AGENDA
ORAL ABSTRACTS: ADVANCED FFR-GUIDED DECISION MAKING

FRIDAY, SEPTEMBER 21, 2018
1:00 PM - 2:00 PM
Room 23B-C, Upper Level

1:00 PM  
**Advanced FFR-Guided Decision Making**
Moderators: Allen Jeremias
Discussants: Jose de Ribamar Costa Jr, Stephen P. Hoole, Giampaolo Niccoli, Expedito Eustáquio Ribeiro

1:00 PM  
TCT 9: Coronary Pressure and Flow in Patients With Severe Aortic Stenosis and Coronary Artery Disease Undergoing TAVI: Implications for Clinical Indices of Coronary Stenosis Severity  
Lecturers: Yousif Ahmad, MD

1:10 PM  
Roundtable Discussion With Audience QA

1:15 PM  
TCT 10: Physiological Versus Angiographic Guidance for Myocardial Revascularization in Patients Undergoing Transcatheter Aortic Valve Implantation  
Lecturers: Gabriele Pesarini

1:25 PM  
Roundtable Discussion With Audience QA

1:30 PM  
TCT 11: Assessment of the Adenosine Dependent Hyperemic Response During the Subacute Phase of a Myocardial Infarction: Insights for FFR Guided Coronary Revascularization in Non Infarcted Related Arteries  
Lecturers: Hernan Mejia-Renteria

1:40 PM  
Roundtable Discussion With Audience QA

1:45 PM  
TCT 12: Elevated FFR Values at the Acute Moment in Non Culprit Vessels of STEMI Patients due to Decreased Adenosine Responsiveness: A Comparison with the Adenosine Free iFR  
Lecturers: Nina Van der Hoeven

1:55 PM  
Roundtable Discussion With Audience QA

ORAL ABSTRACTS: AMI OUTCOMES

FRIDAY, SEPTEMBER 21, 2018
1:00 PM - 2:00 PM
Room 26A-B, Upper Level

1:00 PM  
**AMI Outcomes**
Moderators: Rajesh M. Dave
Discussants: Angeles Alonso Garcia, Roberto Botelho, Warren J. Cantor, Jaya Chandrasekhar, Roberto Diletti

1:00 PM  
TCT 21: Prognostic Impact of SYNTAX II Score in Patients With ST Elevation Myocardial Infarction Undergoing Primary Percutaneous Coronary Intervention: Analysis of an 8 year All Comers Registry  
Lecturers: Ana Belen Cid Alvarez

1:10 PM  
Roundtable Discussion With Audience QA

1:15 PM  
TCT 22: The Residual SYNTAX Score Predicts Prognosis in ST Elevation Myocardial Infarction in Both Single Vessel and Multivessel Disease  
Lecturers: Sonya Burgess

1:25 PM  
Roundtable Discussion With Audience QA

1:30 PM  
TCT 23: Derivation and Validation of Temperature Recovery Time as an Invasive Predictor of Microvascular Obstruction and Prognosis After ST Segment Elevation Myocardial Infarction  
Lecturers: Annette Maznyczka

1:40 PM  
Roundtable Discussion With Audience QA

1:45 PM  
TCT 24: Impact of Bleeding on Outcome and Predictive Value of Bleeding Scores in Patients With Cardiogenic Shock - a Substudy of the CULPRIT SHOCK trial  
Lecturers: Anne Freund

1:55 PM  
Roundtable Discussion With Audience QA

ORAL ABSTRACTS: COMPLEX AND HIGHER RISK PROCEDURES FOR INDICATED PATIENTS (CHIP)
FRIDAY, SEPTEMBER 21, 2018
1:00 PM - 2:00 PM
Room 318-C, Upper Level

1:00 PM  Complex and Higher Risk Procedures for Indicated Patients (CHIP)

Moderators: Jeffrey W. Moses
Discussants: Todd J. Brinton, Jens Flensted Lassen, Robert T. Pyo, William M Suh, George W. Vetrovec

1:00 PM  TCT 25: Radial Artery Access And Outcomes For Left Main Stem PCI: An Analysis of 19482 Cases From the British Cardiovascular Intervention Society National Database
   Lecturers: Tim Kinnaird

1:10 PM  Roundtable Discussion with Audience QA

1:15 PM  TCT 26: Recanalization of Chronic Total Occlusions in Patients With vs Without Chronic Kidney Disease: the Impact of Contrast Induced Acute Kidney Injury
   Lecturers: Lorenzo Azzalini

1:25 PM  Roundtable Discussion with Audience QA

1:30 PM  TCT 27: Left Ventricular Function Following Higher Risk Percutaneous Coronary Intervention Performed With Hemodynamic Support
   Lecturers: Juan Russo

1:40 PM  Roundtable Discussion with Audience QA

1:45 PM  TCT 28: Repeat Chronic Total Occlusion Angioplasty Following an Unsuccessful CTO PCI Attempt: Predictors of Success and Association of Success with Angina Symptoms
   Lecturers: Adam C. Salisbury

1:55 PM  Roundtable Discussion with Audience QA

ORAL ABSTRACTS: EXCEL TRIAL SUBSTUDIES

FRIDAY, SEPTEMBER 21, 2018
1:00 PM - 2:00 PM
Room 338-C, Upper Level

1:00 PM  EXCEL Trial Substudies

Moderators: Marie-Claude Morice, Joseph F. Sabik
Discussants: Anibal A. Damonte, Fausto Feres, Dietmar H. Glogar, Nicholas J. Lembo, Thomas C. McAndrew, Tanveer Rab

1:00 PM  TCT 33: Mortality After Repeat Revascularization Following PCI or CABG for Left Main Coronary Artery Disease: The EXCEL Trial
   Lecturers: Gennaro Giustino

1:10 PM  Roundtable Discussion With Audience QA

1:15 PM  TCT 34: Effect of Baseline Anemia on Outcomes After PCI and CABG in Patients With Left Main Disease: The EXCEL Trial
   Lecturers: Prakriti Gaba

1:25 PM  Roundtable Discussion With Audience QA

1:30 PM  TCT 35: Impact of Cardiovascular Rehospitalizations Following PCI vs CABG for Left Main Coronary Artery Disease: A Sex Specific Analysis From the EXCEL Trial
   Lecturers: Ioanna Kosmidou

1:40 PM  Roundtable Discussion With Audience QA

1:45 PM  TCT 36: The Impact of Guideline Directed Medical Therapy after Revascularization in Patients With Left Main Coronary Artery Disease: Analysis From the EXCEL Trial
   Lecturers: R. Jay Widmer

1:55 PM  Roundtable Discussion With Audience QA

ORAL ABSTRACTS: HYPERTENSION AND RENAL DENERVATION

FRIDAY, SEPTEMBER 21, 2018
1:00 PM - 2:00 PM
Room 27A-B, Upper Level
1:00 PM - 2:00 PM

Hypertension and Renal Denervation

Moderators: Sidney C. Smith
Discussants: Richard R. Heuser, Piotr Jankowski

1:00 PM  TCT 29: Procedural and Anatomic Predictors of Response in RADIANCE HTN SOLO: A Multicenter Randomized Sham Controlled Trial Of Endovascular Ultrasound Renal Denervation
  Lecturers: Ajay J. Kirtane

1:10 PM  Roundtable Discussion With Audience QA

1:15 PM  TCT 30: Renal Denervation Improves Cardiac Function in a Swine Model of Heart Failure
  Lecturers: Traci Goodchild

1:25 PM  Roundtable Discussion With Audience QA

1:30 PM  TCT 31: Comparison of Standard Renal Denervation Procedure versus Novel Distal and BranchVessel Procedure with Brachial Arterial Access
  Lecturers: Ivo Petrov

1:40 PM  Roundtable Discussion With Audience QA

1:45 PM  TCT 32: ConfidenHTTM System  Diagnostic Electrical Mapping of Renal Nerves for Optimizing Renal Denervation Procedures
  Lecturers: Konstantinos P. Tsioufis

1:55 PM  Roundtable Discussion With Audience QA

ORAL ABSTRACTS: NOVEL STRUCTURAL HEART DISEASE THERAPIES

FRIDAY, SEPTEMBER 21, 2018
1:00 PM - 2:00 PM
Room 32A-B, Upper Level

1:00 PM - 2:00 PM
Novel Structural Heart Disease Therapies
Moderators: Eric Eeckhout, Glenn Van Langenhove
Discussants: Steven L. Almany, Igor F. Palacios, Lars Sondergaard, Brian K. Whisenant

1:00 PM  TCT 17: Tricuspid Valve Regurgitation Reduction Following Concomitant Subvalvular and Annulus Level Treatment Ex Vivo Study
  Lecturers: Michal Jaworek

1:10 PM  Roundtable Discussion With Audience QA

1:15 PM  TCT 18: Novel Concept Of Catheter Based Treatment For Tricuspid Regurgitation Cerclage TR Block: A Preliminary Animal Experiment in a Swine Model
  Lecturers: Min-Ku Chon

1:25 PM  Roundtable Discussion With Audience QA

1:30 PM  TCT 19: Predicting TMVR Related LVOT Obstruction:Concept of Fluid Mechanics Modeling
  Lecturers: Keshav Kohli

1:40 PM  Roundtable Discussion With Audience QA

1:45 PM  TCT 20: Left Ventricular Fluid Dynamics Simulation for Transcatheter Mitral Valve Replacement
  Lecturers: James Otton

1:55 PM  Roundtable Discussion With Audience QA

ORAL ABSTRACTS: TAVR PIVOTAL TRIALS

FRIDAY, SEPTEMBER 21, 2018
1:00 PM - 2:00 PM
Room 28D-E, Upper Level

1:00 PM - 2:00 PM
TAVR Pivotal Trials
Moderators: Charles J. Davidson
Discussants: Daniel J. Blackman, Jeffrey J. Popma, Michael J. Reardon, Alan Zajarias

1:00 PM  TCT 13: 5 Year Outcomes From the Randomized Corevalve USPivotal High Risk Trial: Final Results
  Lecturers: Thomas Gleason

1:10 PM  Roundtable Discussion With Audience QA
1:15 PM  TCT 14: Final 5 Year Outcomes Of The REPRISE II Study: Long Term Outcomes With the Fully Repositionable and retrievable Lotus Transcatheter Aortic Valve
Lecturers: Nicolas Dumontiel
1:25 PM  Roundtable Discussion With Audience QA
1:30 PM  TCT 15: Two Year Outcomes After Transcatheter Aortic Valve Replacement With Mechanically versus Self Expandable Valves: Results From The REPRISE III Randomized Trial
Lecturers: Michael J. Reardon
1:40 PM  Roundtable Discussion With Audience QA
1:45 PM  TCT 16: Incidence Outcomes And Microbiologic Profile Of Prosthetic Valve Endocarditis After TAVR And SAVR: Insights From PARTNER
Lecturers: Matthew Summers
1:55 PM  Roundtable Discussion With Audience QA

ORAL ABSTRACTS: BIORESORBABLE VASCULAR SCAFFOLDS

FRIDAY, SEPTEMBER 21, 2018
2:00 PM - 3:00 PM
Room 338-C, Upper Level

2:00 PM - 3:00 PM
Bioresorbable Vascular Scaffolds
Moderators: Antonio L. Bartorelli
Discussants: Salvatore Brugaletta, Bernardo Cortese, Stephen G. Ellis, David G. Rizik

2:00 PM  TCT 62: Five Year Clinical Outcomes With Everolimus Eluting Bioresorbable Scaffolds: Results From the Randomized ABSORB II Trial
Lecturers: Patrick W. Serruys
2:10 PM  Roundtable Discussion With Audience QA
2:15 PM  TCT 61: Clinical Outcomes Following Complete Biodesorption of the Absorb Everolimus Eluting Bioresorbable Scaffold: Four year Results from the ABSORB III Trial
Lecturers: Dean J. Kereiakes
2:25 PM  Roundtable Discussion With Audience QA
2:30 PM  TCT 63: Safety and Clinical Performance of the Drug Eluting Absorbable Metal Scaffold in the Treatment of Subjects with de Novo Lesions in Native Coronary Arteries at 24 month follow up BIOSOLVE II and BIOSOLVE III
Lecturers: Michael Haude
2:40 PM  Roundtable Discussion With Audience QA
2:45 PM  TCT 64: Two Year Clinical and Imaging Outcomes of Thin Strut Sirolimus Eluting Bioresorbable Vascular Scaffolds in De Novo Coronary Artery Lesions: The MeRes 1 Trial
Lecturers: Ricardo A. Costa
2:55 PM  Roundtable Discussion With Audience QA

ORAL ABSTRACTS: CORONARY ARTERY SURGERY

FRIDAY, SEPTEMBER 21, 2018
2:00 PM - 3:00 PM
Room 26A-B, Upper Level

2:00 PM - 3:00 PM
Coronary Artery Surgery
Moderators: John D. Puskas
Discussants: Stuart J. Head, Eric E. Roselli, Alfredo Trento, Rashmi Yadav

2:00 PM  TCT 105: Non Periprocedural Myocardial Infarction After CABG in Patients With Left Main Disease: Analysis From the EXCEL Trial
Lecturers: Bjorn Redfors
2:10 PM  Roundtable Discussion With Audience QA
2:15 PM  TCT 107: Patient Centered Decision Making of Revascularization Strategy for Left Main or Multi Vessel Coronary Artery Disease in Real World Practice
Lecturers: Choongki Kim
2:25 PM  Roundtable Discussion With Audience QA
2:30 PM  TCT 108: Long term Survival After Hybrid Coronary Revascularization for Triple Vessel Disease: How Does it Compare to Coronary Artery Bypass Surgery or Multi Vessel Percutaneous Intervention
Lecturers: Craig Basman
2:40 PM Roundtable Discussion With Audience QA

2:45 PM TCT 106: Are Outcomes Following CABG for Left Main Disease Improving Over the Last Decade A Propensity Matched Analysis From the EXCEL and SYNTAX Randomized Trials
Lecturers: Patrick W. Serruys

2:55 PM Roundtable Discussion With Audience QA

ORAL ABSTRACTS: CT-FFR, QFR, AND OCT-FFR

FRIDAY, SEPTEMBER 21, 2018
2:00 PM - 3:00 PM
Room 238-C, Upper Level

2:00 PM - 3:00 PM
CT-FFR, QFR, and OCT-FFR
Moderators: Javier Escañed, Tim P. van de Hoef
Discussants: Yaron Almagor, Niels R. Holm, Sreenivas Arromajju Kumar, Carmelo Panetta, Neal G. Uren, Bo Xu

2:00 PM TCT 37: Diagnostic Performance of On Site CT Derived FFR Comparison With Fusion Myocardial Perfusion and Invasive FFR
Lecturers: Ryota Fukuoka
2:10 PM Roundtable Discussion With Audience QA

2:15 PM TCT 38: Impact of FFRCT on Decision Making and Outcomes in Stable Coronary Artery Disease in North America: Results of the International ADVANCE Registry
Lecturers: Koen Nieman
2:25 PM Roundtable Discussion With Audience QA

2:30 PM TCT 39: Functional Assessment of In stent Restenosis With Quantitative Flow Ratio QFR A Comparison With De Novo Coronary Stenoses
Lecturers: Catherine Liontou
2:40 PM Roundtable Discussion With Audience QA

2:45 PM TCT 40: Diagnostic Accuracy of Intracoronary Optical Coherence Tomography based Quantitative Flow Ratio for Assessment of Coronary Stenosis
Lecturers: Shengxian Tu
2:55 PM Roundtable Discussion With Audience QA

ORAL ABSTRACTS: MITRALCLIP STUDIES

FRIDAY, SEPTEMBER 21, 2018
2:00 PM - 3:00 PM
Room 28D-E, Upper Level

2:00 PM - 3:00 PM
MitraClip Studies
Moderators: Eric A. Cohen, Brij Maini
Discussants: Bruce Bowers, John D. Carroll, Neil J. Weissman

2:00 PM TCT 45: Quality of Life Outcomes after Transcatheter Mitral Valve Repair in an Unselected Population A Report from the STSACC TVT RegistryTM
Lecturers: Suzanne V. Arnold
2:10 PM Roundtable Discussion With Audience QA

2:15 PM TCT 46: Mitral Valve Gradient Heart Failure Admissions and One Year Mortality Following MitraClip Repairin 5378 Patients: Results from the ACCSTS TVT Registry
Lecturers: Lowie Van Assche
2:25 PM Roundtable Discussion With Audience QA

2:30 PM TCT 47: Longitudinal Adaption Of High Risk Patients Surviving Five Years After Successful MitraClip Implantation
Lecturers: Eike Tigges
2:40 PM Roundtable Discussion With Audience QA

2:45 PM TCT 48: Predictors of Procedural and Clinical Outcomes in Patients with Symptomatic Tricuspid Regurgitation Undergoing Transcatheter Edge to Edge Repair
Lecturers: Philipp Lurz

ORAL ABSTRACTS: NEW TAVR DEVICES
2:00 PM - 3:00 PM  
**New TAVR Devices**  
**Moderators:** Martin B. Leon  
**Discussants:** Haim Danenberg, David Hildick-Smith, Samir R. Kapadia, Bernard Prendergast, Gerhard C. Schuler

**TCT 41:** Acute and Six month Outcomes of a Novel Self Expanding Transcatheter Heart Valve  
*Lecturers:* Ulrich Schäfer  
**TCT 42:** An Early Feasibility Study to Assess Safety and Effectiveness of the Transfemoral JenaValve Pericardial TAVR System in the Treatment of Patients With Symptomatic Severe Aortic Stenosis AS  
*Lecturers:* Hendrik Treede  
**TCT 43:** First In Human Experience of a Novel Transradial Device for Embolic Deflection During Transcatheter Aortic Valve Replacement  
*Lecturers:* Darren Mylotte  
**TCT 44:** Comparative Effectiveness and Safety of Five Leading New Generation TAVI Devices: 12 Month Results from The RISPEVA Study  
*Lecturers:* Giuseppe Biondi-Zoccai  
**TCT 45:** Roundtable Discussion With Audience QA  

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**ORAL ABSTRACTS: PULMONARY ARTERY INTERVENTION**

**2:00 PM - 3:00 PM**  
**Pulmonary Artery Intervention**  
**Moderators:** Shao-Liang Chen  
**Discussants:** Andrew J. Klein, Peter P. Monteleone, Alex M. K. Rothman, Amit Segev, Akhilesh K. Sista, Mitchell Weinberg

**TCT 57:** Hemodynamic and Functional Improvement Following Balloon Pulmonary Angioplasty for Chronic Thromboembolic Pulmonary Hypertension: Initial Experience at a High Volume Pulmonary Thromboendarterectomy Center  
*Lecturers:* Ehtisham Mahmud  
**TCT 58:** Cryoablation method for Pulmonary Artery Sympathetic Denervation in Patients with Chronic Heart Failure and Pulmonary Hypertension  
*Lecturers:* Boris Rudenko  
**TCT 59:** Outcomes of Catheter Directed Thrombolysis versus Standard Medical Therapy in Patients Admitted to Intensive Care Units with Submassive Pulmonary Embolism  
*Lecturers:* Stephen D’Auria  
**TCT 60:** Stent Treatment of Branch Pulmonary Artery Stenosis in Children With Congenital Heart Disease After Cardiac Surgery  
*Lecturers:* Saule Kadirova  
**TCT 61:** Roundtable Discussion With Audience QA  

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**ORAL ABSTRACTS: VULNERABLE PLAQUES AND VULNERABLE PATIENTS**

**2:00 PM - 3:00 PM**
Vulnerable Plaques and Vulnerable Patients
Moderators: John A. Ambrose, Farouc A Jaffer
Discussants: Kalpa De Silva, Uzoma Ibebuogu, John A. McPherson, Nick E. J. West

2:00 PM  TCT 53: Role of Single OCT Morphological Variable in the CLIMA Trial Relationship between Coronary plaque morphology of the left anterior descending artery and long term clinical outcome
Lecturers: Enrico Romagnoli

2:10 PM  Roundtable Discussion With Audience QA

2:15 PM  TCT 54: The Distribution of High Risk Plaques with Respect to Artery Stenosis in Non Culprit Non Ischemic Native Coronary Lesions of Diabetic Patients data from COMBINE OCT FFR study
Lecturers: Tomasz Roleder

2:25 PM  Roundtable Discussion With Audience QA

2:30 PM  TCT 55: Clinical Predictors of Obstructive Coronary Artery Disease in Individuals with Suspected Coronary Artery Disease
Lecturers: Subhi A'Aref

2:40 PM  Roundtable Discussion With Audience QA

2:45 PM  TCT 56: High Resolution Intravascular OCT NIRF Molecular Imaging for In Vivo Assessment of Inflammation in Atherosclerosis and Vascular Injury
Lecturers: Zhonglie Piao

2:55 PM  Roundtable Discussion With Audience QA

ORAL ABSTRACTS: CARDIOGENIC SHOCK AND HEMODYNAMIC SUPPORT

FRIDAY, SEPTEMBER 21, 2018
3:00 PM - 4:00 PM
Room 31B-C, Upper Level

3:00 PM - 4:00 PM
Cardiogenic Shock and Hemodynamic Support
Moderators: Simon Redwood
Discussants: Biswajit Kar, Maurizio Menichelli, Vincent J. Pompili, Fayaz Shawl

3:00 PM  TCT 81: The Comparative Effectiveness and Safety of Impella Versus Intra Aortic Balloon Pump in Patients who Underwent Percutaneous Coronary Intervention: Insights from the Blue Cross Blue Shield of Michigan Cardiovascular Consortium BMC2
Lecturers: Devraj Sukul

3:10 PM  Roundtable Discussion With Audience QA

Lecturers: Sarasandra Vallabhajosyula

3:25 PM  Roundtable Discussion With Audience QA

3:30 PM  TCT 83: Lactate and Cardiac Power Output Measurements at 12 24 Hours Reliably Predict Outcomes in Cardiogenic Shock: Insights from the National Cardiogenic Shock Initiative
Lecturers: Mir Basir

3:40 PM  Roundtable Discussion With Audience QA

3:45 PM  TCT 84: Percutaneous Extracorporeal Membrane Oxygenation ECMO Utilization in Real World All Comers Population with Refractory Cardiac Arrest
Lecturers: Sachin Kumar

ORAL ABSTRACTS: CEREBRAL VASCULAR EVENTS IN TAVR PATIENTS

FRIDAY, SEPTEMBER 21, 2018
3:00 PM - 4:00 PM
Room 26A-B, Upper Level

3:00 PM - 4:00 PM
Cerebral Vascular Events in TAVR Patients
Moderators: Alex Chebl, Alexandra J. Lansky
Discussants: Jan Kovac, Axel Linke, Reginald I. Low, Michael J. Rinaldi

3:00 PM  TCT 69: Transcatheter Aortic Heart Valves: Histological Analysis Providing Insight to Leaflet Thickening and Structural Valve Degeneration
Lecturers: Stephanie Sellars

3:10 PM  Roundtable Discussion With Audience QA
3:15 PM  TCT 70: Incidence Trends and Risk Factors for Early Stroke after Transcatheter Aortic Valve Replacement in the First 5 years of US Clinical Practice: Report of the STSACC TVT Registry  
Lecturers: Chetan Huded

3:25 PM  Roundtable Discussion With Audience QA

3:30 PM  TCT 71: Predictors Incidence and Outcomes of Patients Undergoing Transcatheter Aortic Valve Implantation Complicated by Stroke  From the CENTER Collaboration  
Lecturers: Wienek Vlastra

3:40 PM  Roundtable Discussion With Audience QA

3:45 PM  TCT 72: A Prospective Evaluation for Hypoattenuated Leaflet Thickening Following Transcatheter Aortic Valve Replacement  
Lecturers: Liang Tang

3:55 PM  Roundtable Discussion With Audience QA

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ORAL ABSTRACTS: CTO INTERVENTION

FRIDAY, SEPTEMBER 21, 2018  
3:00 PM - 4:00 PM  
Room 28D-E, Upper Level

3:00 PM - 4:00 PM  
CTO Intervention  
Moderators: Dimitri Karmpaliotis  
Discussants: Kevin J. Croce, David F. Kong, Elmir Omerovic, Dmitry Stolyarov

3:00 PM  TCT 77: Procedural Success and Outcomes With Increasing Use of Enabling Strategies for Chronic Total Occlusion Intervention: An Analysis of 28050 Cases From the British Cardiovascular Intervention Society Database  
Lecturers: Tim Kinnaird

3:10 PM  Roundtable Discussion With Audience QA

3:15 PM  TCT 78: Impact of Collateral Channel Type on the Outcomes of Chronic Total Occlusion Percutaneous Coronary Intervention  
Lecturers: Judit Karacsonyi

3:25 PM  Roundtable Discussion With Audience QA

3:30 PM  TCT 79: Quality of Life in Patients With Refractory Angina After Chronic Total Occlusion Angioplasty  
Lecturers: Taishi Hirai

3:40 PM  Roundtable Discussion With Audience QA

3:45 PM  TCT 80: Natural Change of the Distal Bed Following Percutaneous Coronary Intervention With Drug Eluting Stents for Chronic Total Occlusion Lesions  
Lecturers: Osung Kwon

3:55 PM  Roundtable Discussion With Audience QA

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ORAL ABSTRACTS: INTERVENTIONAL TREATMENT OF DISEASES OF THE AORTA

FRIDAY, SEPTEMBER 21, 2018  
3:00 PM - 4:00 PM  
Room 27A-B, Upper Level

3:00 PM - 4:00 PM  
Interventional Treatment of Diseases of the Aorta  
Moderators: Jacques Busquet  
Discussants: Costantino Del Giudice, Philip Green, Kendra J. Grubb, Zaza Kaveladze, Hugo F. Londero, Virendra I Patel, Kazuo Shimamura

3:00 PM  TCT 85: Endovascular Repair of Penetrating Atherosclerotic Ulcers With the Cardiatis Multilayer Flow Modulator Implant as an Alternative to Covered Endografts to Preserve Branch Vessel Patency  
Lecturers: Daniela Tirziu

3:10 PM  Roundtable Discussion With Audience QA

3:15 PM  TCT 86: 3 years Follow Up of Successful Endovascular Interventions in Takayasu Arteritis involving Aorta and Aortic Arch Vessels  
Lecturers: Ajaya Paudel

3:25 PM  Roundtable Discussion With Audience QA

3:30 PM  TCT 87: Thirty Day Readmission Rate Etiologies after Endovascular Repair of Abdominal Aortic Aneurysm: A Nationwide Analysis  
Lecturers: Varunsiri Atti
### ORAL ABSTRACTS: INTRAVASCULAR IMAGING

**Friday, September 21, 2018**  
3:00 PM - 4:00 PM  
Room 23B-C, Upper Level

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<th>Session</th>
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| 3:00 PM | **Intravascular Imaging**  
Moderators: Guillermo Tearney, R. Stefan Kiesz, Massimo Napodano, Francesco Prati  
Discussants: Adriano Caixeta | **TCT 68:** Clinical Impact Of Post Stent Optical Coherence Tomography Findings: Two Year Follow Up From A Single Center Registry  
Lecturers: Yuqi Fan |
| 3:10 PM | **Roundtable Discussion With Audience QA**  
| 3:15 PM | **TCT 65:** High Definition Micro Optical Coherence Tomography for Endothelial Cell Visualization in the Coronary Arteries  
Lecturers: Kensuke Nishimiya | **Roundtable Discussion With Audience QA**  
| 3:25 PM | **TCT 66:** The Effects of Stent Post Dilatation During Primary Percutaneous Coronary Intervention PPCI for ST elevation Myocardial Infarction STEMI: Insights from Optical Coherence Tomography OCT and Coronary Physiology  
Lecturers: Grigoris Karamasis | **Roundtable Discussion With Audience QA**  
| 3:40 PM | **TCT 67:** Post Stent OCT vs IVUS Predictors of 2 Year Outcomes  
Lecturers: Xiao Wang | **Roundtable Discussion With Audience QA**  
| 3:55 PM | | |

### ORAL ABSTRACTS: STENT VS STENT STUDIES

**Friday, September 21, 2018**  
3:00 PM - 4:00 PM  
Room 33B-C, Upper Level

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| 3:00 PM | **Stent vs Stent Studies**  
Moderators: Alexandre Abizaid, Didier Carrié  
Discussants: Giuseppe De Luca, Upendra Kaul, Manel Sabate, Sigmund Silber, Giulio Stefanini, Clemens von Birgelen  
| 3:00 PM | **TCT 197:** Early Vascular Healing After Implantation of a Biolimus Coated BioFreedom Stent or a Sirolimus Eluting Orsiro Stent in Patients with ST segment Elevation Myocardial Infarction  
Lecturers: Kirstine Hansen | **Roundtable Discussion With Audience QA**  
| 3:10 PM | | **Roundtable Discussion With Audience QA**  
| 3:15 PM | **TCT 90:** Clinical Outcomes Three Year After Revascularization With a Biodegradable Polymer Ultra thin Strut Sirolimus Eluting Stent and a Biodegradable Polymer Biolimus eluting Stent From the SORT OUT VII Trial  
Lecturers: Julia Ellert | **Roundtable Discussion With Audience QA**  
| 3:25 PM | | **Roundtable Discussion With Audience QA**  
| 3:30 PM | **TCT 91:** Utrathin Biodegradable Polymer Sirolimus Eluting Stents versus Thin Durable Polymer Everolimus Eluting Stents in Patients Undergoing Coronary Revascularization BIOFLOW V: Acute Coronary Syndrome Subgroup Analysis  
Lecturers: Ariel Roguin | **Roundtable Discussion With Audience QA**  
| 3:40 PM | | **Roundtable Discussion With Audience QA**  
| 3:45 PM | **TCT 92:** Randomized Comparison of Ridaforolimus and Zotarolimus Eluting Coronary Stents: 2 Year Clinical Outcomes of the Pooled BIONICS and NIREUS Trials  
Lecturers: David E. Kandzari | **Roundtable Discussion With Audience QA**  
| 3:55 PM | | **Roundtable Discussion With Audience QA**  

**Last Updated 08/30/2018**  
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ORAL ABSTRACTS: TRICUSPID VALVE INTERVENTION

FRIDAY, SEPTEMBER 21, 2018
3:00 PM - 4:00 PM
Room 32A-B, Upper Level

3:00 PM - 4:00 PM
Tricuspid Valve Intervention
Moderators: Rebecca T. Hahn, Jose Luis Navia
Discussants: Christopher U. Meduri, Fabien Praz, Maurizio Taramasso, Yan Topilsky, Bernard Vasseur

3:00 PM
TCT 73: Treatment of Severe TRicuspid Regurgitation in Patients with Advanced Heart Failure with CAval Vein Implantation of the Edwards Sapien XT VALve
TRICAVAL: a controlled prospective randomized trial
Lecturers: Henryk Dreger

3:10 PM
Roundtable Discussion With Audience QA

3:15 PM
TCT 74: SCOUT Study: Trialign results at 30 days from combined US and EU cohort for the treatment of functional TR
Lecturers: Christopher U. Meduri

3:25 PM
Roundtable Discussion With Audience QA

3:30 PM
TCT 75: Physiological and Clinical Consequences of Relief of Right Ventricular Volume Overload After Transcathether Repair of the Tricuspid Valve
Insights from Cardiac Magnetic Resonance
Lecturers: Philipp Lurz

3:40 PM
Roundtable Discussion With Audience QA

3:45 PM
TCT 76: Long Term Outcomes Following Transcatheter Tricuspid Valve Repair With the FORMA System
Lecturers: Luis Asmarats

3:55 PM
Roundtable Discussion With Audience QA

ORAL ABSTRACTS: COMPLEX TAVR PROCEDURES

FRIDAY, SEPTEMBER 21, 2018
4:00 PM - 5:00 PM
Room 26A-B, Upper Level

4:00 PM - 5:00 PM
Complex TAVR Procedures
Moderators: Alain G. Cribier, Helene Eltchaninoff
Discussants: Andreas Baumbach, Adam B. Greenbaum, Raj Makkar, Molly Szerlip, Wilson Y. Szeto

4:00 PM
TCT 97: Preserving Coronary Access After Valve in TAVI: A Glimpse Into the Future
Lecturers: Nicola Buzzatti

4:10 PM
Roundtable Discussion With Audience QA

4:15 PM
TCT 98: Early Clinical Impact of Cerebral Embolic Protection With Transcatheter Aortic Valve Replacement a Multicenter Study in the Netherlands
Lecturers: Herbert Kroon

4:25 PM
Roundtable Discussion With Audience QA

4:30 PM
TCT 99: Does Valve in Valve TAVR Carry a Higher Risk for Diffusion Weighted MRI Brain Lesions Compared to Native Valve TAVI
Lecturers: Christina Brinkmann

4:40 PM
Roundtable Discussion With Audience QA

4:45 PM
TCT 100: Emergency TAVR for Cardiogenic ShockRight Heart Function and Early Mechanical Circulatory Support Improve Outcomes
Lecturers: Hans Huang

4:55 PM
Roundtable Discussion With Audience QA

ORAL ABSTRACTS: DES CLINICAL OUTOMES

FRIDAY, SEPTEMBER 21, 2018
4:00 PM - 5:00 PM
Room 338-C, Upper Level
DES Clinical Outomes
Moderators: Michael A. Kutcher, Tullio Palmerini
Discussants: Sripal Bangalore, Adriano Caixeta, Salvatore Cassese

4:00 PM  TCT 117: The Burden of Restenosis after Coronary Stent Implantation in the United States: Temporal Trends Clinical Presentation Treatment Strategies and In Hospital Outcomes
Lecturers: Issam D. Moussa

4:10 PM  Roundtable Discussion With Audience QA

4:15 PM  TCT 118: The Impact of Bifurcation Stenting Techniques on the Clinical Events: the Stratified Analysis of 2510 Bifurcated Lesions According to MADS Classification in the Global LEADERS Trial
Lecturers: Norihisa Kogame

4:25 PM  Roundtable Discussion With Audience QA

4:30 PM  TCT 119: Impact of Clinical Syndrome on Outcomes After PCI: Analysis From a Large Pooled Randomized Trial Dataset
Lecturers: Masaru Ishida

4:40 PM  Roundtable Discussion With Audience QA

4:45 PM  TCT 120: Long term Outcomes in Women and Men Following Percutaneous Coronary Intervention: An Individual Patient Data Pooled Analysis from 21 Randomized Trials
Lecturers: Ioanna Kosmidou

4:55 PM  Roundtable Discussion With Audience QA

ORAL ABSTRACTS: LEFT ATRIAL APPENDAGE EXCLUSION

FRIDAY, SEPTEMBER 21, 2018
4:00 PM - 5:00 PM
Room 27A-B, Upper Level

4:00 PM - 5:00 PM
Left Atrial Appendage Exclusion
Discussants: Sameer Gafoor, David R. Holmes Jr., James E. Muller

4:00 PM  TCT 101: Comparison of Transesophageal Echocardiography And Cardiac CT for Detection of Device Related Thrombosis Following Left Atrial Appendage Occlusion
Lecturers: Kasper Korsholm

4:10 PM  Roundtable Discussion With Audience QA

4:15 PM  TCT 102: Incidence Predictors and Outcomes of Device Related Thrombus After Left Atrial Appendage Closure With The WATCHMAN Device Insights From the EWOLUTION Real World Registry
Lecturers: Alexander Sedaghat

4:25 PM  Roundtable Discussion With Audience QA

4:30 PM  TCT 103: Ultraceal Left Atrial Appendage Occluder: Initial Multicenter Experience
Lecturers: Lluis Asmarats

4:40 PM  Roundtable Discussion With Audience QA

4:45 PM  TCT 104: Comparative Data on the Use of Intracardiac and Transesophageal Echocardiography for Left Atrial Appendage Occlusion in the Amulet Observational Study
Lecturers: Jens Erik Nielsen-Kudsk

4:55 PM  Roundtable Discussion With Audience QA

ORAL ABSTRACTS: LOWER EXTREMITY INTERVENTION

FRIDAY, SEPTEMBER 21, 2018
4:00 PM - 5:00 PM
Room 32A-B, Upper Level

4:00 PM - 5:00 PM
Lower Extremity Intervention
Discussants: Tony Das

4:00 PM  TCT 105: Comparison of Transesophageal Echocardiography And Cardiac CT for Detection of Device Related Thrombosis Following Left Atrial Appendage Occlusion
Lecturers: Kasper Korsholm

4:10 PM  Roundtable Discussion With Audience QA

4:15 PM  TCT 106: Incidence Predictors and Outcomes of Device Related Thrombus After Left Atrial Appendage Closure With The WATCHMAN Device Insights From the EWOLUTION Real World Registry
Lecturers: Alexander Sedaghat

4:25 PM  Roundtable Discussion With Audience QA

4:30 PM  TCT 107: Ultraceal Left Atrial Appendage Occluder: Initial Multicenter Experience
Lecturers: Lluis Asmarats

4:40 PM  Roundtable Discussion With Audience QA

4:45 PM  TCT 108: Comparative Data on the Use of Intracardiac and Transesophageal Echocardiography for Left Atrial Appendage Occlusion in the Amulet Observational Study
Lecturers: Jens Erik Nielsen-Kudsk

4:55 PM  Roundtable Discussion With Audience QA
4:00 PM  TCT 113: Effectiveness of Atherectomy vs Balloon Angioplasty for Limb Salvage in Occlusive Tibioperoneal Arterial Disease  
Lecturers: Payal Sharma

4:10 PM  Roundtable Discussion With Audience QA

4:15 PM  TCT 114: Comparing Effectiveness of Different Atherectomy Device Systems in Occlusive Lower Extremity Peripheral Artery Disease: Analysis of a Large National Database  
Lecturers: Tonga Nfor

4:25 PM  Roundtable Discussion With Audience QA

4:30 PM  TCT 115: Long Term Follow up of the PADI Trial: Percutaneous Transluminal Angioplasty Versus Drug Eluting Stents for Infraopliteal Lesions in Critical Limb Ischemia  
Lecturers: Thijs Wakkie

4:40 PM  Roundtable Discussion With Audience QA

4:45 PM  TCT 116: Spot Stenting versus Full Coverage Stenting After Endovascular Therapy for Femoro popliteal Artery Lesions  
Lecturers: Yusuke Tomoi

4:55 PM  Roundtable Discussion With Audience QA

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**ORAL ABSTRACTS: NEW INTRACORONARY PHYSIOLOGY TECHNIQUES AND STUDIES**

**FRIDAY, SEPTEMBER 21, 2018**

4:00 PM - 5:00 PM  
Room 23B-C, Upper Level

4:00 PM - 5:00 PM  
**New Intracoronary Physiology Techniques and Studies**  
Moderators: Ziad A. Ali, Justin E. Davies  
Discussants: Joost Daemen, Thomas Engstroem, Juan Luis Gutierrez-Chico, Michal Hawranek, Jan J. Piek

4:00 PM  TCT 93: The Physiological Pattern of Disease Assessed by Pressure Wire Pullback has an Influence on Fractional Flow Reserve Instantaneous Wave Free Ratio Discordance: Insight From Multicenter AJIP Registry  
Lecturers: Takayuki Warisawa

4:10 PM  Roundtable Discussion With Audience QA

4:15 PM  TCT 94: Continuous Infusion of Saline for Assessment of Absolute Hyperemic Flow and Minimal Microvascular Resistance: Validation in Humans Using 15OH2O PET  
Lecturers: Henk Everaars

4:25 PM  Roundtable Discussion With Audience QA

4:30 PM  TCT 95: A Simplified Formula to Calculate Fractional Flow Reserve in Sequential Lesions Circumventing the Measurement of Coronary Wedge Pressure During Balloon Inflation: the APIS S pilot study  
Lecturers: Carlos Cortes

4:40 PM  Roundtable Discussion With Audience QA

4:45 PM  TCT 96: Predicting Angina Limited Exercise Capacity Using Coronary Physiology  
Lecturers: Christopher Cook

4:55 PM  Roundtable Discussion With Audience QA

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**ORAL ABSTRACTS: PHARMACOTHERAPY IN PATIENTS UNDERGOING PCI**

**FRIDAY, SEPTEMBER 21, 2018**

4:00 PM - 5:00 PM  
Room 31B-C, Upper Level

4:00 PM - 5:00 PM  
**Pharmacotherapy in Patients Undergoing PCI**  
Discussants: George D. Dangas, Germano Di Sciascio, Yaling Han, Michelle O'Donoghue, Georgios J. Vlahojannis

4:00 PM  TCT 109: Intracoronary Administration of Tacrolimus Improves Reperfusion of Microvasculature and Left Ventricular Function in Patients with ST Segment Elevation Myocardial Infarction COAT STEMI Undergoing Primary Percutaneous Coronary Intervention  
Lecturers: Pei-Hsun Sung

4:10 PM  Roundtable Discussion With Audience QA

4:15 PM  TCT 110: Incidence predictors and outcomes of DAPT disruption due to non compliance versus bleeding after PCI: insights from the PARIS Registry  
Lecturers: Kamila Moaelm
4:25 PM  Roundtable Discussion With Audience QA

4:30 PM  TCT 111: Efficacy and Safety of Glycoprotein IIbIIIa Inhibitors on Top of a Potent P2Y12 Inhibitor in STEMI: A Pre Specified Sub Analysis of the ATLANTIC Trial
  Lecturers: Anne Tavenier

4:40 PM  Roundtable Discussion With Audience QA

4:45 PM  TCT 112: Patient Oriented Clinical Outcomes and Net Adverse Cardiovascular Event in the Global Leaders Trial
  Lecturers: Patrick W. Serruys

4:55 PM  Roundtable Discussion With Audience QA

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**ORAL ABSTRACTS: PRIMARY PCI STRATEGIES IN THE AMI PATIENT**

FRIDAY, SEPTEMBER 21, 2018
4:00 PM - 5:00 PM
Room 28D-E, Upper Level

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4:00 PM - 5:00 PM  
Primary PCI Strategies in AMI Patient
Moderators: David A. Cox, Dariusz Dudek
Discussants: Larry S. Dean, Dmitriy N. Feldman, Jorge Gaspar, Timothy D. Henry, Jean-François Tanguay

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4:00 PM  TCT 49: Transformational Pathways for AMI Management in Developing Countries  Rolling 600000 Remote Patient Encounters to D2B Interventions
  Lecturers: Sameer Mehta

4:10 PM  Roundtable Discussion With Audience QA

4:15 PM  TCT 50: Fiscal Impact of Avoiding Unnecessary Transfers and Hospitalization in STEMI Interventions Results from Latin America Telemedicine Infarct Network LATIN
  Lecturers: Sameer Mehta

4:25 PM  Roundtable Discussion With Audience QA

4:30 PM  TCT 51: Long term Mortality Comparison of Patients With Acute Myocardial Infarction and Cardiogenic Shock Treated With Culprit Only or Multivessel Percutaneous Coronary Intervention
  Lecturers: Ruben Vergara

4:40 PM  Roundtable Discussion With Audience QA

4:45 PM  TCT 52: Intravascular Imaging guided Urgent Percutaneous Coronary Intervention for Acute Myocardial Infarction and Long term 3 years Progosis: A Land Mark Analysis of J MINUET
  Lecturers: Hiroyuki Okura

4:55 PM  Roundtable Discussion With Audience QA

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**CARDIOVASCULAR PROFESSIONALS (CVP) COURSE: 27TH ANNUAL CARDIOVASCULAR NURSE AND TECHNOLOGIST SYMPOSIUM: RCIS REVIEW WITH HANDS-ON-HEARTS**

FRIDAY, SEPTEMBER 21, 2018
8:00 AM - 1:00 PM
Room 28A-C, Upper Level

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8:00 AM - 9:55 AM  
Session I. Deep Dive - Cardiac Catheterization and PCI
Moderators: Jeff Davis, Thomas H. Maloney
Discussants: Mary K. Egan, Marsha Holton, David P. Lee, George W. Vetrovec

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8:00 AM  Case Introduction: A Patient with Atypical Chest Pain and Shortness of Breath
  Lecturers: George W. Vetrovec

8:10 AM  Assessment of the Patient
  Lecturers: Marsha Holton

8:20 AM  Right Heart Catheterization Matched with Interactive Cadaver Heart Dissection
  Lecturers: Robert Kutys

8:35 AM  Medications for Diagnostic Cardiac Catheterization
  Lecturers: Mary K. Egan

8:45 AM  Left Heart Catheterization with Interactive Cadaver Heart Dissection
  Lecturers: Robert Kutys, George W. Vetrovec

8:50 AM  Coronary Angiography with Interactive Cadaver Heart Dissection
9:10 AM  Medications for PCI  
Lecturers: Mary K. Egan

9:15 AM  Devices for PCI Wires Balloons Stents FFR Imaging  
Lecturers: David P. Lee

9:30 AM  Stent Selection and Technique  
Lecturers: David P. Lee, George W. Vetrovec

9:45 AM  Roundtable Discussion With Audience QA

9:55 AM – 11:45 AM  
Session II. Deep Dive - The Aortic Valve  
Moderators: Jeff Davis, Thomas H. Maloney  
Discussants: Philippe Genereux, Azeem Latib, Dmitry B. Levin, Paul D. Mahoney, Elizabeth M. Perpetua

9:55 AM  Case Introduction: Symptoms Suggestive of Aortic Stenosis  
Lecturers: Paul D. Mahoney

10:05 AM  Fundamental Knowledge: Aortic Valve Anatomy with Interactive Cadaver Heart Dissection  
Lecturers: Robert Kutys, Dmitry B. Levin

10:15 AM  Hemodynamics of Aortic Stenosis and Valve Calculations  
Lecturers: Jeff Davis

10:35 AM  Interpretation of Hemodynamic CT and Echo Data for TAVR Clinical Decision Making  
Lecturers: Azeem Latib

10:55 AM  Case Demonstration: Transcatheter Aortic Valve Replacement  
Case Presenter: Paul D. Mahoney

Keynote Address: Complications Case Reviews  
Lecturers: Philippe Genereux

11:10 AM  Complications of TAVR Overview  
Lecturers: Philippe Genereux

11:20 AM  Recognizing and Treating Aortic Regurgitation  
Lecturers: Philippe Genereux

11:25 AM  Recognizing and Treating Tamponade  
Lecturers: Philippe Genereux

11:30 AM  Rhythm Disturbances After TAVR  
Lecturers: Philippe Genereux

11:35 AM  Roundtable Discussion with Audience QA

11:45 AM – 12:30 PM  
Hands-on-Hearts Demonstration  
Lecturers: Jeff Davis, Marsha Holton, Matthew Kutyna, Robert Kutys, Maria E. Romero, Torie Samuda, Renu Virmani

12:30 PM – 1:00 PM  
Afternoon Break and Refreshments, Sponsored by Boston Scientific Corporation

CARDIOVASCULAR PROFESSIONALS (CVP) COURSE: 27TH ANNUAL CARDIOVASCULAR NURSE AND TECHNOLOGIST SYMPOSIUM: AN AFTERNOON IN THE CATH LAB

FRIDAY, SEPTEMBER 21, 2018  
1:00 PM – 5:30 PM  
Room 28A-C, Upper Level

1:00 PM – 1:35 PM  
Session I. Cath Lab Efficiency and Productivity  
Moderators: Marian C. Hawkey  
Discussants: Regina Deible, Mary K. Egan, Julie Logan, Thomas H. Maloney, Martina Kelly Speight

1:00 PM  Welcome and Introduction  
Lecturers: Marian C. Hawkey

1:25 PM  Roundtable Discussion with Audience QA
1:35 PM - 2:20 PM
Session II: Complex PCI
Moderators: Thomas H. Maloney
Discussants: Russell J. D’Sa, Regina Deible, Elizabeth Willette

1:35 PM Complex PCI Case Introduction
Case Presenter: Thomas H. Maloney

1:40 PM The CHIP Team
Lecturers: Elizabeth Willette

1:50 PM The CHIP Toolkit Techniques Imaging Equipment Troubleshooting
Lecturers: Russell J. D’Sa

2:05 PM Complex PCI Case Conclusion
Case Presenter: Thomas H. Maloney

2:10 PM Roundtable Discussion with Audience QA

2:20 PM - 3:05 PM
Session III: Left Atrial Appendage Closure with the Watchman Device
Moderators: Martina Kelly Speight
Discussants: Asma Hussaini, David P. Lee, Elizabeth M. Perpetua

2:20 PM Case Introduction: A Patient With Non Valvular Atrial Fibrillation
Case Presenter: Elizabeth M. Perpetua

2:25 PM Anatomical Considerations for Patient Selection
Lecturers: Asma Hussaini

2:35 PM Overview of the Watchman Procedure and Complications
Lecturers: David P. Lee

2:50 PM Case Conclusion
Lecturers: Elizabeth M. Perpetua

2:55 PM Roundtable Discussion with Audience QA

3:05 PM - 3:50 PM
Session IV: Transcatheter Aortic Valve Replacement
Moderators: Sarah Clarke
Discussants: Kim Guibone, Marian C. Hawkey, Sandra Lauck

3:05 PM Case Introduction: Aortic Stenosis
Case Presenter: Sarah Clarke

3:10 PM Current Indications and Guidelines for TAVR
Lecturers: Kim Guibone

3:20 PM Individualizing the Patient Care Pathway
Lecturers: Sandra Lauck

3:35 PM Case Conclusion
Case Presenter: Sarah Clarke

3:40 PM Roundtable Discussion with Audience QA

3:50 PM - 4:35 PM
Session V: Peripheral Intervention
Moderators: Michelle Maier
Discussants: Julie Logan, Sameer Nagpal, Samit Shah

3:50 PM Case Introduction: Critical Limb Ischemia
Case Presenter: Michelle Maier

3:55 PM What Is CLI and How Do We Prevent It
Lecturers: Samit Shah

4:05 PM What are the Treatments for CLI
Lecturers: Sameer Nagpal

4:20 PM Case Conclusion
Case Presenter: Michelle Maier

4:25 PM Roundtable Discussion with Audience QA

4:35 PM - 5:30 PM
Session VI: What Else is Going on in The Cath Lab?

Moderators: Regina Deible
Discussants: Kate Dalton, Allen Jeremias

4:35 PM Update on iFR and FFR
Lecturers: Julie Logan

4:45 PM Update on Current Imaging Modalities: IVUS vs OCT vs NIRS
Lecturers: Allen Jeremias

4:55 PM Update on Vascular Access Selection: Radial vs Femoral
Lecturers: Mary K. Egan

5:05 PM Update on Clinical Research in the Cath Lab
Lecturers: Kate Dalton

5:15 PM Roundtable Discussion with Audience QA

5:25 PM Conclusion
Lecturers: Marian C. Hawkey

REGIONAL SNAPSHOT MEETINGS: THE BEST OF INTERVENTION FROM EUROPE: FLASH DEBATES

Friday, September 21, 2018
9:00 AM - 11:00 AM
Room 24A-B, Upper Level

9:00 AM - 10:00 AM
Session I. What is New in Coronary Artery Disease From Diagnosis to Treatment
Moderators: Jeroen J. Bax, Stephan Windecker
Discussants: Robert A. Byrne, Javier Escaned, Michael Haude, Patrick W. Serruys, Holger Thiele

9:00 AM CT Angiography Versus Ischemia Testing for Detection of Coronary Artery Disease
Lecturers: Jeroen J. Bax

9:06 AM Beyond ORBITA: The Role of PCI in Stable Ischemic CAD
Lecturers: Adrian P. Banning

9:12 AM Novel Hemodynamic Assessment Parameters and Intracoronary Imaging to Optimize PCI Outcomes
Lecturers: Javier Escaned

9:18 AM The New 2018 ESC/ACCT Guidelines on Myocardial Revascularization: Focus on Multivessel and Left Main Disease
Lecturers: Robert A. Byrne

9:24 AM What is the Future of Bioresorbable Scaffolds
Lecturers: Michael Haude

9:30 AM Revascularization in Cardiogenic Shock: New Insights
Lecturers: Holger Thiele

9:36 AM Atrial Fibrillation and ACS PCI: The End of Triple Therapy
Lecturers: Stephan Windecker

9:42 AM Does Aspirin Have a Role in the Management of Patients Undergoing PCI
Lecturers: Patrick W. Serruys

9:48 AM Roundtable Discussion With Audience QA

10:00 AM - 11:00 AM
Session II. What is New in Structural Heart Disease
Moderators: Jeroen J. Bax, Stephan Windecker
Discussants: Jörg Hausleiter, Axel Linke, Felix Mahfoud, Georg Nickenig, Thomas Pilgrim, Lars Sondergaard

10:00 AM Durability of Transcatheter Heart Valves
Lecturers: Bernard Prendergast

10:06 AM TAVR: New Indications and Unmet Needs
Lecturers: Thomas Pilgrim

10:12 AM Stroke Prevention Strategies in TAVR
Lecturers: Axel Linke

10:18 AM Antithrombotic Therapy in Patients Undergoing TAVR
Lecturers: Ole De Backer

10:24 AM The Future of Transcatheter Mitral Valve Intervention: Repair or Replace
Lecturers: Georg Nickenig

10:30 AM How to Select Patients for Tricuspid Valve Repair
Lecturers: Jörg Hausleiter
10:36 AM Percutaneous PFO Closure: Finally Arrived
Lecturers: Lars Søndergaard
10:42 AM Renal Denervation: Light on the Horizon
Lecturers: Felix Mahfoud
10:48 AM Roundtable Discussion With Audience QA

REGIONAL SNAPSHOT MEETING: THE BEST OF INTERVENTION FROM LATIN AMERICA: SELECTED TOPICS IN INTERVENTIONAL CARDIOLOGY

FRIDAY, SEPTEMBER 21, 2018
11:00 AM - 1:00 PM
Room 24A-B, Upper Level

11:00 AM - 1:00 PM
The Best of Intervention from Latin America: Selected Topics in Interventional Cardiology
Moderators: Alexandre Abizaid, Jose L. Leiva-Pons
Discussants: Mario Araya, Roberto Botelho, Aníbal A. Damonte, Efrain Gaxiola, Alfaro Marchena, Henrique B. Ribeiro

REGIONAL SNAPSHOT MEETING: THE BEST OF INTERVENTION FROM CHINA

FRIDAY, SEPTEMBER 21, 2018
1:00 PM - 3:00 PM
Room 24A-B, Upper Level

1:00 PM - 2:00 PM
Session I. Innovations From China
Moderators: Runlin Gao, Martin B. Leon
Discussants: Ori Ben-Yehuda, YunDai Chen, Juan F. Granada, Azeem Latib, Jian Liu, Sunil V. Rao

1:00 PM New TAVR Devices: VitaFlow Venus A Plus and Venibri
Lecturers: Junbo Ge
1:08 PM Roundtable Discussion With Audience QA
1:10 PM Update of the NeoVas BRS Clinical Trials
Lecturers: Yaling Han
1:18 PM Roundtable Discussion With Audience QA
1:20 PM Iron Based BRS: Design Features Experimental Studies and FIM Experience
Lecturers: Kefei Dou
1:28 PM Roundtable Discussion With Audience QA
1:30 PM Pulmonary Artery Denervation: Updates of Experimental and Clinical Studies
Lecturers: Shao-Liang Chen
1:38 PM Roundtable Discussion With Audience QA
1:40 PM Intelligent Recognition of Coronary Angiography Based on Deep Learning Technology
Lecturers: Bo Xu
1:48 PM Roundtable Discussion With Audience QA
1:50 PM Quantitative Flow Ratio QFR: A Valuable Tool in the Cath Lab
Lecturers: Shengxian Tu
1:58 PM Roundtable Discussion With Audience QA

2:00 PM - 3:00 PM
Session II. Complex and High-Risk PCI: Case-Based Discussions
Moderators: Ajay J. Kirtane, Yuejin Yang
Discussants: Ziad A. Ali, George D. Dangas, Lei Ge, J. Aaron Grantham, Ning Guo, Gary S. Mintz

2:00 PM Case 1: FFR and IVUS Guidance of Left Main Bifurcation PCI
Case Presenter: Juying Qian
2:06 PM Roundtable Discussion With Audience QA
2:10 PM Case 2: Antegrade Dissection and Re Entry CTO
Case Presenter: Zening Jin
2:16 PM Roundtable Discussion With Audience QA

2:20 PM Case 3: OCT Guided PCI in a Severely Calcified Lesion
Case Presenter: Junjie Zhang
2:26 PM Roundtable Discussion With Audience QA

2:30 PM Case 4: STEMI With Cardiogenic Shock
Case Presenter: Kai Xu
2:36 PM Roundtable Discussion With Audience QA

2:40 PM Case 5: Post CABG PCI
Case Presenter: Qi Zhang
2:46 PM Roundtable Discussion With Audience QA

2:50 PM Case 6: PCI in a Patient With Severe Left Ventricular Dysfunction
Case Presenter: Jun Jiang
2:56 PM Roundtable Discussion With Audience QA

REGIONAL SNAPSHOT MEETING: THE BEST OF INTERVENTION FROM JAPAN: ADVANCED PCI TECHNIQUES AND ENDOVASCULAR INTERVENTION

FRIDAY, SEPTEMBER 21, 2018
3:00 PM - 5:10 PM
Room 24A-B, Upper Level

3:00 PM - 3:40 PM
Session I. Advanced PCI Techniques
Moderators: Lei Ge, Masahiko Ochiai
Discussants: Adrian P. Banning, Eric Eeckhout, Scott Harding, Nicholas J. Lembo, Ashish Pershad, Sudhir Rathore

3:00 PM The Latest Strategies for CTO in Japanese Fashion
Lecturers: Makoto Sekiguchi
3:12 PM Role of Debunking in the Era of DES
Lecturers: Hisayuki Okada
3:24 PM PPAP Proximal Palm Artery Puncture: Should We Shift to It from Radial Artery Puncture
Lecturers: Shingo Kaneko
3:36 PM Roundtable Discussion with Audience QA

3:40 PM - 4:30 PM
Session II. Coronary Imaging and Physiologic Assessment
Moderators: Takashi Akasaka, Akiko Maehara
Discussants: Nils Johnson, Hitoshi Matsuo, Masato Nakamura, Takafumi Ueno

3:40 PM OCT Guided PCI In Daily Clinical Practice: Strategy Based on ILUMIEN III
Lecturers: Ziad A. Ali
3:47 PM Roundtable Discussion With Audience QA
3:50 PM OCT Guided Bifurcation PCI
Lecturers: Takashi Kubo
4:00 PM Roundtable Discussion With Audience QA
4:05 PM Aortic Stenosis With Coronary Artery Disease: Angiography Is Enough
4:13 PM Aortic Stenosis With Coronary Artery Disease: Physiology Is Essential
Lecturers: Flavio L. Ribichini
4:23 PM Roundtable Discussion With Audience QA

4:30 PM - 5:10 PM
Session III. Endovascular Intervention
Moderators: Osamu Iida, Shigeru Saito
Discussants: Masahiko Fujihara, Daizo Kawasaki, Masato Nakamura, Yoshimitsu Soga

4:30 PM IVUS Guided Recanalization for the Infrainguinal Chronic Total Occlusions
Lecturers: Daizo Kawasaki
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<th>Time</th>
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<th>Lecturer(s)</th>
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<tr>
<td>4:37 PM</td>
<td>Roundtable Discussion With Audience QA</td>
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<td>4:40 PM</td>
<td>Drug Solutions in Peripheral Intervention</td>
<td>Yoshimitsu Soga</td>
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<td>4:47 PM</td>
<td>Roundtable Discussion With Audience QA</td>
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<td>4:50 PM</td>
<td>Evolution of SFA Intervention in the Last Decade: The Retrospective Multicenter MK3 Study</td>
<td>Masahiko Fujihara</td>
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<td>4:57 PM</td>
<td>Roundtable Discussion With Audience QA</td>
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<td>5:00 PM</td>
<td>Three year Outcomes of Surgical Vs Endovascular Revascularization for Critical Limb Ischemia: The SPINACH Study</td>
<td>Osamu Iida</td>
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<td>5:07 PM</td>
<td>Roundtable Discussion With Audience QA</td>
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**ABCS OF INTERVENTATIONAL CARDIOLOGY**

**FRIDAY, SEPTEMBER 21, 2018**

**8:00 AM - 12:00 PM**

Room 28D-E, Upper Level

**8:00 AM - 9:15 AM**

**Session I. Basics of Cardiac Anatomy and Angiography**

Moderators: George D. Dangas, John M. Lasala

Discussants: Theodore A. Bass, Ricardo A. Costa, Hemal Gada, Vergheese Mathew, Miodrag C. Ostojic, Tanveer Rab

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<tr>
<th>Time</th>
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<th>Lecturer(s)</th>
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<tr>
<td>8:00 AM</td>
<td>Overview of Cardiac Valvular and Coronary Anatomy</td>
<td>Vijay Kunadian</td>
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<td>8:12 AM</td>
<td>Roundtable Discussion With Audience QA</td>
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<td>8:15 AM</td>
<td>Vascular Access Routes Complications and Vascular Rescue</td>
<td>Jose M. Wiley</td>
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<td>8:27 AM</td>
<td>Roundtable Discussion With Audience QA</td>
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<td>8:30 AM</td>
<td>Coronary Angiography: Setup Views Artifacts and Pitfalls</td>
<td>Vergheese Mathew</td>
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<tr>
<td>8:42 AM</td>
<td>Roundtable Discussion With Audience QA</td>
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<tr>
<td>8:45 AM</td>
<td>Intravascular Imaging: Core Concepts of IVUS OCT NIRS and More</td>
<td>Gary S. Mintz</td>
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<tr>
<td>8:57 AM</td>
<td>Roundtable Discussion With Audience QA</td>
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<tr>
<td>9:00 AM</td>
<td>Right and Left Heart Hemodynamic Support Options</td>
<td>John M. Lasala</td>
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<tr>
<td>9:12 AM</td>
<td>Roundtable Discussion With Audience QA</td>
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**9:15 AM - 10:30 AM**

**Session II. Overview of Cardiovascular Disease and Treatment**

Moderators: David A. Cox, Henning Kelbaek

Discussants: Vasim Farooq, Alok V. Finn, Grzegorz L. Kaluza, Elvin Kedhi, Afzalur Rahman, Elias Sanidas

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Lecturer(s)</th>
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<tbody>
<tr>
<td>9:15 AM</td>
<td>Coronary Artery Disease: Pathology and Pathogenesis</td>
<td>Grzegorz L. Kaluza</td>
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<tr>
<td>9:27 AM</td>
<td>Roundtable Discussion With Audience QA</td>
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<td>9:30 AM</td>
<td>Coronary Physiology: FFR and iFR</td>
<td>Allen Jeremias</td>
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<td>9:42 AM</td>
<td>Roundtable Discussion With Audience QA</td>
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<td>9:45 AM</td>
<td>Acute Coronary Syndromes: Treatment of NSTEMI and STEMI</td>
<td>Michael C. C. Kim</td>
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<td>9:57 AM</td>
<td>Roundtable Discussion With Audience QA</td>
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<td>10:00 AM</td>
<td>Left Main and Bifurcation Interventions</td>
<td>Ehtisham Mahmud</td>
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<td>10:12 AM</td>
<td>Roundtable Discussion With Audience QA</td>
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<tr>
<td>10:15 AM</td>
<td>Interventional Pharmacology Essentials for PCI and ACS</td>
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10:30 AM - 12:00 PM  
**Session III. Introduction to PCI and Valve Disease Interventions**  
Moderators: Joseph P. Carrozza Jr, Jose M. Wiley  
Discussants: Peter Barlis, Bimmer E. Cloessen, Giuseppe De Luca, Robert J. Gil, Hadley Wilson, Clemens von Birgelen

10:30 AM  Cath Lab Room Setup and Basic Equipment Guiding Catheters Wires and Balloons  
Lecturers: Jasvindar Singh  
10:42 AM  Roundtable Discussion With Audience QA  
10:45 AM  Drug Eluting Stent Platforms and Outcomes 2018  
Lecturers: Gennaro Sardella  
10:57 AM  Roundtable Discussion With Audience QA  
11:00 AM  Drug Eluting Stent Thrombosis and Restenosis: Mechanisms Frequency and Treatment  
Lecturers: Binita Shah  
11:12 AM  Roundtable Discussion With Audience QA  
11:15 AM  Atherotomy Cutting Scoring Lithotrispy Atherectomy Rotational Orbital Laser and Embolic Protection  
Lecturers: Robert T. Pyo  
11:27 AM  Roundtable Discussion With Audience QA  
11:30 AM  Aortic Valvular Heart Disease: Diagnosis and Treatment Options 2018  
Lecturers: Nicola Corvaja  
11:42 AM  Roundtable Discussion With Audience QA  
11:45 AM  Mitral Valvular Heart Disease: Diagnosis and Treatment Options 2018  
Lecturers: Ramon Quesada  
11:57 AM  Roundtable Discussion With Audience QA

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**SPECIAL SESSION: CONSENSUS SUMMIT ON TRANSLATIONAL PATHWAYS FOR CARDIOVASCULAR DEVICES (SPONSORED BY INTERNATIONAL SOCIETY FOR CARDIOVASCULAR TRANSLATIONAL RESEARCH)**

**FRIDAY, SEPTEMBER 21, 2018**  
8:00 AM - 5:00 PM  
Room 30A-C, Upper Level

8:00 AM - 8:20 AM  
**Introduction**

8:00 AM  Welcome Statement  
Lecturers: Spencer B. King III  
8:05 AM  ISCTR Mission and Statement of Meeting Purpose  
Lecturers: Nabil Dib

8:20 AM - 10:30 AM  
**Session I: Requirements for CV Devices Approval; Regulatory, Payers, and Practice Guidelines**  
Moderators: Spencer B. King III, Bram D. Zuckerman

8:20 AM  Regulatory Requirement for Marketing Approval including the Parallel Review NEST and Beyond  
Lecturers: Bram D. Zuckerman  
8:35 AM  CMS Requirement for Reimbursement for Innovation  
Lecturers: Lori Ashby  
8:50 AM  Practice Guideline Requirement for New Technology  
Lecturers: Alice K. Jacobs  
9:05 AM  Pre Clinical and Clinical Trial Design and Endpoints for Device Approval  
Lecturers: Chris Mullin, Roseann M White  
9:20 AM  Early Feasibility Studies for Device Evaluation  
Lecturers: Andrew Farb  
9:35 AM  The Patients Voice  
Lecturers: Mark Mercola  
9:45 AM  Panel Discussion
10:15 AM  Break

10:30 AM - 12:00 PM  Session II: ISCTR Award Presentation and Keynote Address
Moderators: Robert O. Bonow, Stan Rowe

10:30 AM  Presentation of the Glen and Marilyn Nelson Award for Innovation and Translation in Cardiovascular Medicine to Alain Cribier and Martin Leon presented by Stan Rowe and Robert Bonow

10:40 AM  Video Presentation of the Glen and Marilyn Nelson Award for Innovation and Translation in Cardiovascular Medicine

10:45 AM  The TAVR Development from Concept to First in Man
Lecturers: Alain G. Cribier

11:05 AM  The TAVR Development from First in Man to Phase 3 and Beyond
Lecturers: Martin B. Leon

11:25 AM  Lunch

12:00 PM - 12:50 PM  Session III: Translational Pathway for Transcatheter Aortic Valve Development
Moderators: Jeroen J. Bax, Martin B. Leon

12:00 PM  The Methods for Aortic Valve Development
Lecturers: Stan Rowe

12:15 PM  The Endpoints for Aortic Valve Development
Lecturers: Ori Ben-Yehuda

12:30 PM  Panel Discussion
Discussants: Jeroen J. Bax, Robert O. Bonow, Ian Meredith, Stan Rowe, Susan Strong, Bernard Vasseur, Bram D. Zuckerman

12:50 PM - 1:40 PM  Session IV: The Translational Pathway for Transcatheter Mitral/Tricuspid Valve Development
Moderators: Robert O. Bonow, John C Laschinger

1:05 PM  The Methods for Translational Mitral/Tricuspid Valve Development
Lecturers: Michael J. Mack

1:20 PM  Panel Discussion
Discussants: Wade Aubry, Blase A. Carabello, Steven L. Goldberg, Michael J. Mack, David Reuter, Sharon Saeger, Gregg W. Stone, Robert Thatcher, Patrick Verta, Changfu Wu

1:40 PM - 2:45 PM  Session V: The Translational Pathway for Coronary Stent Development
Moderators: Mitchell W. Krucoff, Gregg W. Stone

1:40 PM  The Methods for Coronary Stent Development
Lecturers: Chuck Simonton

1:55 PM  The Methods for Coronary Stent Development
Lecturers: Donald Cutlip

2:10 PM  Panel Discussion
Discussants: Donald Cutlip, John Dominguez, Neal Fearnot, Michael C. John, Spencer B. King III, Ian Meredith, Laura Perkins, Chuck Simonton

2:30 PM  Break

2:45 PM - 3:35 PM  Session VI: The Translational Pathway for Catheter Ablation Development
Moderators: Marco Cannella, Douglas Packer

2:45 PM  The Methods for Catheter Ablation Development
Lecturers: Douglas Packer

3:00 PM  The Endpoints for Catheter Ablation Development
Lecturers: Marco Cannella

3:15 PM  Panel Discussion
Discussants: Wade Aubry, Jun Dong, Larry Haffner, Anthony Hong, Timothy Laske, Amit Shanker
Session VII: The Translational Pathway for Left Ventricular Assist Device Development
Moderators: Ileana L. Pina, Magdi Yacoub

3:35 PM  The Methods for LVAD Development
Lecturers: Francis Pagani

3:50 PM  The Endpoints for LVAD Evaluation
Lecturers: Keith Aaronson

4:05 PM  Panel Discussion
Discussants: Keith Aaronson, Phil Adamson, Neil Argo, Robin Bostic, Kevin Bourque, Michael Minogue, Francis Pagani, Bernard Vasseur, Changfu Wu

4:25 PM - 5:00 PM  

Session VIII: Application of the Consensus Document
Moderators: Spencer B. King III, Bram D. Zuckerman

4:25 PM  Panel Discussion
Lecturers: Jeroen Bax
Discussants: Keith Aaronson, Lori Ashby, Jeroen J. Bax, Blase A. Carabello, Andrew Farb, Alice K. Jacobs, Chris Mullin, Douglas Packer, Stan Rowe, Chuck Simonton, Roseann M White

SPECIAL SESSION: TAVR FOUNDATIONS FOR FELLOWS (SPONSORED BY EDWARDS LIFESCIENCES)

FRIDAY, SEPTEMBER 21, 2018
8:00 AM - 6:00 PM
Room 30D-E, Upper Level

8:00 AM - 5:30 PM  

TAVR Foundations for Fellows
Lecturers: M. Andrew Morse, MD, Heidi Myers
Faculty: Rita Birchard, Rebecca T. Hahn, Marian C. Hawkey, Omar K. Khalique, Susheel K. Kodali, Tamim Nazif, Mark J. Russo, Torsten P. Vahl

8:00 AM  Welcome and Introduction
Lecturers: Rita Birchard

8:15 AM  TAVR Evolution and PARTNER Data Overview
Lecturers: Susheel K. Kodali

9:00 AM  Valve Clinic Structure and Patient Screening
Lecturers: Marian C. Hawkey

9:30 AM  Break

9:45 AM  Echocardiography for TAVR
Lecturers: Rebecca T. Hahn

10:15 AM  CT Imaging for TAVR
Lecturers: Torsten P. Vahl

10:45 AM  Transfemoral Procedure: Device Overview and Case Review
Lecturers: Tamim Nazif

11:45 AM  Break and Box Lunch

12:30 PM  Dont Dismiss the Importance of TAVR Economics
Lecturers: Heidi Myers

1:00 PM  Case Study Panel: Complex Cases and Complications  Alternative AccessComplex Cases and Challenging Anatomy and Complication Management
Lecturers: Mark J. Russo

2:30 PM  Hands on Workshops: Room 31A  CT Workstation Echo Workstation Procedure Simulator and Hands on Device Demonstration
Lecturers: Omar K. Khalique, M. Andrew Morse, MD

4:00 PM  Aortic and Mitral Valve in Valve Procedure and Case Review

4:45 PM  Panel Discussion: Transitioning to a TAVR Center
Lecturers: Mark J. Russo

TCT ENDOVASCULAR: CONTROVERSIES AND COMPLEX DECISION-MAKING IN VASCULAR DISEASE

FRIDAY, SEPTEMBER 21, 2018
8:00 AM - 5:10 PM
Room 25A-B, Upper Level
8:00 AM - 10:58 AM

Session I. SFA and Popliteal Therapies
Moderators: Gary M. Ansel, Ehrin J. Armstrong
Discussants: George S Chrysant, Eric J. Dippel, Steve Henao, Osamu Iida, Sahil A. Parikh, Darren B Schneider, Mehdi H. Shishehbor

8:00 AM  Case Study: A Long Segment SFA CTO
    Case Presenter: Mohammad Mehdi Ansari

8:08 AM  How to Optimize Intraluminal Antegrade Crossing for SFA CTOs: Dedicated Wires and Crossing Devices
    Lecturers: Steve Henao

8:16 AM  When Antegrade Fails: Retrograde Crossing Strategies for SFA CTOs
    Lecturers: Arthur C. Lee

8:24 AM  Percutaneous Bypass: Update on the DETOUR and DETOUR II Trials
    Lecturers: Grzegorz Halena

8:32 AM  Re Entry Required: When to Pull Which Device to Get Back Into the True Lumen
    Lecturers: Beau Hawkins

8:40 AM  A Hybrid Algorithm for Crossing SFA and Popliteal CTOs
    Lecturers: Subhash Banerjee

8:48 AM  Roundtable Discussion  Crossing SFA CTOs

8:57 AM  Severe Calcification in the SFA: Definitions and Associations With Outcomes
    Lecturers: Jeffrey J. Popma

9:05 AM  Roundtable Discussion  Treatment Strategies for Long Segment SFA CTOs

9:13 AM  Will Adjunctive Atherectomy Improve the Outcomes of Drug Coated Balloons in Complex SFA Lesions
    Lecturers: Mehdi H. Shishehbor

9:21 AM  Roundtable Discussion  Calcified SFA Lesions

9:30 AM  Debate: Stents are Still the Best Endovascular Treatment for Long Segment SFA CTOs
    Lecturers: Gary M. Ansel

9:45 AM  Debate: Drug Coated Balloons Should be the Primary Treatment Strategy for Long Segment SFA CTOs
    Lecturers: Carlos I. Mena-Hurtado

9:50 AM  Roundtable Discussion  Treatment Strategies for Long Segments SFA CTOs

9:59 AM  Angiographic Dissections After Balloon Angioplasty and Their Association With Outcomes
    Lecturers: Osamu Iida

10:07 AM  Is Intravascular Imaging Necessary to Accurately Identify and Quantify Dissections After Balloon Angioplasty
    Lecturers: Nicolas W Shammas

10:15 AM  New Treatment Approaches for SFA Disease: Tacks Shocks and Adventitial Drug Delivery
    Lecturers: Ehrin J. Armstrong

10:23 AM  What is the Optimal Endovascular Treatment for SFA In Stent Occlusions
    Lecturers: Craig M. Walker

10:31 AM  Treatment Strategies to Optimize Endovascular Outcomes of TASC CD Aortoiliac Lesions
    Lecturers: Patrice Mwipatayi

10:39 AM  Debate: Common Femoral Artery Lesions Can be Treated with Endovascular Techniques
    Lecturers: Yann Gouëffic

10:44 AM  Debate: Common Femoral Artery Disease Should be Treated Surgically
    Lecturers: Matthew T. Menard

10:52 AM  Roundtable Discussion  Optimal Treatment of Common Femoral Artery Disease

10:58 AM - 12:54 PM

Session II. Aortic/Mesenteric Therapies
Moderators: Sahil A. Parikh, Virendra I Patel

10:58 AM  Renal Artery Interventions After ASTRAL and CORAL: Who Should We Treat
    Lecturers: Kenneth Rosenfield

11:06 AM  Optimal Renal Stenting Technique
    Lecturers: Sahil A. Parikh

11:14 AM  ISR and Complex Anatomy in Renal Stenting
    Lecturers: Mark C. Bates

11:22 AM  Roundtable Discussion  The Uncertain in Renal Artery Intervention

11:27 AM  Open Endovascular Management of Acute Mesenteric Ischemia
Lecturers: Robert Lancaster

11:35 AM Patient and Procedure Selection for Chronic Mesenteric Ischemia to Optimize Outcomes
Lecturers: Zubin Irani

11:43 AM Roundtable Discussion  Optimal Percutaneous Techniques in Mesenteric Ischemia

11:48 AM Consensus Guidelines for Timing and Treatment of Abdominal Aortic Aneurysms
Lecturers: S. Jay Mathews

11:56 AM Managing Challenging Access to Ensure Successful Aortic Endografting
Lecturers: J. Michael Bacharach

12:04 PM New Devices and Future Technologies for Management of Infrarenal Abdominal Aortic Aneurysms
Lecturers: Robert M. Bersin

12:12 PM Open vs Endovascular Aortic Aneurysm Repair: Important Factors in Clinical Decision making
Lecturers: Virendra I Patel

12:20 PM Management of Endoleaks and New Data on Long term Durability of Aortic Endografts
Lecturers: Christopher Abularrage

12:28 PM Case Presentation: Complex Endograft FEVAR
Case Presenter: Matt Eagleton

12:36 PM Case Presentation: Endograft for Aortoiliac Occlusive and Aneurysmal Disease
Case Presenter: Darren B Schneider

12:44 PM Roundtable Discussion  Training Requirements for EVAR

12:54 PM - 2:32 PM
Session III. Venous Disease Therapies
Moderators: Raghu Kolluri, Mahmood K. Razavi
Discussants: Teresa L. Carman, John Moriarty, Gregory Piazza, Brooke Spencer

12:54 PM After the ATTRACT Trial: Which Patients With Acute Deep Vein Thrombosis Should Receive Endovascular Therapy
Lecturers: Teresa L. Carman

1:02 PM Status of Venous Stents to Treat Venous Obstruction
Lecturers: Mahmood K. Razavi

1:10 PM Existing and Future Therapies for Chronic Deep Vein Thrombosis
Lecturers: Brooke Spencer

1:18 PM Novel Therapies for Superficial Venous Insufficiency: Thermal and Non thermal Technologies
Lecturers: Raghu Kolluri

1:26 PM Case Presentation: Worst DVT Ever
Case Presenter: Gregory Piazza

1:34 PM Case Presentation: Reconstruction of Complex Venous Occlusion
Case Presenter: John Moriarty

1:42 PM Catheter Based Therapy for Acute Pulmonary Embolism: What Does the Data Tell Us
Lecturers: Akhilesh K. Sista

1:50 PM Emerging Technologies to Treat Acute Pulmonary Embolism
Lecturers: Mahmood K. Razavi

1:58 PM Case Presentation: Endovascular Treatment of a Massive Pulmonary Embolism
Case Presenter: John Moriarty

2:06 PM Indications for IVC Filters in 2018
Lecturers: Ido Weinberg

2:14 PM Case Presentation: Extreme IVC Filter Removal
Case Presenter: John Moriarty

2:22 PM Roundtable Discussion with Audience QA

2:32 PM - 4:10 PM
Session IV. Acute and Chronic Cerebrovascular Disease Therapies
Moderators: Aman B. Patel, Kenneth Rosenfield
Discussants: Matthew Koch, Christopher J. Kwolek, Raul Nogueira, Stephen R. Ramee, Adnan Siddiqui, Brian Walcott

2:32 PM Carotid Artery Disease Access: Femoral Radial and Direct Carotid Techniques
Lecturers: Christopher J. Kwolek

2:40 PM Carotid Artery Disease Access: When and How Should a Difficult Arch be Navigated
Lecturers: Adnan Siddiqui

2:48 PM Carotid Artery Disease Technical Considerations: Embolic Protection Options and Selection
Lecturers: Sriram S. Iyer

2:56 PM Carotid Artery Disease Patient Selection: Impact of Plaque Morphology and Advanced Imaging Options
Lecturers: Michael Lev
3:04 PM  Carotid Artery Stenting: Synthesizing the Current Randomized Trial Evidence  
Lecturers: Kenneth Rosenfield

3:12 PM  Roundtable Discussion  Carotid Artery Disease Patient Selection and Technical Considerations

3:21 PM  Acute Stroke Treatments: Rapid Review of the Latest Data  
Lecturers: Raul Nogueira

3:29 PM  Logistics of Stroke Care: Requirements of an Effective Care System

3:37 PM  Role of Artificial Intelligence in Patient Selection  
Lecturers: Michael Lev

3:45 PM  Thrombectomy Techniques: Aspiration vs Stent Retriever

3:53 PM  Edges of Patient Selection for Stroke Thrombectomy: Low NIHSS and Large Core  
Lecturers: Raul Nogueira

4:01 PM  Roundtable Discussion  Future of Stroke Care

4:10 PM - 5:10 PM  
Session V. Best Cases of the Year  
Moderators: Robert A. Lookstein, Sahil A. Parikh  
Discussants: Danielle Bajakian, Marco Manzi, Aman B. Patel, Virendra I Patel

4:10 PM  My Best Case  Lower Extremity PAD Intervention  
Case Presenter: Danielle Bajakian

4:20 PM  My Best Case  Deep Venous Disease Intervention  
Case Presenter: Robert A. Lookstein

4:30 PM  My Best Case  CLI Intervention  
Case Presenter: Marco Manzi

4:40 PM  My Best Case  Neuro Intervention  
Case Presenter: Aman B. Patel

4:50 PM  My Best Case  Aortic Intervention  
Case Presenter: Virendra I Patel

5:00 PM  My Best Case  Combined Coronary and Peripheral Intervention  
Case Presenter: Sahil A. Parikh

INTERVENTIONAL INNOVATION I

FRIDAY, SEPTEMBER 21, 2018
8:00 AM - 1:30 PM
Room 29A-B, Upper Level

8:00 AM - 9:20 AM  
Coronary Interventions and Technologies  
Moderators: Alexandre Abizaid, Robert S. Schwartz  
Discussants: Fernando Alfonso, Antonio Colombo, Giovanni Esposito, Francesco Prati, Evelyn S. Regar, Bruno Scheller

8:00 AM  Featured Lecture: Innovation in Percutaneous Coronary Intervention: Remaining Clinical Needs Challenges and Opportunities  
Lecturers: Robert A. Byrne

9:20 AM - 10:20 AM  
Innovations in Peripheral Vascular Interventions  
Moderators: George L Adams, Tony Das, William A. Gray  

Lecturers: George L Adams

9:27 AM  Peripheral CTO crossing with the SoundBite Active Wire SoundBite  
Lecturers: Eric Therasse

9:34 AM  First Report of the 12 Month Outcomes of SELUTION Trial: A Novel Sirolimus Coated DCB Technology Evaluated in SFA MedAlliance  
Lecturers: Klaus Brechtel

9:41 AM  Moderated Discussion with QA

9:48 AM  Clinical Outcomes of Sirolimus Eluting Bioreabsorbable Peripheral Scaffold System in Subjects with Critical Limb Ischemia Disease due to De Novo Lesions  
Meril  
Lecturers: Gireesh Warwadekar

9:55 AM  Percutaneous Deep Vein aRterialization for the Treatment of Late Stage Critical LiMb ISchEmia The PROMISE Trial: Early Feasibility Interim Results LimFlow
Lecturers: Jihad Mustapha

10:09 AM  
**BlueLeaf: Initial Experience with a Percutaneous Approach to Deep Vein Reflux**
Lecturers: Ramon L Varcoe

10:12 AM  
**Moderated Discussion with QA**

10:20 AM - 11:30 AM  
**Interventional Heart Failure**

Moderators: Daniel Burkhoff, Ulrich P. Jorde
Discussants: Navin K. Kapur, John M. Lasala, Liwen Liu, Jeffrey W. Moses, Ileana L. Pina, Boris Rudenko

10:20 AM  
**Featured Lecture: New Interventional Opportunities for Device Development in the Heart Failure**
Lecturers: Ulrich P. Jorde

10:30 AM  
**Cryoablation Method for Pulmonary Artery Sympathetic Denervation in Patients with Chronic Heart Failure and Pulmonary Hypertension First in Man Study**
Lecturers: Boris Rudenko

10:38 AM  
**New Treatment Option for HOCM: Percutaneous Intramyocardial Radiofrequency Ablation**
Lecturers: Liwen Liu

10:46 AM  
**Cardiac Autonomic Nerves Stimulation Improves Hemodynamics: A Pilot Study in Advanced Heart Failure Patients**
Lecturers: Michael Cuchiara

10:54 AM  
**Moderated Discussion with QA**

11:04 AM  
**Occlusion of the Superior Vena Cava to Reduce Cardiac Filling Pressures is Safe and Feasible in Acutely Decompensated Heart Failure: A First in Man Proof of Concept Study**
Lecturers: Navin K. Kapur

11:12 AM  
**Selective CRP Apheresis as a New Treatment Option in Acute Myocardial Infarction: First Results of the CAMI1 Study**
Lecturers: Christoph Garlichs

11:20 AM  
**Moderated Discussion With QA**

11:30 AM - 1:30 PM  
**Featured Session in Digital Health Care**

Moderators: Sanjeev Bhavnani, Issam D. Moussa
Lecturers: Ken Persen
Discussants: Louis A. Cannon, Mohua Choudhury, Peter J. Fitzgerald, Chaim S. Lotan, Seth Martin, Lonny Reisman

11:30 AM  
**Featured Lecture 1: Digital Health Solutions in Cardiology: The Hope the Hype and the Future**
Lecturers: Sanjeev Bhavnani

**INTERVENTIONAL INNOVATION II**

**FRIDAY, SEPTEMBER 21, 2018**

1:30 PM - 5:30 PM  
Room 29A-B, Upper Level

1:30 PM - 2:50 PM  
**TAVR Innovation and Ancillary Technologies**

Moderators: Axel Linke, John G. Webb
Discussants: Hemal Gada, Isaac George, Adam B. Greenbaum, Neal S. Kleiman, Ran Kornowski, Thomas Modine, Giuseppe Tarantini

1:30 PM  
Lecturers: Martin B. Leon

2:50 PM - 4:30 PM  
**Trans-Catheter Mitral Valve Intervention**

Moderators: Vinayak Bapat, Juan F. Granada
Discussants: Steven L. Almany, Samir R. Kapadia, Issam D. Moussa, David W.M. Muller, Ulrich Schäfer, Mathew Williams

2:50 PM  
**Featured Lecture: Trans Catheter Mitral Valve Intervention: Technical and Clinical Lessons Learned from Early Human Clinical Studies**
Lecturers: Vinayak Bapat

4:30 PM - 5:30 PM  
**Trans-catheter Tricuspid Valve Intervention**

Moderators: Azeem Latib, Georg Nickenig
Discussants: Charles J. Davidson, Paolo Denti, Rebecca T. Hahn, Christopher U. Meduri, Issam D. Moussa, Maurizio Taramasso

4:30 PM  
**Featured Lecture: Catheter Based Tricuspid Intervention: Current Technical Challenges and Early Clinical Experiences**
Lecturers: Maurizio Taramasso
4:38 PM  Simplifying TTVR with a Novel Cinching System Tricinch  
Lecturers: Jan Van der Heyden

4:45 PM  Minimally Invasive Tricuspid Valve Annuloplasty Repair Technology MIATM Microinterventional Devices: Early Clinical Experience  
Lecturers: Mathew Williams

4:52 PM  Transcatheter Tricuspid Valve Repair: Results From The Multicenter Trial 6 Month Outcomes  
Lecturers: Georg Nickenig

4:59 PM  Moderated Discussion With QA

5:05 PM  First in human Transcatheter Tricuspid Valve Repair by the Mistral device Mitralix  
Lecturers: Haim Danenberg

5:12 PM  Compassionate Use of the PASCAL System for Transcatheter Tricuspid Repair: A Multicenter First in Human Experience Edwards  
Lecturers: Ralph Stephan von Bardeleben

5:19 PM  Moderated Discussion With QA
BREAKFAST PROGRAM: FUTURE PERSPECTIVES AND TECHNOLOGIES IN BTK INTERVENTION (SPONSORED BY CRF, SUPPORTED BY ABBOTT, BOSTON SCIENTIFIC CORPORATION, AND MEDTRONIC)

SATURDAY, SEPTEMBER 22, 2018
6:30 AM - 8:00 AM
Room 30D-E, Upper Level

6:30 AM - 7:00 AM
Check-In & Breakfast

7:00 AM - 8:00 AM
Future Perspectives and Technologies in BTK Intervention
Co Chairs: Juan F. Granada, Sahil A. Parikh
Lecturers: William A. Gray
Faculty: George L Adams, Ehrin J. Armstrong, Luis Mariano Palena, Ramon L Varcoe

7:00 AM Introduction and Session Objectives
Lecturers: Sahil A. Parikh

7:02 AM Case Presentations: Unmet Needs in CLI
Lecturers: George L Adams

7:14 AM Crossing Technologies: Available Tools and Outcomes
Lecturers: Ehrin J. Armstrong

7:24 AM Moderated Discussion

7:26 AM Dedicated Scaffolds and Stents
Lecturers: Ramon L Varcoe

7:36 AM Moderated Discussion

7:38 AM Emergent Drugs and Local Drug Delivery Systems
Lecturers: William A. Gray

7:48 AM Moderated Discussion

7:50 AM Panel Discussion: Unmet Needs in BTK Intervention: Where Are We Now and Where Are We Going

8:00 AM Adjourn

BREAKFAST PROGRAM: INTRA-AORTIC BALLOON COUNTERPULSATION FOR PERCUTANEOUS AORTIC VALVE OR COMPLEX PCI PROCEDURES - AWARD WINNING CASE PRESENTATIONS (ORGANIZED BY CRF, SPONSORED BY GETINGE)

SATURDAY, SEPTEMBER 22, 2018
6:30 AM - 8:00 AM
Room 24A-B, Upper Level

6:30 AM - 8:00 AM
Intra-aortic Balloon Counterpulsation for Percutaneous Aortic Valve or Complex PCI Procedures - Award Winning Case Presentations
Chairs: Tayo A. Addo, George D. Dangas, Jose M. Wiley
Faculty: Lampson Fan, Tomasz Gasior, Stefanos Votsis

6:30 AM Check in Breakfast

7:00 AM Rocks and Balloons
Lecturers: Lampson Fan

7:15 AM QA

7:20 AM How to Fix a Broken Heart  Percutaneous Management of Acute Ischemic Left Ventricular Free Wall Rupture
Lecturers: Tomasz Gasior

7:35 AM QA

7:40 AM Intra aortic Balloon Pump Utilization in a Patient With Cardiogenic Shock Following Cardiac Arrest Due to Partial Left Main Coronary Artery Occlusion Which Was Caused By Valve annulus Remodeling of a Bioprosthetic Aortic Valve 60 Days After TAVR Procedure
Lecturers: Stefanos Votsis
BREAKFAST PROGRAM: NEW TREATMENT STRATEGIES FOR CARDIOGENIC SHOCK: IMPELLA EXPANDED INDICATIONS (ORGANIZED BY CRF, SPONSORED BY ABIOMED, INC.)

SATURDAY, SEPTEMBER 22, 2018
6:30 AM - 8:00 AM
Room 238-C, Upper Level

6:30 AM - 7:00 AM
Check-In & Breakfast

7:00 AM - 8:00 AM
New Treatment Strategies for Cardiogenic Shock: Impella Expanded Indications
Chairs: William W. O’Neill
Faculty: Cindy L. Grines, Navin K. Kapur

7:00 AM  Advances in the Treatment of Cardiovascular Disease in Women: PCI MI Shock Myocarditis SCAD and Post partum Cardiomyopathy
Lecturers: Cindy L. Grines

7:15 AM  Discussion

7:20 AM  The Impact of The Cardiogenic Shock Initiative NCSI: One Year Later
Lecturers: William W. O’Neill

7:35 AM  Discussion

7:40 AM  Understanding the Importance of Ventricular Unloading in Management of AMI and Cardiogenic Shock
Lecturers: Navin K. Kapur

7:55 AM  Discussion

8:00 AM  Adjourn

BREAKFAST PROGRAM: PCI COMPLICATIONS: THE BEST OF THE WORST (SPONSORED BY CRF, SUPPORTED BY MEDTRONIC)

SATURDAY, SEPTEMBER 22, 2018
6:30 AM - 8:00 AM
Room 28D-E, Upper Level

6:30 AM - 7:00 AM
Check-In & Breakfast

7:00 AM - 8:00 AM
PCI Complications: The Best of the Worst
Co Chairs: Manish A. Parikh, Jasvindar Singh
Faculty: Nirat Beohar, David A. Cox, James B. Hermiller Jr, Dimitri Karmpaliotis

7:00 AM  The Coronary Perforation Nightmare
Lecturers: Dimitri Karmpaliotis

7:10 AM  Discussion

7:15 AM  The Coronary that Spiraled Out of Control
Lecturers: James B. Hermiller Jr

7:25 AM  Discussion

7:30 AM  The Slam Dunk STEMI: No Reflow and Beyond
Lecturers: David A. Cox

7:40 AM  Discussion

7:45 AM  My Worst Vascular Complication of the Year
Lecturers: Nirat Beohar

7:55 AM  Discussion
### BREAKFAST PROGRAM: RENAL DENERVATION: TRIAL DESIGN REALLY MATTERS (SPONSORED BY CRF, SUPPORTED BY MEDTRONIC)

**SATURDAY, SEPTEMBER 22, 2018**  
6:30 AM - 8:00 AM  
Room 26A-B, Upper Level

<table>
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<th>Time</th>
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<tr>
<td>6:30 AM - 7:00 AM</td>
<td><strong>Check-In &amp; Breakfast</strong></td>
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</table>
| 7:00 AM | **Welcome**  
Lecturers: David E. Kandzari |
| 7:05 AM | **The SPYRAL OFF and ON MEDS Program and Next Steps**  
Lecturers: Andrew Sharp |
| 7:17 AM | **Renal Denervation in Clinical Practice: Real World Experience and Lessons Learned**  
Lecturers: Felix Mahfoud |
| 7:29 AM | **What Additional Evidence I Need or Don’t to Incorporate RDN into Clinical Practice**  
Lecturers: Michael A. Weber |
| 7:41 AM | **Discussion** |
| 8:00 AM | **Adjourn** |

### BREAKFAST PROGRAM: SIMPLIFY AND OPTIMIZE YOUR PCI WITH ENHANCED IMAGING AND ADVANCED PHYSIOLOGY (SPONSORED BY ACIST & MEDTRONIC)

**SATURDAY, SEPTEMBER 22, 2018**  
6:30 AM - 8:00 AM  
Room 25A-B, Upper Level

<table>
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<tr>
<td>6:30 AM - 8:00 AM</td>
<td><strong>Check in Breakfast</strong></td>
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</table>
| 7:00 AM | **Welcome**  
Lecturers: Ziad A. Ali |
| 7:05 AM | **Current Practices and New Approaches for Best Outcomes**  
Lecturers: Morton J. Kern |
| 7:15 AM | **Resting Indices for Physiologic Assessment: Are they all created equally**  
Lecturers: Arnold Seto |
| 7:25 AM | **Using Physiology and Imaging Tools for Post PCI Assessment: Are you finished**  
Lecturers: Joost Daemen |
| 7:40 AM | **Imaging and Physiology Guided PCI Without Contrast Administration: Is this the future**  
Lecturers: Ziad A. Ali |
| 7:55 AM | **Wrap up and QA** |
| 8:00 AM | **Adjourn** |

### MAIN ARENA I, SATURDAY, SEPT. 22

**SATURDAY, SEPTEMBER 22, 2018**
8:00 AM - 1:00 PM
Main Arena, Hall F, Ground Level

8:00 AM - 9:30 AM
Live Cases #1
Live Case Moderators: Martin B. Leon
Live Case Co Moderators: Michael J. Mack
Live Case Discussants: Alexandre Abizaid, John K. Forrest, J. Aaron Grantham, David Hildick-Smith, Dimitri Karmpaliotis, Susheel K. Kodali, Amir Lerman, Michael J. Reardon, Carlos E. Uribe, R. Michael Wyman
Factoid Faculty: Christine J. Chung, Amirali Masoumi, Megha Prasad, Sabato Sorrentino, Eisuke Usui

8:00 AM
University of Washington Medical Center Regional Heart Center Seattle WA
Live Case Operators: Ravi S. Hira, William L. Lombardi, James M. McCabe

8:45 AM
Mayo Clinic Rochester MN
Live Case Operators: Mackram F. Eleid, Robert Frantz, Mayra Guerrero, Chet Rihaal, Gurpreet S. Sandhu

9:30 AM - 9:36 AM
TCT 2018 - 30th Anniversary

9:30 AM
30th Anniversary
Moderators: Martin B. Leon, Gregg W. Stone

9:36 AM - 10:03 AM
Rapid Fire Case Controversies: Coronary
Moderators: Antonio Colombo, Ajay J. Kirtane
Discussants: Junbo Ge, Michael Haude, Stuart J. Head, Simon Redwood, Gennaro Sardella

9:36 AM
Complex Coronary Artery Disease: PCI vs CABG
Case Presenter: Davide Capodanno

9:45 AM
STEMI With Multivessel Disease: How To Proceed
Case Presenter: Pieter C. Smits

9:54 AM
High Risk Elective PCI: Is Hemodynamic Support Necessary
Case Presenter: David G. Rizik

10:03 AM - 10:15 AM
TCT 2018 Geoffrey O. Hartzler Master Operator Award
Moderators: Martin B. Leon, Gregg W. Stone
Award Recipients: John G. Webb

10:03 AM
TCT 2018 Geoffrey O Hartzler Master Operator Award
Moderators: Martin B. Leon, Gregg W. Stone
Award Recipients: John G. Webb

10:15 AM - 11:15 AM
Late-Breaking Trials 1, Sponsored by the Lancet
Moderators: Gregg W. Stone
Co Moderator: Stuart Spencer
Discussants: Gary M. Ansel, Robert A. Byrne, Didier Carrié, Michael R. Jaff, Jens Flensted Lassen, Tullio Palmerini, Sahil A. Parikh, Thomas Pilgrim, Mahmoud K. Razavi, Manel Sabate

10:15 AM
IMPERIAL: A Randomized Trial of Drug Eluting Stents for Treatment of Femoropopliteal Artery Lesions
Lecturers: William A. Gray

10:27 AM
Roundtable Discussion

10:35 AM
BIONYX: A Randomized Trial Evaluating a Thin Composite Wire Strut Durable Polymer Based DES Compared with an Ultra Thin Strut Bioresorbable Polymer Based DES in an All Comers Patient Population
Lecturers: Clemens von Birgelen

10:47 AM
Roundtable Discussion

10:55 AM
ReCre8: A Randomized Trial Evaluating a Polymer Free Coronary Drug Eluting Stent in an All Comers Patient Population
Lecturers: Pieter R. Stella

11:07 AM
Roundtable Discussion

11:15 AM - 12:00 PM
Live Case #2
Live Case Moderators: Ajay J. Kirtane
11:15 AM University of California San Diego San DiegoCA
Live Case Operators: Ang Lawrence, Ehtisham Mahmud, Mitul Patel, Ryan Reeves

12:00 PM - 1:00 PM Late-Breaking Trials 2, Co-Sponsored by Circulation
Moderators: Sunil V. Rao
Co Moderator: Rob Gropler, Dharam J. Kumbhani
Discussants: Andreas Baumbach, Donald Cutlip, David E. Kandzari, Marie-Claude Morice, Francesco Prati, Sigmund Silber, Giulio Stefanini, Philip M. Urban

12:00 PM LEADERS FREE II: Evaluation of a Polymer Free Coronary Drug Eluting Stent in High Bleeding Risk Patients With One Month Dual Antiplatelet Therapy
Lecturers: Mitchell W. Krucoff

12:12 PM Roundtable Discussion

12:20 PM SORT OUT IX: A Randomized Trial Comparing a Polymer Free Coronary Drug Eluting Stent With an Ultra Thin Strut Bioresorbable Polymer Based Drug Eluting Stent in an All Comers Patient Population
Lecturers: Lisette Okkels Jensen

12:32 PM Roundtable Discussion

12:40 PM TALENT: A Randomized Trial Evaluating an Ultra Thin Strut Bioresorbable Polymer Based Coronary Drug Eluting Stent in an All Comers Patient Population
Lecturers: Patrick W. Serruys

LIVE CASE THEATER I, SATURDAY, SEPT. 22

SATURDAY, SEPTEMBER 22, 2018
8:00 AM - 12:00 PM
Ballroom 20, Upper Level

8:00 AM - 10:00 AM Session I. Live Cases: Robot-CHIP/CHIP
Live Case Moderators: Giora Weisz
Live Case Co Moderators: Jeffrey W. Moses
Live Case Discussants: J. Dawn Abbott, Yaron Almagor, Rafael Beyar, Kenneth Chin, Javier Escofed, Jean Fajadet, Gary Gershony, Aaron V. Kaplan, Akiko Maehara, Richard Shlofmitz
Factoid Faculty: Matthew T Finn, Paul Guedeney, Amirali Masoumi, Masahiko Noguchi, Evan Shlofmitz

8:00 AM University of California San Diego San Diego CA
Live Case Operators: Ang Lawrence, Ehtisham Mahmud, Mitul Patel, Ryan Reeves

9:00 AM Scripps Clinic and Research Foundation La Jolla California
Live Case Operators: Matthew J. Price, Curtiss T. Stinis, Paul S. Teirstein

10:00 AM - 12:00 PM Session II. Live Cases: SHD
Live Case Moderators: Francesco Maisano
Live Case Co Moderators: Maurice E. Sarano
Factoid Faculty: Matthew T Finn, Paul Guedeney, Amirali Masoumi, Masahiko Noguchi, Evan Shlofmitz

10:00 AM University of Washington Medical Center Regional Heart Center
Live Case Operators: Danny Dvir, G. Burkhard Mackensen, James M. McCabe, Mark Reisman
Lecturers: Gabriel Aldea

11:00 AM Mayo Clinic Rochester MN
Live Case Operators: Mackram F. Ekleb, Robert Frantz, Mayra Guerrero, Chet Rihal, Gurpreet S. Sandhu

LIVE CASE THEATER II, SATURDAY, SEPT. 22

SATURDAY, SEPTEMBER 22, 2018
2:00 PM - 6:00 PM
Ballroom 20, Upper Level
TRANSCATHETER CARDIOVASCULAR THERAPEUTICS | SATURDAY, SEPTEMBER 22, 2018

2:00 PM - 4:00 PM
Session I. Live Case: LM/Bifurc
Live Case Moderators: Jean Fojadet
Live Case Co Moderators: Erick Schampaert
Live Case Discussants: Dietmar H. Glogar, Nicholas J. Lembo, Yves R. Louvard, Simon Redwood, Bernhard Reimers, Samin K. Sharma, Bernhard Witzenbichler, Bo Xu
Factoid Faculty: Matthew T Finn, Paul Guedeney, Amirali Masoumi, Evan Shlomfmitz, Eisuke Usui

2:00 PM Cedars Sinai Medical Center Los Angeles California
Live Case Operators: Suhail Dohad, Saibal Kar, Mehran Khorsandi, Moody M Makar, Raj Makkar, Mamoo Nakamura, Siddhart Singh, Sabah Skaf, Laura Zung

3:00 PM Scripps Clinic and Research Foundation La Jolla California
Live Case Operators: Matthew J. Price, Curtiss T. Stinis, Paul S. Teirstein

4:00 PM - 6:00 PM
Session II. Live Case: LAAC
Live Case Moderators: Vivek Y. Reddy
Live Case Co Moderators: David R. Holmes Jr.
Live Case Discussants: Shephal Doshi, Petr Neuizil, Fabian Nietlispach, Stephane Noble, Tobias Tichelbäcker, Apostolos Tzikas, Paul Vermeersch, Dee Dee Wang, Brian K. Whisenant
Factoid Faculty: Matthew T Finn, Paul Guedeney, Amirali Masoumi, Evan Shlomfmitz, Eisuke Usui

4:00 PM Cedars Sinai Medical Center Los Angeles California
Live Case Operators: Suhail Dohad, Saibal Kar, Mehran Khorsandi, Moody M Makar, Raj Makkar, Mamoo Nakamura, Siddhart Singh, Sabah Skaf, Laura Zung

5:00 PM Scripps Clinic and Research Foundation La Jolla California
Live Case Operators: Matthew J. Price, Paul S. Teirstein

KEYNOTE INTERVENTIONAL STUDIES I: ENDOVASCULAR INTERVENTIONS

SATURDAY, SEPTEMBER 22, 2018
1:00 PM - 2:00 PM
Ballroom 6A, Upper Level

1:00 PM Keynote Interventional Studies I: Endovascular Interventions
Moderators: Bruno Scheller, Craig M. Walker
Discussants: George L Adams, Subhash Banerjee, Tony Das, Eric J. Dippel, Khusrow Niazi, Mahmoud K. Razavi, Eric A Secemsky

1:00 PM IMPACT DCB: Pooled Multistudy Assessment of Drug Coated Balloon Treatment for Femoropopliteal Peripheral Artery Disease
Lecturers: Mehdi H. Shishehbor

1:10 PM Discussion

1:15 PM EffPac RCT: A Randomized Trial Evaluating a Drug Coated Balloon in Superficial Femoral and Popliteal Arteries
Lecturers: Ulf Teichgräber

1:25 PM Discussion

1:30 PM DANCE: Two Year Outcomes of Adventitial Dexamethasone Delivery During Femoropopliteal Revascularization
Lecturers: Ehrin J. Armstrong

1:40 PM Discussion

1:45 PM Use and Outcomes With Drug Coated Balloons in Patients With Lower Extremity Peripheral Artery Disease
Lecturers: Schuyler Jones

1:55 PM Discussion

KEYNOTE INTERVENTIONAL STUDIES II: ACUTE CORONARY SYNDROMES, CARDIOGENIC SHOCK, AND HEMODYNAMIC SUPPORT

SATURDAY, SEPTEMBER 22, 2018
3:00 PM - 4:00 PM
Ballroom 6A, Upper Level

3:00 PM Keynote Interventional Studies II: Acute Coronary Syndromes, Cardiogenic Shock, and Hemodynamic Support
Moderators: Jonathan M. Hill, E. Magnus Ohman
Discussants: Christian W. Hamm, Biswajit Kar, Upendra Kaul, Zuzana Motovska, Graham Nichol, Duane S. Pinto, Pieter C. Smits, William M Suh
3:00 PM AMICS: Predictors of Survival in Patients With Acute Myocardial Infarction and Cardiogenic Shock Supported With a Percutaneous Left Ventricular Assist Device
Lecturers: William W. O’Neill
Discussion

3:15 PM SHIELD II: Acute Outcomes and 90 Day Results in Patients Undergoing High Risk PCI Supported With a Percutaneous Left Ventricular Assist Device
Lecturers: David E. Kandzari
Discussion

3:30 PM TROPICAL ACS: Platelet Reactivity and Clinical Outcomes in Acute Coronary Syndrome Patients Treated With Prasugrel and Clopidogrel
Lecturers: Dániel Aradi
Discussion

3:45 PM CvLPRIT: Long term Follow up From a Randomized Trial of Early Complete Revascularization in Patients With Acute Myocardial Infarction and Multivessel Disease
Lecturers: Anthony H. Gershlick
Discussion

KEYNOTE INTERVENTIONAL STUDIES III: IMAGING AND PHYSIOLOGY

SATURDAY, SEPTEMBER 22, 2018
4:00 PM - 5:00 PM
Ballroom 6A, Upper Level

4:00 PM Keynote Interventional Studies III: Imaging and Physiology
Moderators: Nick Curzen, Nils Johnson
Discussants: Carlo Di Mario, Hector M. Garcia-Garcia, Amir Lerman, Francesco Prati, Jennifer A. Tremmel, Gerald S. Werner, Nick E. J. West, Tim P. van de Hoef

4:00 PM DEFERRAL Meta Analysis: Outcomes after FFR based Deferred Revascularization of Nonculprit Stenoses in Acute Coronary Syndromes vs Stable Coronary Artery Disease
Lecturers: Javier Escaned
Discussion

4:15 PM iFR SWEDEHEART: Two Year Follow up From a Randomized Trial of Instantaneous Wave Free Ratio vs Fractional Flow Reserve Guided PCI
Lecturers: Ole Fröbert
Discussion

4:30 PM IRIS FFR: Prognostic Performance of Five Resting Pressure Derived Indexes of Coronary Physiology
Lecturers: Jung-Min Ahn
Discussion

4:45 PM FORZA: A Randomized Trial of Fractional Flow Reserve vs Optical Coherence Tomography to Guide Revascularization of Intermediate Coronary Stenoses
Lecturers: Antonio Maria Leone
Discussion

INTERVENTIONAL INNOVATION: SHARK TANK INNOVATION COMPETITION

SATURDAY, SEPTEMBER 22, 2018
8:00 AM - 11:00 AM
Ballroom 6A, Upper Level

8:00 AM Shark Tank Innovation Competition
Moderators: Louis A. Cannon, Juan F. Granada
Judge: Daniel Burkhoff, Tony Das, Peter J. Fitzgerald, Steven Hochberg, Frank Litvack, Chaim S. Lotan, Stanton J. Rowe, Robert S. Schwartz

8:00 AM Introduction and Objectives
Lecturers: Juan F. Granada

8:05 AM Announcing the Jon DeHaan Foundation Award for Interventional Innovation
Lecturers: Robert S. Schwartz

8:10 AM Keynote Lecture: Cardiovascular Innovation: Reconciling Today’s Clinical Needs With the Future of Medical Technologies
Lecturers: Sanjeev Bhavnani
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<th>Time</th>
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<tr>
<td>8:20 AM</td>
<td>Roundtable Discussion</td>
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<tr>
<td>8:30 AM</td>
<td>A Vascular Compliance Enhancing Device for Treatment of Pulmonary Arterial Hypertension: Aria CV</td>
<td>Lecturers: John Scandurra</td>
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<td>8:40 AM</td>
<td>QA</td>
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<td>8:50 AM</td>
<td>A Bioinspired Transcatheter Mitral Valve Replacement System: AVAve</td>
<td>Lecturers: Mohammad Sarraf</td>
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<td>9:00 AM</td>
<td>QA</td>
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<td>9:10 AM</td>
<td>Intelligent Voice Assistant for Heart Disease Patients: Cardiocube</td>
<td>Lecturers: Tomasz Jadczyk</td>
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<td>9:20 AM</td>
<td>QA</td>
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<tr>
<td>9:30 AM</td>
<td>Novel Transseptal Neochordal System for Precise Mitral Valve Repair: Chordart</td>
<td>Lecturers: Alberto Weber</td>
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<td>9:40 AM</td>
<td>QA</td>
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<td>9:50 AM</td>
<td>Controlled Flow Infusion: A New Approach to Measure Dynamic Microvascular Resistance and to Treat Microvascular Obstruction in Acute Heart Attack Patients in the Cath Lab: CorFlowTherapeutics AG</td>
<td>Lecturers: Jon Hoem</td>
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<td>10:00 AM</td>
<td>QA</td>
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<td>10:10 AM</td>
<td>New System for Measurement of Pulmonary and Systemic BloodFlow and Intracardiac Shunts: Innova Medical</td>
<td>Lecturers: Josef Stasek</td>
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<td>10:20 AM</td>
<td>QA</td>
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<td>10:30 AM</td>
<td>Comprehensive Solution for Tricuspid Regurgitation and RVDysfunction: Trisol Medical</td>
<td>Lecturers: Giora Weisz</td>
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<td>10:40 AM</td>
<td>QA</td>
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<td>10:50 AM</td>
<td>Roundtable Discussion</td>
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**DIDACTIC SESSION: DRUG-ELUTING STENTS, BIORESORBABLE SCAFFOLDS, AND CORONARY DRUG-COATED BALLOONS, PART 1**

**SATURDAY, SEPTEMBER 22, 2018**

**8:00 AM - 12:15 PM**

**Room 2, Upper Level**

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<tr>
<td>8:00 AM</td>
<td>Session I. Metallic DES Progress and Failures</td>
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<td>8:00 AM Keynote: Why Do Contemporary DES Fail Early and Late Restenosis and Thrombosis</td>
<td>Lecturers: Michael Joner</td>
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<td>8:15 AM Can Contemporary DES Be Improved by Altering the Drug Polymer Alloy or Construction</td>
<td>Lecturers: David E. Kandzari</td>
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<td>8:25 AM Ultra Thin Strut DES: A Meaningful Advance</td>
<td>Lecturers: Sripal Bangalore</td>
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<td>8:33 AM Roundtable Discussion With Audience QA</td>
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**8:43 AM - 9:46 AM**

**Session II. DAPT Duration and Triple Therapy**

**Moderators: Philip M. Urban, Robert W. Yeh**

**Discussants: Michael A. Kutcher, Roxana Mehran, Michelle O'Donoghue, Monel Sabate, Robert M. Schainfeld, Daniel I. Simon**

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<tbody>
<tr>
<td>8:43 AM</td>
<td>Latest Thinking on DAPT Duration: Balancing Risk vs Benefit</td>
<td>Lecturers: Tulio Palmerini</td>
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<td>8:53 AM</td>
<td>Roundtable Discussion With Audience QA</td>
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<td>8:56 AM</td>
<td>Algorithmic Pharmacology Recommendations for the PCI Patient With Atrial Fibrillation</td>
<td>Lecturers: C. Michael Gibson</td>
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<td>9:06 AM</td>
<td>Roundtable Discussion With Audience QA</td>
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<tr>
<td>9:09 AM</td>
<td>Stent Selection for 1 3 Month DAPT: Current Evidence Ongoing Studies</td>
<td>Lecturers: Stephan Windecker</td>
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**TRANSCATHETER CARDIOVASCULAR THERAPEUTICS | SATURDAY, SEPTEMBER 22, 2018**
9:19 AM Roundtable Discussion With Audience QA

9:22 AM DAPT Duration Case Presentation 1: NSTEMI in a High Bleeding Risk Patient Case Introduction
   Case Presenter: Elvin Kedhi

9:25 AM Case discussion With Audience QA

9:31 AM Case Conclusion
   Lecturers: Elvin Kedhi

9:34 AM DAPT Duration Case Presentation 2: PCI in Stable CAD With LMCAD and MVD Case Introduction
   Case Presenter: Alaide Chieffo

9:37 AM Case Discussion With Audience QA

9:43 AM Case Conclusion
   Case Presenter: Alaide Chieffo

9:46 AM - 10:42 AM

Session III. PCI and OMT for Ischemia and QOL
Moderators: David J. Cohen, Sunil V. Rao
Discussants: Rasha Al-Lamee, John A. Bittl, Rajiv Gulati, Lloyd W. Klein, Dharam J. Kumbhani, Mamas Mamas

9:46 AM Optimal Medical Therapy With and Without Coronary Revascularization: Which Drugs Matter Symptoms Ischemia or Prognosis And Magnitude of Impact
   Lecturers: David J. Maron

9:56 AM Roundtable Discussion With Audience QA

10:01 AM Increasing Emphasis on QOL Outcomes: From Patient Preference to Instrument Validation
   Lecturers: John A. Spertus

10:09 AM Roundtable Discussion With Audience QA

10:12 AM PCI for Ischemia Part I: Critical Analysis of the FAME Trials and ORBITA
   Lecturers: Bernard J. Gersh

10:22 AM Roundtable Discussion With Audience QA

10:27 AM PCI for Ischemia Part II: Why the ISCHEMIA Trial Might be Positiveor Negative
   Lecturers: Ajay J. Kirtane

10:37 AM Roundtable Discussion With Audience QA

10:42 AM - 12:15 PM

Session IV. Revascularization in Complex CAD
Moderators: Antonio Colombo, Jeffrey W. Moses

10:42 AM Defining What Constitutes a Clinically Relevant Peri Procedural MI: Analysis in 17000 Patients
   Lecturers: Jung-Min Ahn

10:52 AM Roundtable Discussion With Audience QA

10:57 AM Mortality and Stroke Outcomes of PCI vs CABG in MVD and LMD With and Without Diabetes
   Lecturers: Stuart J. Head

11:07 AM Roundtable Discussion With Audience QA

11:10 AM How Much Has PCI and CABG Improved in MVD and LMD: Insights From SYNTAX II and SYNTAX EXCEL Comparative Analyses
   Lecturers: Patrick W. Serruys

11:17 AM Roundtable Discussion With Audience QA

11:20 AM PCI for MVD: Is Complete Revascularization the Missing Link Anatomic or Functional
   Lecturers: William F. Fearon

11:30 AM Roundtable Discussion With Audience QA

11:33 AM Hybrid Revascularization as an Alternative to PCI or CABG
   Lecturers: John D. Puskas

11:40 AM Roundtable Discussion With Audience QA

11:43 AM MVD Case Presentation With Heart Team Discussion Case Introduction
   Case Presenter: Alan C. Yeung

11:46 AM Case Discussion With Audience QA

11:53 AM Case Conclusion
   Case Presenter: Alan C. Yeung

11:56 AM Is It Time to Move Beyond Angiography for Procedural Planning SYNTAX III
   Lecturers: Antonio L. Bartorelli
TRANSCATHETER CARDIOVASCULAR THERAPEUTICS | SATURDAY, SEPTEMBER 22, 2018

12:03 PM Is It Time to Move Beyond Angiography for Procedural Planning DECISION
Lecturers: Gregg W. Stone

12:10 PM Roundtable Discussion With Audience QA

DIDACTIC SESSION: INTERVENTIONAL HEART FAILURE AND HEMODYNAMIC SUPPORT, PART 1

SATURDAY, SEPTEMBER 22, 2018
8:00 AM - 12:15 PM
Room 6D, Upper Level

8:00 AM - 9:34 AM
Session I. Acute Cardiogenic Shock: What Is the Right Treatment Algorithm?
Moderators: Cindy L. Grines, E. Magnus Ohman
Discussants: Emmanouil S. Brilakis, Marisa Cevasco, Anthony H. Gershlick, Navin K. Kapur, Ashish Pershad

8:00 AM Defining Cardiogenic Shock: Update From the SCAHFSA Working Group
Lecturers: David A. Baran

8:08 AM Acute Cardiogenic Shock: Pathophysiology and Treatment Goals
Lecturers: Timothy D. Henry

8:16 AM Roundtable Discussion With Audience QA

8:21 AM Major Learnings From IABP Shock II and CULPRIT Shock
Lecturers: Holger Thiele

8:31 AM IABP in Cardiogenic Shock: Reconciling Clinical Trial Results and Guidelines With Real World Experience With Practical use Recommendations
Lecturers: Richard Smalling

8:39 AM Roundtable Discussion With Audience QA

8:44 AM Use of Impella CP and RP in Cardiogenic Shock: From Hemodynamics to Clinical Outcomes
Lecturers: William W. O'Neill

8:59 AM Roundtable Discussion With Audience QA

9:08 AM Use of ECMO in Cardiogenic Shock: When and How Complications and Outcomes
Lecturers: A. Reshad Garan

9:16 AM Use of ECMO during Cardiac Arrest: When and How Complications and Outcomes
Lecturers: Sachin Kumar

9:24 AM Roundtable Discussion With Audience QA

9:34 AM - 12:15 PM
Session II. Interventional Therapies for Chronic Heart Failure
Moderators: James E. Udelson, Clyde W. Yancy
Discussants: Angeles Alonso Garcia, Colin M. Barker, Timothy D. Henry, Howard C. Herrmann, Biswajit Kar, George W. Vetrovec

9:34 AM State of the Art: Medical Therapies for CHF With a Focus on Diabetes
Lecturers: Ileana L. Pina

9:42 AM State of the Art: Device based Therapies for CHF
Lecturers: Jerry D Estep

9:56 AM State of the Art: Device and Drug based Strategies to Reduce the Incidence of Heart Failure Following AMI
Lecturers: Navin K. Kapur

10:06 AM Role of Right Heart Failure in Patients With Chronic Heart Failure and Post LVAD
Lecturers: Nir Uriel

10:16 AM Roundtable Discussion With Audience QA

10:26 AM PCI and CABG for Chronic Heart Failure
Lecturers: Divaka Perera

10:36 AM Percutaneous Mitral Repair for Heart Failure
Lecturers: Stefan Anker

10:46 AM Tricuspid Valve Repair for CHF
Lecturers: Rebecca T. Hahn

10:56 AM TAVR in Heart Failure: UNLOAD
Lecturers: Ori Ben-Yehuda

11:02 AM Roundtable Discussion With Audience QA

11:12 AM Interatrial Shunts I: Corvia
Lecturers: Sanjiv Shah
11:20 AM  Interatrial Shunts II: V wave
Lecturers: JoAnn Lindenfeld

11:28 AM  Cardiac Contractility Modulation for HFrEF and HFmrEF
Lecturers: William T. Abraham

11:36 AM  Aortic Arch Neuromodulation for Chronic Heart Failure: EnoPace
Lecturers: Felix Mahfoud

11:44 AM  Percutaneous Ventricular Reshaping of the LV for Chronic Heart Failure: Ancora
Lecturers: Daniel Burkhoff

11:52 AM  Treatment of LV Aneurysms: Revivent
Lecturers: Horst Sievert

12:00 PM  Roundtable Discussion With Audience QA

DIDACTIC SESSION: TRANSCATHETER AORTIC VALVE INTERVENTIONS, PART 1

SATURDAY, SEPTEMBER 22, 2018
8:00 AM - 12:00 PM
Room 5, Upper Level

8:00 AM - 9:00 AM
Session 1. Treatment of Bicuspid Aortic Valves (BAV)
Moderators: Joseph E. Bavaria, Horst Sievert
Discussants: Jung-Min Ahn, Stanley J. Chetcuti, Helene Eltchaninoff, Hasan Jilaihawi, John C Laschinger, Jonathon A. Leipsic, Mathew Williams

8:00 AM  A Surgeon's Perspective on BAV Treatment: Why Surgery is Preferred in Many Most BAV Patients
Lecturers: Joseph E. Bavaria

8:08 AM  A CT Imaging Perspective on BAV Treatment: Which Patients are Poor Candidates for TAVR
Lecturers: Jonathon A. Leipsic

8:16 AM  A Structural Interventionalist Perspective on BAV Treatment: The Next TAVR Frontier Almost All Patients are TAVR Candidates
Lecturers: Mathew Williams

8:24 AM  The Voice of Reason: Why a Randomized Trial is Necessary to Decide if Surgery or TAVR are Preferred in BAV Patients
Lecturers: Eric E. Roselli

8:29 AM  Device Selection and CT Sizing for TAVR Treatment of BAV
Lecturers: Lars Søndergaard

8:37 AM  TAVR Outcomes for BAV in Asian Patients
Lecturers: Jung-Min Ahn

8:45 AM  Case Based Discussion on BAV Rapid Fire Presentation of 3 BAV Cases
Case Presenter: Hasan Jilaihawi

9:00 AM - 10:00 AM
Session 2: Strokes and Cerebral Embolic Protection During TAVR
Moderators: Alexandra J. Lansky, Axel Linke
Discussants: Saif Anwaruddin, Alain G. Cribier, Sammy Elmariah, Nicole Ibrahim, Jean-Claude Laborde, Joachim Schofer, Jochen Wöhrle

9:00 AM  A Stroke after TAVR Primer: Time Course Changing Incidence Ascertainment Challenges and Comparison vs Surgery
Lecturers: Samir R. Kapadia

9:10 AM  Discussion

9:15 AM  Ulm University Germany
Lecturers: Jochen Wöhrle

9:20 AM  Erasmus University The Netherlands
Lecturers: Joost Daemen

9:25 AM  Cedars Sinai Medical Center USA
Lecturers: Tarun Chakravarty

9:30 AM  Discussion

9:15 AM  Ulm University Germany
Lecturers: Jochen Wöhrle

9:20 AM  Erasmus University The Netherlands
Lecturers: Joost Daemen
10:00 AM - 11:00 AM

Session 3: Expanding Clinical Indications for TAVR
Moderators: Allan Schwartz, Stephan Windecker
Discussants: Nirat Beohar, Philippe Genereux, Rajiv Jauhar, Philippe Pibarot, Jeffrey J. Popma, Michael J. Reardon, Eric Van Belle

10:00 AM  The Case for TAVR in Low Risk Patients: Rationale Current Data Clinical Trends and Updates from the Ongoing Clinical Trials
Lecturers: Jeffrey J. Popma

10:08 AM  My Crystal Ball: Predicting the Role of Surgery and Surgeons in the Treatment of Aortic Stenosis Once the Cycle of Low Risk Studies is Completed
Lecturers: Michael J. Reardon

10:16 AM  Discussion

10:20 AM  Rationale for Treating SASS and Update of the EARLY TAVR Trial
Lecturers: Allan Schwartz

10:28 AM  Who Should be Treated: The Role of Imaging Guidance in Patient Selection
Lecturers: Philippe Pibarot

10:33 AM  Who Should be Treated: The Role of Biomarkers in Patient Selection and Procedure Optimization
Lecturers: Eric Van Belle

10:38 AM  Putting It All Together: A Proposed New Staging Classification for Patients with Aortic Stenosis
Lecturers: Philippe Genereux

10:46 AM  Discussion

10:50 AM  Status Update of the TAVR UNLOAD Trial Moderate AS Patients with Reduced Ejection Fraction and Heart Failure
Lecturers: Joost Daemen

10:58 AM  Discussion

11:00 AM - 12:00 PM

Session 4: Bioprosthetic Aortic Valve Failure: Valve-in-Valve Treatment, Valve Leaflet Thrombosis, and Valve Durability
Moderators: Michael J. Mack, Bernard Prendergast
11:00 AM  Clinical Lessons from the Global Aortic VIVID Registry Optimizing Procedural Outcomes
Lecturers: Danny Dvir

11:08 AM  How to Screen for Risk of Coronary Obstruction Risk on CT Prior to Aortic Valve in Valve Procedures
Lecturers: Philipp Blanke

11:14 AM  To Crack or Not to Crack: The Role of Fracturing Bioprosthetic Valves During ViV Procedures
Lecturers: Adnan K. Chhatriwalla

11:20 AM  To Split or Not to Split: The Role of BASILICA to Reduce the Risk of Coronary Obstruction During ViV and other TAVR Procedures
Lecturers: Adam B. Greenbaum

11:26 AM  Discussion

11:30 AM  The Spectrum of Leaflet Thrombosis in Bioprosthetic Aortic Valves  Prevalence Clinical Consequences and Practical Management Strategies
Lecturers: Lars Sondergaard

11:38 AM  New Guidelines and Classification of Bioprosthetic Valve Dysfunction and Failure: Implications and Thoughts on TAVR Durability
Lecturers: Davide Capodanno

11:46 AM  Should We Anticoagulate All Bioprosthetic Aortic Valves Rationale Ongoing Studies and Recent Trends
Lecturers: George D. Dangas

11:54 AM  Discussion

**DIDACTIC SESSION: DRUG-ELUTING STENTS, BIORESORBABLE SCAFFOLDS, AND CORONARY DRUG-COATED BALLOONS, PART 2**

**SATURDAY, SEPTEMBER 22, 2018**
2:00 PM - 6:02 PM
Room 2, Upper Level

2:00 PM - 3:23 PM
**Session V. Stent Thrombosis, Restenosis, and Drug-Coated Balloons**
Moderators: Fernando Alfonso, Azeem Latib
Discussants: Hiram G. Bezerra, Bernardo Cortese, Kevin J. Croce, Lisette Okkels Jensen, Ashish Pershad, Jose M. de la Torre Hernandez

2:00 PM  Is There a Standard Work Up for Stent Thrombosis Hematology Imaging and More
Lecturers: Robert A. Byrne

2:10 PM  Case Study: Mechanism and Treatment of Stent Thrombosis
Case Presenter: Hector M. Garcia-Garcia

2:17 PM  Roundtable Discussion With Audience QA

2:22 PM  Options for Stent Under Expansion With ISR: Laser Stentablation and More
Lecturers: Antonio Colombo

2:30 PM  POBA Drug Coated Balloons DES and BRS for DES ISR: Advantages Disadvantages  Theory and Evidence
Lecturers: Fernando Alfonso

2:40 PM  Are Drug Coated Balloons Acceptable or Preferred for Stent Eligible Small Coronary Arteries Insights From BASKET SMALL 2 and Other Experiences
Lecturers: Bruno Scheller

2:50 PM  Next Generation Drug Coated Balloons: Limus and Beyond
Lecturers: Juan F. Granada

2:58 PM  Role of Brachytherapy for Refractory ISR in 2018
Lecturers: Ron Waksman

3:06 PM  Case Study: Mechanism and Treatment of Refractory ISR
Case Presenter: Tayo A. Addo

3:13 PM  Roundtable Discussion With Audience QA

3:23 PM - 4:34 PM
**Session VI. Long-Term ABSORB Data and Perspectives**
Moderators: Bernard R. Chevalier, Stephen G. Ellis
Discussants: Salvatore Brugaletta, Daniel Chamie, Stephen P. Hoole, Giulio Stefanini, Corrado Tamburino, Robert-Jan van Geuns

3:23 PM  ABSORB Beyond 3 Years: ABSORB II 5 Year Data
Lecturers: Patrick W. Serruys

3:30 PM  ABSORB Beyond 3 Years: ABSORB Japan 4 Year Data
Lecturers: Kengo Tanabe

3:37 PM  ABSORB Beyond 3 Years: ABSORB China 4 Year Data
Lecturers: Runlin Gao

3:44 PM ABSORB Beyond 3 Years: ABSORB III 4 Year Data
   Lecturers: Dean J. Kereiakes

3:51 PM ABSORB 4 Year Meta Analysis: Individual Patient Data Analysis
   Lecturers: Gregg W. Stone

3:58 PM How to Improve BRS Outcomes: Focus on the Device
   Lecturers: Yoshinobu Onuma

4:06 PM How to Improve BRS Outcomes: Focus on Imaging and Technique
   Lecturers: Ziad A. Ali

4:14 PM Falcon Development and Status
   Lecturers: Richard J. Rapoza

4:19 PM Roundtable Discussion With Audience QA

4:34 PM - 6:02 PM

Session VII: Active BRS Programs
Moderators: Alexandre Abizaid, Ron Waksman
Discussants: Bill D. Gogas, Yasuhiro Honda, Matthias Lutz, Manel Sabate, Huay Cheem Tan, Bo Xu

4:34 PM Progress With Progressively Thin Strut Ultra High Molecular Weight PLLA Based Polymeric BRS: From Aptitude to Magnitude
   Lecturers: Juan F. Granada

4:44 PM Ongoing Activities With a Radiopaque Tyrosine Carbonate Based Polymeric BRS: Fantom
   Lecturers: Ulf Landmesser

4:54 PM Update With A Novel Thin Strut Hybrid Cell Design PLLA Based Polymeric BRS: MeRes 100
   Lecturers: Ashok Seth

5:04 PM Latest Results and Future Directions With the DESolve NXT PLLA Based BRS With Contoured Struts
   Lecturers: Alexandre Abizaid

5:14 PM Emerging Polymeric and Metallic BRS from China
   Lecturers: Yaling Han

5:24 PM Imaging and Clinical Results With the Latest Magmaris Magnesium Based Scaffold
   Lecturers: Michael Haude

5:34 PM Flash Debate: Polymeric BRS Have the Edge
   Lecturers: Pieter C. Smits

5:39 PM Flash Debate: Metallic BRS Have the Edge
   Lecturers: Ron Waksman

5:44 PM Roundtable Discussion With Audience QA

DIDACTIC SESSION: INTERVENTIONAL HEART FAILURE AND HEMODYNAMIC SUPPORT, PART 2

SATURDAY, SEPTEMBER 22, 2018
2:00 PM - 6:02 PM
Room 6D, Upper Level

2:00 PM - 3:28 PM

Session I: Implanted and Non-invasive Sensors for Monitoring
Moderators: Stefan Anker, Ileana L. Pina
Discussants: Angeles Alonso Garcia, Jozef Bartunek, Mark Goldberger, Amit N. Patel, Pascal Vranckx

2:00 PM State of the Art: Congestion and Prognosis in HF
   Lecturers: Gregg Fonarow

2:12 PM State of the Art: Invasive and Noninvasive Technologies for Monitoring Congestion
   Lecturers: William T. Abraham

2:27 PM Cardiomems: Update and Ongoing Studies
   Lecturers: JoAnn Lindenfeld

2:39 PM Endotronix: Differentiating Features and Results
   Lecturers: Katrin Leadley

2:51 PM Noninvasive Monitoring With Sensible Medical for Preventing Heart Failure Rehospitalizations
   Lecturers: Daniel R. Bensimhon

3:03 PM Back to the Future: CHF Patient Management Using Digital Technologies
   Lecturers: Adam DeVore

3:13 PM Roundtable Discussion With Audience QA
Session II. Devices to Protect the Kidney and Reduce Congestion
Moderators: William T. Abraham, JoAnn Lindenfeld
Discussants: Jeroen J. Bax, Peter Carson, Darshan Doshi, Hans R. Figulla, Chaim S. Lotan, Paul A. Sobotka

3:28 PM Renal Physiology of Heart Failure
3:36 PM Intraaortic Continuous Flow Pumps for ADHF
   Lecturers: Navin K. Kapur
3:50 PM Renal Vein Pressure Decompression for ADHF: Magenta
   Lecturers: David D. Israeli
4:04 PM Direct Lymphatic Decompression for ADHF: Whiteswell
   Lecturers: William T. Abraham
4:18 PM Ventricular and Pulmonary Decompression by Intravenous Balloon Occlusion: PreCardia
   Lecturers: Navin K. Kapur
4:32 PM Roundtable Discussion With Audience QA

4:47 PM - 6:02 PM
Session III. Bridging and Chronic Mechanical Circulatory Support
Moderators: Nir Uriel, Hadley Wilson
Discussants: David A Baran, Marisa Cevasco, Victoria Delgado, Sundeep Mishra, Marvin J. Slepian, Osama Soliman

4:47 PM State of the Art: Latest Innovations in Durable LVADs
   Lecturers: Ulrich P. Jorde
5:02 PM The Impella Family of Devices: Utility of Different Tools for Different Conditions Short term and Long term Use
   Lecturers: Jeffrey W. Moses
5:17 PM Percutaneous Ventricular and Pulmonary Support: TandemLife
   Lecturers: Biswajit Kar
5:27 PM NuPulse: Implantable Counterpulsation for Advanced CHF
   Lecturers: Valluvan Jeevanandam
5:37 PM Ventricular Counterpulsation for Percutaneous Ventricular Support: PulseCath
   Lecturers: Joost Daemen
5:47 PM Roundtable Discussion With Audience QA

DIDACTIC SESSION: PFO CLOSURE - EMERGING EVIDENCE, INDICATIONS, AND DEVICES

SATURDAY, SEPTEMBER 22, 2018
2:00 PM - 6:20 PM
Room 1, Upper Level

2:00 PM - 2:58 PM
Session I. Evidence for PFO Closure and Global Practices
Moderators: Teiji Akagi, John D. Carroll

2:00 PM Case 1: Should This PFO Be Closed in a Patient With A Cryptogenic Stroke
   Case Presenter: Dominik M. Wiktor
2:08 PM Updated RCT Data for PFO Closure in All Comers and Subgroups With Cryptogenic Stroke: How Should the Guidelines Be Updated
   Lecturers: Konstantinos Dean Boudoulas
2:20 PM Evolving PFO Closure Practice and Challenges in Canada
   Lecturers: Eric Horlick
2:27 PM Evolving PFO Closure Practice and Challenges in Asia
   Lecturers: Teiji Akagi
2:34 PM Evolving PFO Closure Practice and Challenges in Europe
   Lecturers: Lars Søndergaard
2:41 PM Evolving PFO Closure Practice and Challenges in the US
   Lecturers: Richard Smalling
2:48 PM Roundtable Discussion With Audience QA
Session II. Patient Selection for PFO Closure: Evidence-Based and Judgment-Based
Moderators: Michael J. Mullen, David E. Thaler
Discussants: Joseph Carozza, Ted Feldman, Craig E Fleishman, David Hildick-Smith, Jacqueline Saw, Jochen Wöhrle

2:58 PM Case 2: Should This PFO Be Closed in a Patient With a TIA
Case Presenter: Ted Feldman

3:06 PM Overview of Indications and Patient Selection for PFO Closure

3:16 PM PFO Closure in Older Patients: Clinical and Technical Challenges
Lecturers: Robert J. Sommer

3:28 PM PFO Closure for Primary Prevention
Lecturers: Brian K. Whisenant

3:36 PM PFO Closure for Migraine: Current Status
Lecturers: Robert J. Sommer

3:44 PM PFO Closure for Hypoxemia
Lecturers: Joseph Kay

3:52 PM Roundtable Discussion With Audience QA

4:02 PM - 5:20 PM
Session III. PFO Closure Devices and Techniques
Moderators: William A. Gray, Horst Sievert
Discussants: Steven R. Bailey, Nirat Beohar, Brian Clapp, Eric Eeckhout, Matthew J. Price, Lars Sondergaard

4:02 PM Case 3: A Complex PFO Closure With Technique Challenges
Case Presenter: Sameer Gafoor

4:10 PM Assessment of Shunts: TCD vs Echo
Lecturers: Eustaquio Maria Onorato

4:18 PM Approach to Challenging PFO Anatomy
Lecturers: Zahid Amin

4:26 PM The Landscape of Devices for PFO Closure
Lecturers: Horst Sievert

4:36 PM PFO Closure With the CardioForm: Device Description Ideal and Non Ideal Anatomy Technique and Complications

4:46 PM PFO Closure With the Amplatzer PFO Occluder: Device Description Ideal and Non Ideal Anatomy Technique and Complications
Lecturers: Eric Horlick

4:56 PM Complications of PFO Closure
Lecturers: Jacqueline Saw

5:04 PM Roundtable Discussion With Audience QA

5:20 PM - 6:20 PM
Session IV. Program Building and Hurdles
Moderators: Robert J. Sommer, Christian Spies
Discussants: Suzanne J. Baron, Reda Ibrahim, Carey D. Kimmelstiel, Srihari S. Naidu, Zoltan G. Turi, Dominik M. Wiktor

5:20 PM Case 4: Should This PFO be Closed in a Patient With a Migraine
Case Presenter: David E. Thaler

5:28 PM Neurology Cardiology Partnership
Case Presenter: Mohamad Adnan Alkhouli

5:36 PM Post Procedure Care Issues
Lecturers: Christian Spies

5:44 PM SCAI Operator and Institution Requirements
Lecturers: Clifford J. Kavinsky

5:52 PM To PFO Close or Not to PFO Close: Shared Decision Making
Lecturers: Megan Coylewright

6:00 PM Coding Reimbursement for PFO Closure
Lecturers: Ted Feldman

6:08 PM Roundtable Discussion With Audience QA
2:00 PM - 6:00 PM
Room 25A-B, Upper Level

2:00 PM - 3:30 PM
Session I. Group I - Pulmonary Arterial Hypertension
Moderators: Ori Ben-Yehuda, Nick H. Kim
Discussants: Teresa L. Carman, Shao-Liang Chen, Irene M. Lang, Alex M. K. Rothman, Harsimran Sachdeva Singh

2:00 PM Overview of Group I Pulmonary Hypertension
Lecturers: Nick H. Kim

2:12 PM Pulmonary Artery Denervation I: Concepts and Pre Clinical Data
Lecturers: Alex M. K. Rothman

2:24 PM Pulmonary Artery Denervation II: RF Ablation Device and Latest Results
Lecturers: Shao-Liang Chen

2:36 PM Pulmonary Artery Denervation III: Ultrasound Based Therapy and Results
Lecturers: Ori Ben-Yehuda

2:48 PM Roundtable Discussion With Audience QA

3:00 PM Implantable Devices for Pulmonary Hypertension
Lecturers: William T. Abraham

3:12 PM Aria: A Device Based Approach to RV Failure and Pulmonary Compliance
Lecturers: Irene M. Lang

3:24 PM Roundtable Discussion With Audience QA

3:30 PM - 4:30 PM
Session II. Acute Pulmonary Embolism
Moderators: Kenneth Rosenfield, Victor F. Tapson
Discussants: Riyaz Bashir, Mark C. Bates, Jay S. Giri, Rahul S. Patel, Gregory Piazza, Thomas M. Tu

3:30 PM Incidence and Diagnosis
Lecturers: Victor F. Tapson

3:42 PM Systemic Therapy for Acute PE
Lecturers: Jay S. Giri

3:54 PM Catheter Directed Therapy for Acute PE
Lecturers: Gregory Piazza

4:06 PM PERT: The Time is Now
Lecturers: Kenneth Rosenfield

4:18 PM Roundtable Discussion With Audience QA

4:30 PM - 6:00 PM
Session III. Group IV Pulmonary Hypertension: CTEPH
Moderators: Irene M. Lang, Ehtisham Mahmud

4:30 PM Incidence Pathophysiology and Diagnosis of CTEPH
Lecturers: William R. Auger

4:40 PM Pulmonary Thromboendarctectomy is the Definitive Therapy for CTEPH
Lecturers: Michael M. Madani

4:50 PM Balloon Pulmonary Angioplasty for CTEPH: Evolution of a New Therapy for CTEPH
Lecturers: Ehtisham Mahmud

5:00 PM Balloon Pulmonary Angioplasty for CTEPH: Patient Selection for Therapy
Lecturers: Nick H. Kim

5:10 PM Balloon Pulmonary Angioplasty for CTEPH: The Japanese Experience
Lecturers: Hiromi Matsubara

5:20 PM Balloon Pulmonary Angioplasty for CTEPH: The European Experience
Lecturers: Irene M. Lang

5:30 PM Balloon Pulmonary Angioplasty for CTEPH: The San Diego Experience
Lecturers: Ehtisham Mahmud

5:40 PM Roundtable Discussion With Audience QA

DIDACTIC SESSION: TRANSCATHETER AORTIC VALVE INTERVENTIONS, PART 2
SATURDAY, SEPTEMBER 22, 2018
2:00 PM - 6:00 PM
Room 5, Upper Level

2:00 PM - 3:00 PM
Session 5: Policy Controversies on Aortic Valve Replacement Therapy  Patient Access, Volume Thresholds, and Parity
Moderators: Robert O. Bonow, Martin B. Leon

3:00 PM - 4:00 PM
Session 6: TAVR New Technology Forum
Moderators: Jeffrey J. Popma, Hendrik Treede
Discussants: Alexandre Abizaid, Gregory P. Fontana, Howard C. Herrmann, Susheel K. Kodali, Michael J. Reardon, Vinod H. Thourani, Matthew Williams

4:00 PM - 5:00 PM
Session 7: TAVR World Cup at TCT - Clinical Case Challenges
Moderators: Tamim Nazif, Torsten P. Vahl
Discussants: Saif Anwaruddin, Anita Asgar, Vasilis Babaliaros, Marco Barbanti, Colin M. Barker, John K. Forrest, Kendra J. Grubb, David A. Wood

5:00 PM - 6:00 PM
Session 8: TAVR World Series  The Best of the Best!
Moderators: Susheel K. Kodali, Vinod H. Thourani

5:00 PM  Minimalist TAVR for EVERYONE: Safe Efficient and Cost Effective
Lecturers: Vasilis Babaliaros

5:05 PM  Selective Minimalist TAVR Makes More Sense and Extreme Minimalism is Dangerous
Lecturers: Susheel K. Kodali

5:10 PM  Discussion

5:15 PM  A Growing Conundrum: Coronary Access after TAVR  Technical Tips and Tricks
Lecturers: James B. Hermiller Jr

5:00 PM  Minimalist TAVR for EVERYONE: Safe Efficient and Cost Effective
Lecturers: Vasilis Babaliaros

5:05 PM  Selective Minimalist TAVR Makes More Sense and Extreme Minimalism is Dangerous
Lecturers: Susheel K. Kodali

5:10 PM  Discussion

5:21 PM  Rationale for Combining TAVR and LAAC in AF Patients: An Introduction to the WATCH TAVR Trial
Lecturers: Samir R. Kapadia

5:00 PM  Minimalist TAVR for EVERYONE: Safe Efficient and Cost Effective
Lecturers: Vasilis Babaliaros

5:05 PM  Selective Minimalist TAVR Makes More Sense and Extreme Minimalism is Dangerous
Lecturers: Susheel K. Kodali

5:10 PM  Discussion

5:27 PM  The Rapid Emergence of Trans Caval TAVR: Techniques and Clinical Outcomes
Lecturers: Adam B. Greenbaum

5:32 PM  Percutaneous Trans axial TAVR: A Step by Step Tutorial
Lecturers: James M. McCabe

5:37 PM  Innovation Gone Wild: The Pi Cardia Leaflex Aortic Valve Remodeling System
Lecturers: Philippe Genereux

5:00 PM  Minimalist TAVR for EVERYONE: Safe Efficient and Cost Effective
Lecturers: Vasilis Babaliaros

5:05 PM  Selective Minimalist TAVR Makes More Sense and Extreme Minimalism is Dangerous
Lecturers: Susheel K. Kodali

5:10 PM  Discussion

5:27 PM  The Rapid Emergence of Trans Caval TAVR: Techniques and Clinical Outcomes
Lecturers: Adam B. Greenbaum

5:32 PM  Percutaneous Trans axial TAVR: A Step by Step Tutorial
Lecturers: James M. McCabe

5:43 PM  TAVR to Treat Pure Aortic Regurgitation: The TVT Registry Experience
Lecturers: Saif Anwaruddin

5:00 PM Minimalist TAVR for EVERYONE: Safe Efficient and Cost Effective
Lecturers: Vasilis Babaliaros

5:05 PM Selective Minimalist TAVR Makes More Sense and Extreme Minimalism is Dangerous
Lecturers: Susheel K. Kodali

5:10 PM Discussion

5:27 PM The Rapid Emergence of Trans Caval TAVR: Techniques and Clinical Outcomes
Lecturers: Adam B. Greenbaum

5:32 PM Percutaneous Trans axillary TAVR: A Step by Step Tutorial
Lecturers: James M. McCabe

5:49 PM A Clinical Algorithm for Diagnosing and Managing Patients with Low Flow Low Gradient Aortic Stenosis
Lecturers: Philippe Pibarot

5:00 PM Minimalist TAVR for EVERYONE: Safe Efficient and Cost Effective
Lecturers: Vasilis Babaliaros

5:05 PM Selective Minimalist TAVR Makes More Sense and Extreme Minimalism is Dangerous
Lecturers: Susheel K. Kodali

5:10 PM Discussion

5:27 PM The Rapid Emergence of Trans Caval TAVR: Techniques and Clinical Outcomes
Lecturers: Adam B. Greenbaum

5:32 PM Percutaneous Trans axillary TAVR: A Step by Step Tutorial
Lecturers: James M. McCabe

5:55 PM Discussion

TCT ENDOVASCULAR: FELLOWS COURSE

SATURDAY, SEPTEMBER 22, 2018
8:00 AM - 11:00 AM
Room 338-C, Upper Level

8:00 AM - 8:50 AM
Session I. Vascular Disease Past, Present, and Future
Moderators: Jay S. Giri, Sahil A. Parikh
Discussants: Gary M. Ansel, Douglas E. Drachman, Andrew J. Klein, Craig M. Walker, Mitchell Weinberg

8:00 AM Training in Endovascular Intervention
Lecturers: Sahil A. Parikh

8:10 AM Roundtable Discussion With Audience QA

8:15 AM Highlights From the Updated PAD Guidelines and SCAI AUC
Lecturers: Douglas E. Drachman

8:25 AM Roundtable Discussion With Audience QA

8:30 AM Most Important Clinical Trials in Vascular Medicine and Intervention in the Past 10 Years
Lecturers: Jay S. Giri

8:45 AM Roundtable Discussion With Audience QA

8:50 AM - 10:00 AM
Session II. Core Curriculum: So You Think You Can Be a Vascular Specialist?
Moderators: Douglas E. Drachman, Michael R. Jaff

8:50 AM Clinical Pearls: Carotid Disease Diagnosis and Treatment
Lecturers: Herbert D. Aronow

9:00 AM Clinical Pearls: Lower Extremity PAD Diagnosis and Treatment
Lecturers: Douglas E. Drachman

9:10 AM Clinical Pearls: CLI Diagnosis and Treatment
Lecturers: Mehdi H. Shishehbor

9:20 AM Clinical Pearls: VTEPE Diagnosis and Treatment
Lecturers: Kenneth Rosenfield

9:30 AM Clinical Pearls: AAA Diagnosis and Treatment
Lecturers: Ehrin J. Armstrong

9:40 AM Clinical Pearls in Superficial Venous Disease
Lecturers: Raghu Kolluri

9:50 AM Roundtable Discussion With Audience QA

10:00 AM - 11:00 AM
Session III: Case Reviews: So You Think You Can be a Vascular Specialist?
Moderators: Ehrin J. Armstrong, Douglas E. Drachman, Mehdi H. Shishehbor
Discussants: Herbert D. Aronow, J. Michael Bacharach, Danielle Bajakian, Andrew J. Klein, Khusrow Niazi

10:00 AM Case 1 Introduction: Iliac Disease
  Case Presenter: Mehdi H. Shishehbor
10:05 AM Discussion of Strategies
10:15 AM Case 1 Conclusion: Iliac Disease
  Case Presenter: Mehdi H. Shishehbor
10:20 AM Case 2 Introduction: SFA Disease
  Case Presenter: Douglas E. Drachman
10:25 AM Case 2: Discussion of Strategies
10:35 AM Case 2 Conclusion: SFA Disease
  Case Presenter: Douglas E. Drachman
10:40 AM Case 3: CLI
  Case Presenter: Ehrin J. Armstrong
10:45 AM Case 2: Discussion of Strategies
10:55 AM Case 3 Conclusion: CLI
  Case Presenter: Ehrin J. Armstrong

TCT ENDOVASCULAR: EXPERT CASE REVIEWS - CAROTID AND VERTEBRAL INTERVENTIONS

SATURDAY, SEPTEMBER 22, 2018
12:15 PM - 1:45 PM
Room 32A-B, Upper Level

12:15 PM - 1:45 PM
Expert Case Reviews: Carotid and Vertebral Interventions
Moderators: Christopher J. Kwolek, Aman B. Patel
Discussants: Gavin Britz, Matthew Koch, Virendra I Patel, Adnan Siddiqui, Jose M. Wiley

12:15 PM Case 1: Carotid Artery Intervention for Asymptomatic Carotid Artery Stenosis: Why And How
12:25 PM Case 2: Carotid Artery Intervention After Stroke: Timing and Other Considerations
  Case Presenter: Brian Walcott
12:35 PM Case 3: Endovascular Intervention for Fibromuscular Dysplasia
  Case Presenter: Gary M. Ansel
12:45 PM Case 4: Carotid Artery Stenting for Carotid Artery Dissection: Why When and How
  Case Presenter: Adnan Siddiqui
12:55 PM Case 5: Carotid Artery Stenting With Complex Arch Navigation
1:05 PM Case 6: Trans Cervical Carotid Artery Stenting: Silk Road
  Case Presenter: Christopher J. Kwolek
1:15 PM Case 7: Stenting of Vertebral Artery Origin: Indications Techniques Complications
  Case Presenter: Rahul Sakhuja
1:25 PM Case 8: Wingspan Stenting for Intracranial Atherosclerosis
1:35 PM Roundtable Discussion with Audience QA

TCT ENDOVASCULAR: EXPERT CASE REVIEWS - SFA, POPLITEAL, AND BELOW THE KNEE INTERVENTION

SATURDAY, SEPTEMBER 22, 2018
12:15 PM - 1:45 PM
Room 300-E, Upper Level

12:15 PM - 1:45 PM
Expert Case Reviews: SFA, Popliteal, and Below the Knee Intervention
Moderators: Herbert D. Aronow, Brian G. DeRubertis
Discussants: Nelson Bernardo, Alik Farber, Osamu Iida, Andrew J. Klein, Kenneth Rosenfield

12:15 PM Case 1: Use of Reentry Device to Puncture a Retrograde Balloon in a Difficult SFA Occlusion
   Case Presenter: Tony Das

12:25 PM Case 2: Crack and Pave Technique for a Highly Calcified SFA
   Case Presenter: Andrej Schmidt

12:35 PM Case 3: Retrograde SFA Access for a Complex Proximal SFA Occlusion
   Case Presenter: Ehrin J. Armstrong

12:45 PM Case 4: Intravascular Lithoplasty for a Highly Calcified SFA
   Case Presenter: Philip Green

12:55 PM Case 5: Pedal Loop Reconstruction for Critical Limb Ischemia
   Case Presenter: Marco Manzi

1:05 PM Case 6: Transmetatarsal Access
   Case Presenter: Arthur C. Lee

1:15 PM Case 7: Combined AntegradeRetrograde Crossing of a Complex Tibial CTO
   Case Presenter: Brian G. DeRubertis

1:25 PM Case 8: Intravascular Tack Deployment to Treat Infrapopliteal Post Angioplasty Dissection
   Case Presenter: Nicolas W Shammas

1:35 PM Roundtable Discussion With Audience QA

TCT ENDOVASCULAR: CRITICAL LIMB ISCHEMIA DEEP DIVE

SATURDAY, SEPTEMBER 22, 2018
2:00 PM - 4:10 PM
Room 30D-E, Upper Level

2:00 PM Critical Limb Ischemia Deep Dive
   Moderators: Ehrin J. Armstrong, Sahil A. Parikh
   Discussants: Masahiko Fujihara, Marco Manzi, Matthew T. Menard, Luis Mariano Palena, Nicolas W Shammas, Ramon L Varcoe

   2:00 PM Multidisciplinary Care in CLI: How Do We Accomplish It
      Lecturers: Michael R. Jaff

   2:10 PM How the Best CLI Trial Will Change Clinical Practice
      Lecturers: Matthew T. Menard

   2:18 PM Disparities in Critical Limb Ischemia Treatment: Can We Minimize Variation
      Lecturers: Schuyler Jones

   2:26 PM Roundtable Discussion Multidisciplinary Care of CLI

   2:31 PM How to Optimize Success in Crossing Tibial Occlusions
      Lecturers: Larry J. Diaz

   2:39 PM Role of Atherectomy in Treating Tibial Vessels: Case Examples and Data
      Lecturers: Nicolas W Shammas

   2:45 PM Intravascular Imaging to Optimize Tibial Interventions
      Lecturers: Steve Henao

   2:51 PM Debate: Pedal Loop Angioplasty is Crucial to Optimize Wound Healing
      Lecturers: Peter A. Soukas

   2:56 PM Debate: Pedal Loop Angioplasty Does Not Improve Outcomes in CLI
      Lecturers: George L Adams

   3:01 PM Roundtable Discussion Optimizing Outcomes of Tibial Interventions

   3:06 PM Adventitial Drug Therapy for Treatment of Critical Limb Ischemia
      Lecturers: Ehrin J. Armstrong

   3:14 PM Cell Based and Biologic Therapies for Critical Limb Ischemia
      Lecturers: Mehdi H. Shishehbor

   3:22 PM Optimal Medical Therapy of Patients With Critical Limb Ischemia
      Lecturers: Douglas E. Drachman

   3:30 PM Debate: Drug Coated Balloons Will Eventually Show Benefit for Infrapopliteal Arteries
      Pro Lecturers: Bryan T. Fisher

   3:35 PM Debate: Drug Coated Balloons Will Eventually Show Benefit for Infrapopliteal Arteries
      Con
**Regional Snapshot Meeting: The Best of Intervention from Asia-Pacific**

Saturday, September 22, 2018  
2:00 PM - 4:00 PM  
Room 318-C, Upper Level

**Session I: My Worst Nightmare Complications**
Moderators: Vinay K. Bahl, Huay Cheem Tan  
Discussants: Jun-Jack Cheng, Kenneth Chin, Shirish Hiremath, Jeehoon Kang, Linda Lison, Fazila T. Malik

- **2:00 PM**  
  **Case 1:** From Indonesia: Catheter Induced Dissection With Acute Vessel Closure Aortic Dissection and Perforation  
  **Case Presenter:** Sodiqur Rifqi

- **2:07 PM**  
  **Roundtable Discussion With Audience QA**

- **2:12 PM**  
  **Case 2:** From Taiwan: Lightening Will Strike Again 2 Wire Breakages Happening in 1 Procedure  
  **Case Presenter:** Chih-Fan Yeh

- **2:19 PM**  
  **Roundtable Discussion With Audience QA**

- **2:24 PM**  
  **Case 3:** From India: Rotational Atherectomy With Left Main Perforation  
  **Case Presenter:** O. Sai Satish

- **2:31 PM**  
  **Roundtable Discussion With Audience QA**

- **2:36 PM**  
  **Case 4:** From Singapore: Finding a Missing Bioresorbable Scaffold  
  **Case Presenter:** Joshua P. Loh

- **2:43 PM**  
  **Roundtable Discussion With Audience QA**

- **2:48 PM**  
  **Case 5:** From South Korea: Tear of a Calcified Coronary Artery  
  **Case Presenter:** Do-Yoon Kang

- **2:55 PM**  
  **Roundtable Discussion With Audience QA**

**Session II: CHIPs from Asia**
Moderators: Teguh Santoso, Wei-Hsian Yin  
Discussants: Mohammed Badiuzzaman, Kenneth Chin, Samuel K Mathew, Seung-Jung Park, Huay Cheem Tan, Chiung Jen Wu

- **3:00 PM**  
  **Case 6:** From Malaysia: Recurrent ISR at the Distal Anastomotic Site of a 10 Year Old Saphenous Vein Graft  
  **Case Presenter:** Kenneth Chin

- **3:07 PM**  
  **Roundtable Discussion With Audience QA**

- **3:12 PM**  
  **Case 7:** From Bangladesh: Post CABG Heavily Calcified Left Main Double Stent Strategy  
  **Case Presenter:** Ashok Dutta

- **3:19 PM**  
  **Roundtable Discussion With Audience QA**

- **3:24 PM**  
  **Case 8:** From India: Trans Radial Rotational Atherectomy of a Critical Left Main Stenosis  
  **Case Presenter:** Anand M Rao

- **3:31 PM**  
  **Roundtable Discussion With Audience QA**

- **3:36 PM**  
  **Case 9:** From Taiwan: Heavily Calcified LM Bifurcation and Near Ostial Occlusion of a Highly Angulated Dominant LCX

- **3:43 PM**  
  **Roundtable Discussion With Audience QA**

- **3:48 PM**  
  **Case 10:** From Indonesia: Half Way Rotational Atherectomy in a Heavily Angulated and Heavily Calcified Lesion A New Technique  
  **Case Presenter:** Teguh Santoso

- **3:55 PM**  
  **Roundtable Discussion With Audience QA**

**HOT TOPIC LUNCH: ECHO GUIDANCE OF INTERVENTIONAL PROCEDURES (SPONSORED BY THE AMERICAN SOCIETY OF ECHOCARDIOGRAPHY)**
12:15 PM - 1:45 PM
Echo Guidance of Interventional Procedures
Moderators: Rebecca T. Hahn, Stephen H. Little
Discussants: Paul A. Grayburn, Chad Kliger, Sunil V. Mankad, Alina A. Nicoara, Muhamed Saric, Frank E. Silvestry

12:15 PM Imaging Pearls for the Interventional Cardiologist
Lecturers: Sunil V. Mankad

12:25 PM Who is the Interventional Imager And How Do We Pay For Them
Lecturers: Paul A. Grayburn

12:35 PM Roundtable Discussion With Audience QA

12:40 PM Imaging Guidance I: Percutaneous ASD VSD Repair
Lecturers: Frank E. Silvestry

12:50 PM Imaging Guidance II: MitraClip Moving Beyond A2P2
Lecturers: Stephen H. Little

1:00 PM Imaging Guidance III: Tricuspid Valve Interventions Imagers Breaking New Ground
Lecturers: Rebecca T. Hahn

1:10 PM Roundtable Discussion with Audience QA

1:15 PM DEBATE: The Minimalist Approach to Imaging is Safe And Heres the Data
Lecturers: Muhamed Saric

1:25 PM DEBATE: Optimizing Outcomes Means TEE Imaging And Heres The Data
Lecturers: Alina A. Nicoara

1:35 PM Roundtable Discussion with Audience QA

HOT TOPIC LUNCH: THE DIABETIC PATIENT REVASCULARIZATION AND MEDICAL THERAPIES
SATURDAY, SEPTEMBER 22, 2018
12:15 PM - 1:45 PM
Room 238-C, Upper Level

12:15 PM The Diabetic Patient: Revascularization and Medical Therapies
Moderators: David J. Maron, Steven P. Marso
Discussants: Jaya Chandrasekhar, Michael E. Farkouh, Vasim Farooq, Fazila T. Malik, Miodrag C. Ostojic, Robert L. Wilensky, Clemens von Birgelen

12:15 PM Introduction: Framing the Issues
Lecturers: Steven P. Marso

12:20 PM The Diabetes Heart Team: Role for Incorporating the Endocrinologist
Lecturers: Silvio Inzucchi

12:28 PM Comprehensive CV Risk Reduction Strategy in Diabetics

12:36 PM Medical Therapy for Whom and When: What is the Ceiling of Medical Therapy
Lecturers: Jonathan D Newman

12:44 PM Newer Diabetes Agents: What All Interventional Cardiologists Need to Know
Lecturers: Steven P. Marso

12:52 PM Roundtable Discussion With Audience QA

1:00 PM CABG Remains the Default Therapy For All Diabetics With Multivessel and Left Main Disease

1:08 PM When is PCI a Valid Alternative To Only Medical Therapy or CABG in the Diabetic Patient
Lecturers: Sripal Bangalore

1:16 PM Complete Revascularization is the Missing Link to Improve Diabetic PCI Outcomes
Lecturers: J. Aaron Grantham

1:24 PM CHIP in The Diabetic Patient: Special Considerations
Lecturers: James M. McCabe

1:32 PM Roundtable Discussion With Audience QA

1:40 PM Summary Comments and Take Home Messages
Lecturers: David J. Maron
**COMPLEX INTERVENTIONS: EXPERT CASE REVIEWS - BALLOON ANGIOPLASTY FOR CHRONIC THROMBOEMBOLIC PULMONARY HYPERTENSION (CTEPH)**

**Saturday, September 22, 2018**
12:15 PM - 1:45 PM  
Room 24A-B, Upper Level

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**12:15 PM - 1:45 PM**

**Balloon Angioplasty for Chronic Thromboembolic Pulmonary Hypertension (CTEPH)**

Moderators: Irene M. Lang, Ehtisham Mahmud  

- **12:15 PM** - **Introduction: What Do We Hope to Learn From These Cases**  
  Lecturers: Irene M. Lang

- **12:20 PM** - **Case 1: A Case of Balloon Pulmonary Angioplasty for CTEPH Emphasizing Optimal Clinical and Anatomic Patient Selection**  
  Lecturers: William R. Auger

- **12:30 PM** - **Case 2: A Case of Balloon Pulmonary Angioplasty for CTEPH: Focus on Technique and Metrics for Success**  
  Case Presenter: Francesco Saia

- **12:40 PM** - **Case 3: A Case of Balloon Pulmonary Angioplasty for CTEPH: Focus on Vessel Selection and Number of Procedures**  
  Case Presenter: Irene M. Lang

- **12:50 PM** - **Case 4: A Case of Balloon Pulmonary Angioplasty for CTEPH Demonstrating the Utility of Intravascular Imaging**  
  Case Presenter: Hiromi Matsubara

- **1:00 PM** - **Case 5: A Case of Balloon Pulmonary Angioplasty for CTEPH: Advanced Techniques Including Functional Assessment**  
  Case Presenter: Ehtisham Mahmud

- **1:10 PM** - **Case 6: A Case Demonstrating the Potential Long Term Benefits of Balloon Pulmonary Angioplasty for CTEPH**  
  Case Presenter: Riyaz Bashir

- **1:20 PM** - **Case 7: A Case of Balloon Pulmonary Angioplasty for CTEPH Complicated by Reperfusion Pulmonary Edema**  
  Case Presenter: Nick H. Kim

- **1:30 PM** - **Case 8: A Case of Balloon Pulmonary Angioplasty for CTEPH Complicated by Perforation**  
  Case Presenter: Sanjum S Sethi

- **1:40 PM** - **Take Home Messages: What Did We Learn From These Cases**  
  Lecturers: Ehtisham Mahmud

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**COMPLEX INTERVENTIONS: EXPERT CASE REVIEWS - COMPLEX ADULT CONGENITAL INTERVENTION**

**Saturday, September 22, 2018**
12:15 PM - 1:53 PM  
Room 28D-E, Upper Level

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**12:15 PM - 1:53 PM**

**Complex Adult Congenital Intervention**

Moderators: Lee N. Benson, Eric Horlick  
Discussants: Zahid Amin, Makram R. Ebeid, Ioannis Iakovou, Michael J. Lim, Mark Osten, Harsimran Sachdeva Singh, Nathan W Taggart

- **12:15 PM** - **Introduction: What do We Hope to Learn From these Cases**  
  Lecturers: Lee N. Benson

- **12:18 PM** - **Case 1: The Domino Effect**  
  Case Presenter: Reda Ibrahim

- **12:27 PM** - **Case 2: TBD**

- **12:36 PM** - **Case 3: Tricuspid Valve in Valve**  
  Case Presenter: Nathan W Taggart

- **12:45 PM** - **Case 4: A Fontan Baffle Obstruction**  
  Case Presenter: Mark Osten

- **12:54 PM** - **Case 5: A Pesky ASD With Help From Modelling**  
  Case Presenter: Michael J. Lim

- **1:03 PM** - **Case 6: Percutaneous Pulmonary Valve Placement: Mishap After Mishap**  
  Case Presenter: Zahid Amin

- **1:12 PM** - **Case 7: Bifurcation Stenting for Pulmonary Vein Stenosis**  
  Case Presenter: Harsimran Sachdeva Singh

- **1:21 PM** - **Case 8: A Large Coronary Fistula: Should it be Closed and How**  
  Case Presenter: Ioannis Iakovou
### COMPLEX INTERVENTIONS: EXPERT CASE REVIEWS - CTO ANTEGRADE REENTRY TECHNIQUES

**SATURDAY, SEPTEMBER 22, 2018**  
**12:15 PM - 1:45 PM**  
Room 25A-B, Upper Level

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>12:15 PM</td>
<td>CTO Antegrade Reentry Techniques</td>
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<tr>
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<td>Moderators: Dimitri Karmpaliotis, Etsuo Tsuchikane</td>
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<td>Discussants: Pierfrancesco Agostoni, Alfredo R. Galassi, Junbo Ge, Lukas B. Klima, Leif Thuesen, R. Michael Wyman</td>
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<tr>
<td>12:15 PM</td>
<td>introduction: What Do We Hope to Learn From These Cases</td>
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<td>Lecturers: Etsuo Tsuchikane</td>
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<td>12:20 PM</td>
<td>Case 1: A Case of Demonstrating the Contemporary Utility of the Parallel Wire Technique</td>
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<td>Case Presenter: Gerald S. Werner</td>
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<td>12:30 PM</td>
<td>Case 2: A Case Demonstrating an Advanced Antegrade Dissection and Reentry Technique</td>
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<td>Case Presenter: R. Michael Wyman</td>
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<td>12:40 PM</td>
<td>Case 3: A Case Demonstrating the Knuckle Wire Technique</td>
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<td>Case Presenter: Sunao Nakamura</td>
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<td>12:50 PM</td>
<td>Case 4: A Case of Antegrade Fenestration and Re Entry</td>
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<td>Case Presenter: Mauro Carlino</td>
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<td>1:00 PM</td>
<td>Case 5: A CTO Case in Which Antegrade Persistence Payed Off</td>
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<td>Case Presenter: Nicholas J. Lembo</td>
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<td>Case 6: A Case of Real Time Fusion CT Imaging to Guide CTO PCI</td>
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<td>Case Presenter: Farouc A Jaffer</td>
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<td>Case 7: A Case Demonstrating Active Antegrade True Lumen Seeking</td>
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<td>Case Presenter: Yuejin Yang</td>
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<td>Case 8: A Major Complication During Antegrade CTO PCI Hint Not a Perforation</td>
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<td>Lecturers: Roberto Diletti</td>
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<td>Take Home Messages: What Did We Learn From These Cases</td>
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<td>Lecturers: Dimitri Karmpaliotis</td>
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### COMPLEX INTERVENTIONS: EXPERT CASE REVIEWS - FFR-CT CASE STUDIES: NONINVASIVE DIAGNOSIS AND PROCEDURAL PLANNING

**SATURDAY, SEPTEMBER 22, 2018**  
**12:15 PM - 1:45 PM**  
Room 32A-B, Upper Level

<table>
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<tr>
<th>Time</th>
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<tr>
<td>12:15 PM</td>
<td>FFRCT Case Studies: Noninvasive Diagnosis and Procedural Planning</td>
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<tr>
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<td>Moderators: Nick Curzen, Robert D. Safian</td>
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<td>Discussants: Colin Berry, Pamela S. Douglas, Jonathan A. Leipsic, Hitoshi Matsuo, Erick Schampaert</td>
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<tr>
<td>12:15 PM</td>
<td>introduction: What Do We Hope to Learn From These Cases</td>
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<td>Lecturers: Robert D. Safian</td>
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<tr>
<td>12:19 PM</td>
<td>Case 1: An FFRCT Case That Convinced Me of Its Utility</td>
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<td>Case Presenter: Michael Mooney</td>
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<td>12:28 PM</td>
<td>Case 2: A Case Where FFRCT Was More Accurate Than All Other Imaging Modalities From PACIFIC</td>
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<td>Case Presenter: Paul Knaapen</td>
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<td>12:37 PM</td>
<td>Case 3: A Case Where FFRCT Identified Ischemia in a Mild Coronary Stenosis From the ADVANCE Registry</td>
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<td>Case Presenter: Takashi Akasaka</td>
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<td>12:46 PM</td>
<td>Case 4: A Real World Case Where FFRCT Provided Unique Insights</td>
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<td>Case Presenter: Hitoshi Matsuo</td>
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<td>12:55 PM</td>
<td>Case 5: A Case of FFRCT to Evaluate Dyspnea and Atypical Symptoms</td>
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<td>Case Presenter: Daniel I. Simon</td>
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**TRANSCATHER CARDIOVASCULAR THERAPEUTICS | SATURDAY, SEPTEMBER 22, 2018**

*Last Updated 08/30/2018  Page: 53*
## COMPLEX INTERVENTIONS: EXPERT CASE REVIEWS - INTERVENTIONAL

### RICH EMOTIONAL EXPERIENCES (AKA COMPLICATIONS) I: CORONARY

### SATURDAY, SEPTEMBER 22, 2018

12:15 PM - 1:45 PM

**Room 28A-B, Upper Level**

**Introduction:** What Do We Hope To Learn From These Cases  
Lecturers: Ran Kornowski  

Case 1: A Case of a Massive Coronary Perforation  
Case Presenter: Nicholas J. Lembo

Case 2: A Case of a Collateral Perforation  
Case Presenter: Sanjog Kalra

Case 3: A Case of Refractory No Reflow  
Case Presenter: Rahul Sakhuja

Case 4: A Case of a Lost Stent in the Left Main  
Case Presenter: Waleed El Awady

Case 5: A Complication That Occurred When I Treated a Post MI VSD  
Case Presenter: Biswajit Kar

Case 6: A Most Uncommon PCI Complication  
Case Presenter: Barry D. Rutherford

Case 7: A Radial Artery Access Disaster  
Case Presenter: Ramon Quesada

Case 8: A Case of Major Peripheral Vascular Complications During Coronary Intervention  
Case Presenter: Dmitriy N. Feldman

**Take Home Messages:** What Did We Learn From These Cases  
Lecturers: William L. Lombardi

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## COMPLEX INTERVENTIONS: EXPERT CASE REVIEWS - MITRACLIP COMPLEX CASE STUDIES AND TECHNIQUE

### SATURDAY, SEPTEMBER 22, 2018

12:15 PM - 1:45 PM

**Room 29A-B, Upper Level**

**MitraClip Complex Case Studies and Technique**  
Moderators: Hüseyin Ince, Matthew J. Price  
Discussants: Anita Asgar, Eric A. Cohen, Oscar A. Mendiz, Frederick G. St. Goar, Corrado Tamburino, Brian K. Whisenant

**Introduction:** What Do We Hope to Learn From These Cases  
Lecturers: Matthew J. Price

Case 1: A Case of Progressive Stenosis After a Successful MitraClip  
Case Presenter: Ulrich Schäfer

Case 2: MitraClip for Annuloplasty Ring Dehiscence  
Case Presenter: Peter Wenaweser

Case 3: MitraClip for Prolapse of a Trileaflet Mitral Valve  
Case Presenter: Manuel Pan
Case 4: Transcatheter MitraClip Repair for Commissural Regurgitation
Case Presenter: Joachim Schofer

Case 5: A Case of Transcatheter Mitral Valve Repair in the Setting of Cardiogenic Shock
Case Presenter: Paolo Denti

Case 6: A Challenging MitraClip Decision: Whether to Implant a Second Clip
Case Presenter: Konstantinos Spargias

Case 7: TBD
Case Presenter: Jörg Hausleiter

Case 8: An Iatrogenic ASD During Transcatheter Mitral Valve Repair: When and Why to Close
Case Presenter: George S. Hanzel

Take home Messages: What Did We Learn From these Cases
Lecturers: Hüseyin Ince

COMPLEX INTERVENTIONS: EXPERT CASE REVIEWS - TAVR VALVE IN VALVE, VALVE IN RING, VALVE IN MAC, AND VALVE IN BICUSPID AS

SATURDAY, SEPTEMBER 22, 2018
12:15 PM - 1:46 PM
Room 26A-B, Upper Level

12:15 PM - 1:46 PM
TAVR Valve in Valve, Valve in Ring, Valve in MAC and Valve in Bicuspid AS
Moderators: Danny Dvir, Massimo Napodano
Discussants: Robert J. Applegate, Vinayak Bapat, Alaide Chieffo, Jan Kovac, Bernard Prendergast

12:15 PM
Introduction: What Do We Hope to Learn From These Cases
Lecturers: Danny Dvir

12:19 PM
Case 1: A Case of TAVR ViV Requiring an Advanced Approach
Case Presenter: Mohamed Abdel-Wahab

12:28 PM
Case 2: A Case of TAVR in TAVR
Case Presenter: Marco Barbanti

12:37 PM
Case 3: A Case of Bioprosthetic Valve Fracture To Facilitate TAVR ViV
Case Presenter: Keith B. Allen

12:47 PM
Case 4: Bioprosthetic Valve Fracture Before or After TAVR ViV
Case Presenter: Adnan K. Chhatriwalla

12:56 PM
Case 5: A Case of TAVR in a Stentless Surgical Valve Tips and Tricks to Know
Case Presenter: David X. Zhao

1:05 PM
Case 6: A Case of Failed TAVR ViV
Case Presenter: Rajiv Jauhar

1:14 PM
Case 7: A Case of TAVR ViR With Complications
Case Presenter: Azeem Latib

1:23 PM
Case 8: A Case of a TAVR in MAC With Complications
Case Presenter: Torsten P. Vahl

1:32 PM
Case 9: A Case of TAVR in Bicuspid Aortic Stenosis Technical Considerations
Case Presenter: Albert Markus Kasel

1:41 PM
Take Home Messages: What Did We Learn From These Cases
Lecturers: Massimo Napodano

SPECIAL SESSION: 16TH ANNIVERSARY HBD (HARMONIZATION BY DOING)

SATURDAY, SEPTEMBER 22, 2018
9:00 AM - 5:00 PM
Room 27A-B, Upper Level

9:00 AM - 9:30 AM
Introduction and Prospect of HBD Activities
Moderators: Mitchell W. Krucoff

9:00 AM
History of HBD Activity
Lecturers: Neal Fearnot

9:15 AM
Introduction of HBD for children
Lecturers: Koji Mineta
9:30 AM - 10:45 AM
How Can We Generate Robust Real-World Evidence From Global Real-World Data?
Moderators: John C Laschinger, Kazuhiro Sase

9:30 AM The Current Situation and Perspective in US RAPID NEST
Lecturers: Mitchell W. Krucoff

9:40 AM The Current Situation and Perspective in Japan and International Activity CIN IMDRF
Lecturers: Kazuhiro Sase

9:50 AM The Effort of Generating Robust RWE From US Academia

10:00 AM Seeking a More Effective Way of Utilizing Big Data From Daily Practice in Japan
Lecturers: Tetsuya Amano, MD

10:10 AM How We Can Utilize the RWE for Regulatory Decision Making FDA Perspective
Lecturers: John C Laschinger

10:20 AM Panel Discussion

10:45 AM - 11:00 AM
Break

11:00 AM - 12:30 PM
Thinking About the Clinical Positioning of Percutaneous Mitral Regurgitation (MR) and Tricuspid Regurgitation (TR) Valve-Related Devices in the Maturity Stage of Surgical Treatment
Moderators: Saibal Kar, Shigeru Saito
Discussants: Jaime Raben

11:00 AM Global Early Feasibility Study: Novel Mitral Regurgitation Valve Treatment Device
Lecturers: Robert Thatcher

11:10 AM The Current Situation and Trend for the MR and TR Valve Related Devices
Lecturers: Fumiaki Ikeno

11:20 AM MR and TR Valve Related Device Will be a Game Changer From US Academias Prospective

11:30 AM MR and TR Valve Related Device Will be a Game Changer From Japanese Academias Prospective Based on Post Market Surveillance in Japan

11:40 AM Points to Consider in the Review of MR and TR Valve Related Devices FDAs View
Lecturers: Ankurita Datta

11:50 AM Points to Consider in the Review of MR and TR Valve Related Devices PMDAs View
Lecturers: Akihide Konishi

12:00 PM Panel Discussion

12:30 PM - 1:30 PM
Break for Lunch

1:30 PM - 3:30 PM
What is the Appropriate Definition and Treatment for High Risk Bleeding Patients? ~Focused on Short DAPT for Coronary DES and Left Atrial Appendage Closure Device (LAAC Device)
Moderators: Mitchell W. Krucoff, Hiroyoshi Yokoi
Discussants: Lydia S Glaw

3:30 PM - 3:45 PM
Break

3:45 PM - 5:00 PM
Rethink of the Clinical Position for Renal Sympathetic Denervation (RDN) Based on Current Evidence
Moderators: Kenneth J. Cavanaugh Jr, Takafumi Ueno

3:45 PM The Overview of Current Evidence of RDN: The Result of RADIANCE HTN SOLO Trial and SPYRAL HTN on MED Trial
Lecturers: Laura Mauri

3:55 PM What are the Suitable Target Patients and Endpoints for RDN Based on the Current Evidence

4:05 PM Japanese Perspective and Experience on RDN Studies
Lecturers: Takafumi Ueno

4:15 PM Point to Consider in the Review of the RDN Related Devices: US Regulatory
Lecturers: Hiren Mistry
FASCINATING LECTURES I: THE GLOBAL REACH OF INTERVENTIONAL CARDIOLOGY

SATURDAY, SEPTEMBER 22, 2018
2:00 PM - 3:00 PM
Ballroom 6A, Upper Level

2:00 PM - 3:00 PM
The Global Reach of Interventional Cardiology
Moderators: James E. Muller, Giora Weisz
Discussants: Andrea Abizaid, Graham A. Cassel, David F. Kong, Ehtisham Mahmud, Robert D. Safian

- 2:00 PM Balloons on the Battlefield: Novel Endovascular Techniques for Military Resuscitation
  Lecturers: Paul Rees
- 2:10 PM Fascinating QA
- 2:15 PM PCI for Syrian Refugees in Jordan With the Syrian American Medical Society SAMS
  Lecturers: Stefan Harb
- 2:25 PM Fascinating QA
- 2:30 PM Interventional Cardiology Acronyms and the Suffering of the Syrian People During the Civil War
  Lecturers: Waleed Y Kadro
- 2:40 PM Fascinating QA
- 2:45 PM Robotic Tele Stenting Over Long Geographic Distances: Progress and Barriers
  Lecturers: Ryan D. Madden
- 2:55 PM Fascinating QA

SPECIAL @TCT SESSION: CVREP@TCT - THE CHIP FORUM

SATURDAY, SEPTEMBER 22, 2018
2:30 PM - 4:00 PM
Room 23B-C, Upper Level

2:30 PM - 2:35 PM
Introduction and Session Goals

2:35 PM - 3:05 PM
Session I. Calcified Lesions
Moderators: Amr Kamal, Mohamed Ahmed Sobhy, Sherif Wagdy
Discussants: Tarek Helmy

- 2:35 PM Case 1: Complex Diffuse Coronary Artery Disease
  Lecturers: Amr Mahmoud Zaki
- 2:45 PM Roundtable Discussion
- 2:50 PM Case 2: Complex Multivessel PCI With Severely Calcified Lesions
  Lecturers: Mohamed Sadaka
- 3:00 PM Roundtable Discussion

3:05 PM - 3:30 PM
Session II. CTO
Moderators: Amr Kamal, Mohamed Ahmed Sobhy, Sherif Wagdy
Discussants: Ayman Abou El Magd, Ziad A. Ali, Tyrone J. Collins

- 3:05 PM Case 3: A Challenging CTO Antegrade Case
  Case Presenter: Sherif Elbeltagui
- 3:15 PM Case 4: Antegrade Fenestration and Re Entry - A New Technique
  Case Presenter: Yasser Sadek
3:25 PM Roundtable Discussion

3:30 PM - 4:00 PM
Session III. Multivessel With High Euro Score
Moderators: Amr Kamal, Mohamed Ahmed Sabhy, Sherif Wagdy
Discussants: George D. Dangas, Hossam I. Kandil, Mahmoud Soliman

3:30 PM Case 5: ACS And Multivessel Disease
Case Presenter: Mohamed Loutfi

3:40 PM Case 6: NSTEMI and Multivessel Disease
Case Presenter: Mohamed Setiha

3:50 PM Roundtable Discussion

3:55 PM Summary and Take Home Messages
Lecturers: Ori Ben-Yehuda

SPECIAL SESSION: TCT RUSSIA

SATURDAY, SEPTEMBER 22, 2018
3:00 PM - 5:00 PM
Presentation Theater 1, Hall B2, Ground Level

3:00 PM - 5:00 PM
Complex Interventional Procedures in the High-risk Patient: A Case-Based Symposium in Collaboration With TCT Russia
Moderators: Bagrat Alekyan, Juan F. Granada
Discussants: Vladimir Ganyukov, Samir R. Kapadia, Zaza Kavteladze, Roxana Mehran, Jeffrey W. Moses, Alex Nikanorov, Roman Tarasov, Narek Zakaryan

3:00 PM Introduction
Lecturers: Jeffrey W. Moses

3:05 PM Featured Lecture: Hemodynamic Support in Complex Interventional Procedures Clinical Indications Available Devices and Clinical Outcomes
Lecturers: Jeffrey W. Moses

3:15 PM Case Presentation: Complex Left Main and Retrograde Right Coronary Recanalization Procedure
Case Presenter: Narek Zakaryan

3:25 PM Case Presentation: ECMO Assisted TAVR
Case Presenter: Vladimir Ganyukov

3:35 PM Roundtable Discussion

3:45 PM Featured Lecture: The High risk Patient: Risk Assessment and Current Recommendations for DAPT and OAC
Lecturers: Roxana Mehran

3:55 PM Case Presentation: Hybrid Approach in Treatment of Patient With Critical Aortic Stenosis Unprotected Left Main Lesion and Stomach Cancer
Case Presenter: Bagrat Alekyan

4:05 PM Case Presentation: Endovascular Interventions Following Large Open Surgery
Case Presenter: Zaza Kavteladze

4:15 PM Roundtable Discussion

4:25 PM Featured Presentation: Simultaneous LAA Closure With Structural Heart Procedures Indications and Postinterventional Management
Lecturers: Samir R. Kapadia

4:35 PM Case Presentation: Stenting of the Right Ventricular Outflow Tract in a Child With Tetralogy of Fallot: Clinical Results and Histological Data of the Explanted Stent
Case Presenter: Roman Tarasov

4:45 PM Roundtable Discussion

4:55 PM Take home Messages
Lecturers: Bagrat Alekyan

SPECIAL SESSION: DISCUSSIONS WITH THE LATE BREAKING TRIAL PRINCIPAL INVESTIGATORS I

SATURDAY, SEPTEMBER 22, 2018
5:00 PM - 6:00 PM
Ballroom 6A, Upper Level

5:00 PM - 6:00 PM
Discussions With the Late Breaking Trial Principal Investigators I
Moderators: Sripal Bangalore, Christopher J. White

5:00 PM BIONYX: Summary and Clinical Implications
   Lecturers: Clemens von Birgelen
5:05 PM Discussion
5:15 PM TALENT: Summary and Clinical Implications
   Lecturers: Patrick W. Serruys
5:20 PM Discussion
5:30 PM ReCre8: Summary and Clinical Implications
   Lecturers: Pieter R. Stella
5:35 PM Discussion
5:45 PM IMPERIAL: Summary and Clinical Implications
   Lecturers: William A. Gray
5:50 PM Discussion

PRESENTATION THEATER PROGRAM: CONTRAST-INDUCED ACUTE KIDNEY INJURY: PREVENTIVE MEASURES THAT WORK (ORGANIZED BY CRF, SPONSORED BY ABIOMED, INC., GE HEALTHCARE, AND OSPREY MEDICAL)

SATURDAY, SEPTEMBER 22, 2018
11:30 AM - 12:30 PM
Presentation Theater 2, Hall B2, Ground Level

11:30 AM - 12:30 PM
Contrast-Induced Acute Kidney Injury: Preventive Measures that Work in High Risk Patients
   Chairs: Roxana Mehran
   Faculty: Emmanouil S. Brilakis, Michael P. Flaherty, Vishal Gupta, MD, Hitinder S. Gurm

11:30 AM Renal Function Contrast Media Dosing in High Risk Patient Populations
   Lecturers: Hitinder S. Gurm
11:40 AM Impella Assisted PCI and a Strategy to Prevent AKI in High Risk Patients
   Lecturers: Michael P. Flaherty
11:50 AM Effect of MARCE Incidence and Economic Impact Resulting From Contrast Media Use in the Cath Lab
   Lecturers: Emmanouil S. Brilakis
12:00 PM Development of a Kidney Care Protocol in the Cath Lab: Screening Hydration and Dye Minimization
   Lecturers: Vishal Gupta, MD
12:10 PM Panel Discussion and QA
12:30 PM Adjourn

PRESENTATION THEATER PROGRAM: LOTUS EDGE AND ACURATE NEO2 AND SENTINEL CEREBRAL PROTECTION SYSTEM: NEXT-GENERATION TAVR (SPONSORED BY BOSTON SCIENTIFIC CORPORATION)

SATURDAY, SEPTEMBER 22, 2018
11:30 AM - 12:30 PM
Presentation Theater 4, Exhibit Hall, Ground Level

11:30 AM - 12:30 PM
LOTUS Edge and ACURATE neo2 and Sentinel Cerebral Protection System: Next-Generation TAVR
   Chairs: Ted Feldman
   Faculty: Robert Gooley, Helge Möllmann, Michael J. Reardon, Michael J. Rinaldi, Julia Seeger

11:30 AM The Ulm University Experience With Sentinel
   Lecturers: Julia Seeger
11:35 AM Sentinel: A Real World Experience
11:45 AM LOTUS Edge: Cutting Edge Experience
   Lecturers: Robert Gooley
11:55 AM ACURATE neo2: Building the Evidence
   Lecturers: Helge Möllmann
The Future Clinical Trial Landscape of TAVR
Lecturers: Michael J. Reardon

Panel Discussion
Moderators: Ted Feldman
Discussants: Robert Gooley, Helge Möllmann, Michael J. Reardon, Michael J. Rinaldi, Julia Seeger

Wrap Up
Lecturers: Ted Feldman

PRESENTATION THEATER PROGRAM: MAGMARIS MAGNESIUM RMS: IN A CLASS OF ITS OWN (SPONSORED BY BIOTRONIK)

SATURDAY, SEPTEMBER 22, 2018
11:30 AM - 12:30 PM
Presentation Theater 5, Exhibit Hall, Ground Level

11:30 AM - 12:30 PM
Magmaris Magnesium RMS: In a Class of Its Own
Co Chairs: Michael Haude, Ron Waksman
Faculty: Stefano Galli, Michael Joner, Michael Kang-Yin Lee

11:30 AM Why do we need scaffolds
Lecturers: Michael Haude

11:40 AM Discussion

11:45 AM Magmaris: Reducing the risk of neoatherosclerosis
Lecturers: Michael Joner

11:55 AM Discussion

12:03 PM Neointimal Healing Evaluated by Optical Coherence Tomography after Drug Eluting Absorbable Metal Scaffold Implantation in denovo Native Coronary Lesions
Lecturers: Parsi Karjalainen

12:10 PM Discussion

12:15 PM New clinical insights from BIOSOLVE IV
Lecturers: Michael Kang-Yin Lee

12:23 PM Discussion

12:28 PM Key learnings and take away
Lecturers: Ron Waksman

12:30 PM Adjourn

PRESENTATION THEATER PROGRAM: TRANSRADIAL ANGIO CLUB - COMPLEX CORONARY INTERVENTIONS SYMPOSIUM (SPONSORED BY CORDIS, A CARDINAL HEALTH COMPANY)

SATURDAY, SEPTEMBER 22, 2018
11:30 AM - 12:30 PM
Presentation Theater 3, Exhibit Hall, Ground Level

PRESENTATION THEATER PROGRAM: LEADING THE WAY AS TAVR BECOMES THE GOLD-STANDARD FOR TREATING AS (A CASE-BASED DISCUSSION) (SPONSORED BY CRF, SUPPORTED BY EDWARDS LIFESCIENCES)

SATURDAY, SEPTEMBER 22, 2018
1:00 PM - 2:00 PM
Presentation Theater 1, Hall B2, Ground Level

1:00 PM - 2:00 PM
Leading the Way as TAVR Becomes the Gold-Standard for Treating AS (A Case-Based Discussion)
Co Chairs: Martin B. Leon, John G. Webb
Faculty: Megan Coylewright, Tsuyoshi Kaneko, Sandra Lauck, Wilson Y. Szeto, Vinod H. Thourani, David A. Wood

1:00 PM An SDM Primer for TAVR
Patient Access Challenges Secondary to Current TAVR/SAVR Site Availability
Lecturers: Tsuyoshi Kaneko

Discussion
Moderators: Wilson Y. Szeto

Brief 3M Like Case Presentation Articulating the Minimalist Credo
Lecturers: David A. Wood

Changes Necessary to Transform TAVR into a Gold Standard Therapy
Lecturers: Sandra Lauck

Gentle Warning Against Extreme Minimalism Strategies
Lecturers: Martin B. Leon

Discussion
Moderators: Vinod H. Thourani

SAPIEN 3 Ultra Case and Technology
Lecturers: John G. Webb

CENTERA is Next on the Horizon
Lecturers: Martin B. Leon

Discussion
Moderators: John G. Webb

Final Thoughts Adjourn

PRESENTATION THEATER PROGRAM: PREPARE TO SUCCEED IN COMPLEX PCI: CASE-BASED INSIGHTS FOR TECHNICAL SUCCESS THROUGH ADVANCED GUIDANCE AND TREATMENT TOOLS (SPONSORED BY PHILIPS)

SATURDAY, SEPTEMBER 22, 2018
1:00 PM - 2:00 PM
Presentation Theater 5, Exhibit Hall, Ground Level

Prepare to Succeed in Complex PCI: Case-Based Insights for Technical Success Through Advanced Guidance and Treatment Tools
Chairs: Ehrin J. Armstrong
Lecturers: Farouc A Jaffer
Faculty: Kevin J. Croce, Javier Escaned

1:00 PM  Introductions
Moderators: Ehrin J. Armstrong
Lecturers: Kevin J. Croce, Javier Escaned, Farouc A Jaffer

1:05 PM  The Future of Physiology: Complex PCI Guidance
Lecturers: Javier Escaned

1:20 PM  How to Deal With ISR and Multi layer ISR
Lecturers: Kevin J. Croce

1:35 PM  Improving Complex PCI Outcomes With IVUS
Lecturers: Farouc A Jaffer

1:50 PM  Conclusions and Questions
Moderators: Ehrin J. Armstrong
Discussants: Kevin J. Croce, Javier Escaned, Farouc A Jaffer

2:00 PM Adjourn

PRESENTATION THEATER PROGRAM: THE CASE FOR COMPLETE CEREBRAL EMBOLIC PROTECTION - REFLECT (SPONSORED BY KEYSTONE HEART, LTD.)
1:00 PM - 2:00 PM
The Case for Complete Cerebral Embolic Protection - REFLECT
Chairs: Alexandra J. Lansky, Tamim Nazif
Faculty: Abhijeet Dhoble, MD, John K. Forrest, Michael J. Mack, Raj Makkar, Jeffrey W. Moses, Joachim Schofer, Rahul Sharma, Pieter R. Stella

1:00 PM   Current Cerebral Embolic Protection Landscape   Keystone Heart TriGUARD Data Review
Lecturers: Jeffrey W. Moses
1:10 PM   REFLECT Clinical Update with TriGUARD 3
Lecturers: Tamim Nazif
1:20 PM   TriGUARD 3 Case Presentation   Early European Experience
Lecturers: Pieter R. Stella
1:30 PM   The Importance of DW MRI and Longitudinal Impact of Cerebral Ischemic Lesions
Lecturers: John K. Forrest
1:40 PM   Cerebral Embolic Protection Panel Discussion
Lecturers: Alexandra J. Lansky

PRESENTATION THEATER PROGRAM: THE RADIANCE GLOBAL CLINICAL TRIAL PROGRAM: THE FUTURE OF RENAL DENERVATION IS SOUND! (SPONSORED BY RECOR MEDICAL)

SATURDAY, SEPTEMBER 22, 2018
1:00 PM - 2:00 PM
Presentation Theater 3, Exhibit Hall, Ground Level

1:00 PM - 2:00 PM
The RADIANCE Global Clinical Trial Program: The Future of Renal Denervation is SOUND!
Chairs: Ajay J. Kirtane
Faculty: Melvin D. Lobo, Felix Mahfoud

1:00 PM   Introduction to Session
Lecturers: Ajay J. Kirtane
1:05 PM   RADIANCE HTN SOLO off medication cohort: in depth analysis of primary efficacy and safety outcomes
Lecturers: Ajay J. Kirtane
1:15 PM   Q  A
1:20 PM   RDN procedure with the ReCor Paradise technology: anatomy treatment location procedure standardization and simplicity
Lecturers: Felix Mahfoud
1:35 PM   Q  A
1:40 PM   Clinical Context of SOLO Results and the RADIANCE Global Clinical Trial Program
Lecturers: Melvin D. Lobo
1:55 PM   Q  A Close session
2:00 PM   Adjourn

PRESENTATION THEATER PROGRAM: TREATING LOWER LIMB DISEASE WITH SUPERA: OVERVIEW AND CASE EXAMPLES (SPONSORED BY ABBOTT)

SATURDAY, SEPTEMBER 22, 2018
1:00 PM - 2:00 PM
Presentation Theater 2, Hall B2, Ground Level

1:00 PM - 2:00 PM
Treating Lower Limb Disease with Supera: Overview and Case Examples
Faculty: Ethan C Korngold, Sahil A. Parikh

1:00 PM   Welcome
Lecturers: Sahil A. Parikh
1:05 PM   Supera Overview Case Examples
Lecturers: Ethan C Korngold
1:35 PM  Supera Case Examples  
   Lecturers: Sahil A. Parikh
1:50 PM  Closing and Remarks  
   Lecturers: Ethan C Korngold, Sahil A. Parikh
2:00 PM  Adjourn

TRAINING: ABBOTT PAVILION #1 - MITRACLIP NTR & XTR: DEVICE & PROCEDURAL TECHNIQUES

SATURDAY, SEPTEMBER 22, 2018
8:00 AM - 9:30 AM
ABBOTT PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

8:00 AM - 9:30 AM  
Mitral NTR & XTR: Device & Procedural Techniques  
Interactive Training Faculty: Gorav Ailawadi, Anita Asgar, Wayne B. Batchelor, Steve Burstein, Bassem Chehab, Paolo Denti, Nicolas Dumonteil, Rodrigo Estevez-Loureiro, GEORGE GELLERT, James B. Hermiller Jr, Scott Lim, Paul D. Mahoney, Moody M Makar, Andrew Morse, Ahmed Mustafa, Mark J. Ricciardi, Michael J. Rinaldi, David G. Rizik, Evelio Rodriguez, Joshua Rovin, Gagan D Singh, Maurizio Taramasso

8:00 AM  Introduction
8:05 AM  Didactic Device Overview
8:25 AM  Hands on Device Deployment

TRAINING: BOSTON SCIENTIFIC PAVILION #1 - IMAGING/PHYSIOLOGY: OPTIMIZE PCI - NEW PHYSIOLOGIC INDICES AND HIGH DEFINITION IVUS

SATURDAY, SEPTEMBER 22, 2018
8:00 AM - 9:30 AM
BOSTON SCIENTIFIC PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

8:00 AM - 9:30 AM  
Imaging/Physiology: Optimize PCI - New Physiologic Indices and High Definition IVUS  
Interactive Training Faculty: Yiannis S Chatzizisis, William F. Fearon, Allen Jeremias, Morton J. Kern

8:00 AM  Welcome Remarks
8:05 AM  Coronary physiology toolbox and new options in non hyperemic pressure ratios NHPR
8:12 AM  When to use what in coronary physiology
8:19 AM  FFR best practices and common artifacts
8:27 AM  HD IVUS in complex cases

TRAINING: CHIP - ADVANCED PCI TECHNIQUES PAVILION #1 - PREPARE TO SUCCEED IN COMPLEX PCI

SATURDAY, SEPTEMBER 22, 2018
8:00 AM - 9:30 AM
CHIP PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

TRAINING: ENDOVASCULAR PAVILION #1 - TIBIOPEDAL ACCESS

SATURDAY, SEPTEMBER 22, 2018
8:00 AM - 9:30 AM
ENDOVASCULAR PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

8:00 AM - 9:30 AM  
BTK (Tibiopedal Access) Session I  
Interactive Training Faculty: George L Adams, Philip Green, Karthik R. Gujja, Steve Henao, Aravinda Nanjundappa, Justin A. Ratcliffe, Anish Thomas, Ramzan Zakir
8:00 AM - Video Introduction: The Need for Guided Alternate Access Tibiopedal Antegrade

TRAINING: HEMODYNAMIC SUPPORT AND PATIENT MANAGEMENT PAVILION #1 - LARGE BORE ACCESS AND CLOSURE

SATURDAY, SEPTEMBER 22, 2018
8:00 AM - 9:30 AM
HEMODYNAMIC PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

Large Bore Access and Closure

8:00 AM  Percutaneous Axillary Access Large Bore Access and Closure: Overview
Interactive Training Faculty: Amir Kaki, Rajiv Tayal

8:10 AM  Hands on Percutaneous Axillary Access Large Bore Access and Closure

TRAINING: INTERVENTIONAL IMAGING PAVILION #1 - TRANS-SEPTAL CROSSING FOR LAA USING TEE AND 3D VOLUME ICE

SATURDAY, SEPTEMBER 22, 2018
8:00 AM - 9:30 AM
CHIP-Advanced PCI Techniques Pavilion, Interactive Training Workshop, Upper Level

Trans-septal Crossing for LAA Using TEE and 3D Volume ICE
Interactive Training Faculty: Isaac George, Rebecca T. Hahn, Brij Maini, Robert J. Sommer, Torsten P. Vahl

TRAINING: MEDTRONIC PAVILION #1 - STRUCTURAL HEART: TAVR IN BICUSPID AORTIC VALVE TRAINING WORKSHOP

SATURDAY, SEPTEMBER 22, 2018
8:00 AM - 9:30 AM
MEDTRONIC PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

Structural Heart: TAVR in Bicuspid Aortic Valve Training Workshop
Interactive Training Faculty: Basel Ramlaawi

8:00 AM  Introduction

8:05 AM  Overview of Bicuspid Aortic Valve Disease State

8:25 AM  Identification and Classification of Bicuspid Aortic Valves

8:45 AM  Sizing methodology controversies and Procedural Considerations for Performing TAVR in Bicuspid

TRAINING: TAVR PAVILION #1 - ADVANCING ANESTHESIA CARE

SATURDAY, SEPTEMBER 22, 2018
8:00 AM - 9:30 AM
TAVR PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

Advancing Anesthesia Care
Interactive Training Faculty: Saif Anwaruddin, GEORGE GELLERT, Chad Kliger, Komal Patel, William M Suh

TRAINING: ABBOTT PAVILION #2 - NOW THAT I SEE IT, I KNOW HOW TO TREAT IT! A HANDS-ON SKILLS LAB

SATURDAY, SEPTEMBER 22, 2018
10:00 AM - 11:30 AM
AABBOTT PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

10:00 AM - 11:30 AM
Now That I See It, I Know How to Treat It! A Hands-On Skills Lab

10:00 AM OCT: Now that I see it Presentation

TRAINING: BOSTON SCIENTIFIC PAVILION #2 - IMAGING/PHYSIOLOGY: OPTIMIZE PCI - NEW PHYSIOLOGIC INDICES AND HIGH DEFINITION IVUS

SATURDAY, SEPTEMBER 22, 2018
10:00 AM - 11:30 AM
BOSTON SCIENTIFIC PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

10:00 AM - 11:30 AM
Imaging/Physiology: Optimize PCI - New Physiologic Indices and High Definition IVUS
Interactive Training Faculty: Yiannis S Chatzizisis, Allen Jeremias, Morton J. Kern, David P. Lee

10:00 AM Welcome Remarks
10:05 AM Coronary physiology toolbox and new options in non hyperemic pressure ratios NHPR
10:12 AM When to use what in coronary physiology
10:19 AM FFR best practices and common artifacts
10:27 AM HD IVUS in complex cases

TRAINING: CHIP - ADVANCED PCI TECHNIQUES PAVILION #2 - PREPARE TO SUCCEED IN COMPLEX PCI

SATURDAY, SEPTEMBER 22, 2018
10:00 AM - 11:30 AM
CHIP PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

TRAINING: ENDOVASCULAR PAVILION #2 - TIBIOPEDAL ACCESS

SATURDAY, SEPTEMBER 22, 2018
10:00 AM - 11:30 AM
ENDOVASCULAR PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

10:00 AM - 11:30 AM
BTK (Tibiopedal Access) Session II
Interactive Training Faculty: Philip Green, Karthik R. Gujja, Steve Henao, Arthur C. Lee, Luis Mariano Palena, Justin A. Ratcliffe, Anish Thomas, Ramzan Zakir

10:00 AM Video Introduction: The Need for Guided Alternate Access Tibiopedal Antegrade

TRAINING: HEMODYNAMIC SUPPORT AND PATIENT MANAGEMENT PAVILION #2 - CARDIOGENIC SHOCK (NCSI)

SATURDAY, SEPTEMBER 22, 2018
10:00 AM - 11:30 AM
HEMODYNAMIC PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

10:00 AM - 11:30 AM
Cardiogenic Shock: The National Cardiogenic Shock Initiative

10:00 AM NCSI: Improving Outcomes in Cardiogenic Shock
Interactive Training Faculty: William W. O’Neill

10:30 AM ICU Management: Positioning Troubleshooting Escalation Hands On
11:00 AM  
Treating the Shock Patient: Choosing the Optimal Support Device
Harvi Simulation Hands OnPAC Use and Interpretation
Interactive Training Faculty: Navin K. Kapur

TRAINING: INTERVENTIONAL IMAGING PAVILION #2 - TRANS-SEPTAL CROSSING FOR LAA USING TEE AND 3D VOLUME ICE

SATURDAY, SEPTEMBER 22, 2018
10:00 AM - 11:30 AM
Interventional Imaging Pavilion, Interactive Training Workshop, Upper Level

10:00 AM - 11:30 AM  
Trans-septal Crossing for LAA Using TEE and 3D Volume ICE
Interactive Training Faculty: Isaac George, Chad Kliger, Brij Maini, Tamim Nazif, Torsten P. Vahl

TRAINING: MEDTRONIC PAVILION #2 - PV-SFA INTERVENTION IN COMPLEX LESIONS

SATURDAY, SEPTEMBER 22, 2018
10:00 AM - 11:30 AM
MEDTRONIC PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

10:00 AM - 11:30 AM  
PV-SFA Intervention in Complex Lesions
Interactive Training Faculty: Samer Abbas, S. Hinan Ahmed, Dmitriy N. Feldman

10:00 AM  
Introduction

10:05 AM  
Understanding Complex Lesions in the SFA and Treatment Options for your Patients

10:45 AM  
Hands on Rotations PADMan hands on model with Directional Atherectomy

TRAINING: TAVR PAVILION #2 - UNDERSTANDING THV HEMODYNAMICS AND DURABILITY

SATURDAY, SEPTEMBER 22, 2018
10:00 AM - 11:30 AM
TAVR PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

10:00 AM - 11:30 AM  
Understanding THV Hemodynamics and Durability
Interactive Training Faculty: Pamela S. Douglas, Rebecca T. Hahn, Vinod H. Thourani, Neil J. Weissman

TRAINING: ABBOTT PAVILION #3 - GUIDEWIRE DESIGN AND SELECTION: A HANDS-ON USER’S GUIDE TO GUIDE WIRE TECHNOLOGY

SATURDAY, SEPTEMBER 22, 2018
12:00 PM - 1:30 PM
ABBOTT PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

12:00 PM - 1:30 PM  
Interactive Training Faculty: David Daniels, Jack Hall, Amir Kaki, William Nicholson, Robert F. Riley

12:00 PM  
Introduction

12:05 PM  
Didactic on Guidewire Building Blocks and WH wires

12:15 PM  
Hands on Workhorse Wires Activity

12:30 PM  
Polymer Jacketed Wires Overview and Hands on Activity

12:50 PM  
Extra SupportSpecialty wires Overview and Hands on Activity

1:10 PM  
Wiggle wire Overview and Hands on Activity
TRAINING: BOSTON SCIENTIFIC PAVILION #3 - OPTIMIZATION OF DRUG ELUTION IN THE SFA: RESULTS FROM THE WORLD S 1ST HEAD-TO-HEAD DES TRIAL IN PVD  ELUVIA VS ZILVER PTX

SATURDAY, SEPTEMBER 22, 2018
12:00 PM - 1:30 PM
BOSTON SCIENTIFIC PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

12:00 PM - 1:30 PM
Optimization of Drug Elution in the SFA: Update on the World’s 1st Head-to-head DES Trial in PVD  Eluvia vs Zilver PTX
Interactive Training Faculty: William A. Gray, Robert A. Lookstein, Carlos I. Mena-Hurtado, Sahil A. Parikh

12:00 PM  Welcome Remarks
12:05 PM  Imperial Clinical Trial Update and The Science Behind Eluvia
12:30 PM  When to Consider Atherectomy Vessel Prep Prior to Drug Eluting Therapies
12:45 PM  Physician Panel Discussion

TRAINING: MEDTRONIC PAVILION #3 - CORONARY: OPTIMIZING OUTCOMES IN PATIENTS WITH BIFURCATION LESIONS

SATURDAY, SEPTEMBER 22, 2018
12:00 PM - 1:30 PM
MEDTRONIC PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

12:00 PM - 1:30 PM
Coronary: Optimizing Outcomes in Patients With Bifurcation Lesions
Interactive Training Faculty: Adrian P. Banning, Francesco Burzotta, David Hildick-Smith, Jens Flensted Lassen

12:00 PM  Introduction
12:05 PM  Bifurcations a Complex Lesion Subset
12:30 PM  Bifurcation Treatment Techniques
1:00 PM  The Left Main
1:15 PM  Case Discussions QA

TRAINING: ABBOTT PAVILION #4- SAVE THAT SIDE BRANCH! PRESERVING SIDE BRANCH ACCESS: A HANDS-ON PRACTICAL SKILLS LAB

SATURDAY, SEPTEMBER 22, 2018
2:00 PM - 3:30 PM
ABBOTT PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

2:00 PM - 3:30 PM
Save That Side Branch! Preserving Side Branch Access: A Hands-on Practical Skills Lab
Interactive Training Faculty: Emmanouil S. Brilakis, Jean-François Tanguay, Nick E. J. West, Jason Wollmuth

2:00 PM  Introduction
2:05 PM  SBA Technique Overview and Hand On Guided SessionTechnique 1
2:45 PM  SBA Technique Overview and Hand On Guided SessionTechnique 2
3:25 PM  Wrap Up

TRAINING: BOSTON SCIENTIFIC PAVILION #4 - OPTIMIZATION OF DRUG ELUTION IN THE SFA: RESULTS FROM THE WORLD S 1ST HEAD-TO-HEAD DES TRIAL IN PVD  ELUVIA VS ZILVER PTX

SATURDAY, SEPTEMBER 22, 2018
2:00 PM - 3:30 PM
2:00 PM - 3:30 PM  
Optimization of Drug Elution in the SFA: Update on the World's 1st Head-to-head DES Trial in PVD  
Interactive Training Faculty: Gary M. Ansel, Anvar Babaev, William A. Gray, Craig M. Walker

2:00 PM  
Welcome Remarks

2:05 PM  
Imperial Clinical Trial Update and The Science Behind Eluvia

2:30 PM  
When to Consider Atherectomy Vessel Prep Prior to Drug Eluting Therapies

2:45 PM  
Physician Panel Discussion

TRAINING: CHIP - ADVANCED PCI TECHNIQUES PAVILION #3 - UNDERSTANDING AND PREPARING FOR NEW STRUCTURAL HEART DISEASE INTERVENTIONS

SATURDAY, SEPTEMBER 22, 2018
2:00 PM - 3:30 PM
CHIP PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

TRAINING: ENDOVASCULAR PAVILION #3 - TIBIOPEDAL ACCESS

SATURDAY, SEPTEMBER 22, 2018
2:00 PM - 3:30 PM
ENDOVASCULAR PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

2:00 PM - 3:30 PM  
BTK (Tibiopedal Access) Session III  
Interactive Training Faculty: Beau Hawkins, Vishal Kapur, Tak W. Kwan, Arthur C. Lee, Jun Li, Francesco Maisano, S. Jay Mathews, Kevin Rogers

2:00 PM  
Video Introduction: The Need for Guided Alternate Access Tibiopedal Antegrade

TRAINING: HEMODYNAMIC SUPPORT AND PATIENT MANAGEMENT PAVILION #3 - HEMODYNAMICS OF SHOCK AND HIGH RISK PCI

SATURDAY, SEPTEMBER 22, 2018
2:00 PM - 3:30 PM
HEMODYNAMIC PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

2:00 PM - 3:30 PM  
TEACH: Training and Education in Advanced Cardiovascular Hemodynamics

2:00 PM  
TEACH Intro  
Interactive Training Faculty: Daniel Burkhoff

2:20 PM  
Simulated Cases on HRPCI Hands On  
Interactive Training Faculty: John M. Lasala

3:00 PM  
Simulated Cases on AMICGS Hands On  
Interactive Training Faculty: Perwaiz M. Mera

TRAINING: INTERVENTIONAL IMAGING PAVILION #3 - TRANS-SEPTAL CROSSING FOR MITRAL USING TEE AND 3D VOLUME ICE

SATURDAY, SEPTEMBER 22, 2018
2:00 PM - 3:30 PM
Interventional Imaging Pavilion, Interactive Training Workshop, Upper Level

2:00 PM - 3:30 PM  
Trans-septal Crossing for Mitral Using TEE and 3D Volume ICE  
Interactive Training Faculty: Rebecca T. Hahn, Chad Kliger, Brij Maini, Tamim Nazif, Gagan D Singh, Torsten P. Vahl
## TRAINING: MEDTRONIC PAVILION #4 - STRUCTURAL HEART: FUNDAMENTALS OF CARDIAC ANATOMY AND IMAGING CORRELATION

**SATURDAY, SEPTEMBER 22, 2018**

2:00 PM - 3:30 PM  
MEDTRONIC PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

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<tr>
<th>Time</th>
<th>Session Title</th>
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<tbody>
<tr>
<td>2:00 PM</td>
<td>Introduction</td>
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<tr>
<td>2:05 PM</td>
<td>Anatomy Overview using Various Imaging Modalities for Structural Heart Procedures</td>
</tr>
</tbody>
</table>

## TRAINING: TAVR PAVILION #3 - ADVANCING EFFICIENCY IN TAVR

**SATURDAY, SEPTEMBER 22, 2018**

2:00 PM - 3:30 PM  
TAVR PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

<table>
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<tr>
<th>Time</th>
<th>Session Title</th>
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<tr>
<td>2:00 PM</td>
<td>Advancing Efficiency in TAVR</td>
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<td></td>
<td>Interactive Training Faculty: David J. Cohen, Patricia Keegan, James L. Velianou, David A. Wood</td>
</tr>
</tbody>
</table>

## TRAINING: ABBOTT PAVILION #5 - LARGE BORE ACCESS TO CLOSE: WHAT YOU WANT (AND NEED!!) TO KNOW

**SATURDAY, SEPTEMBER 22, 2018**

4:00 PM - 5:30 PM  
ABBOTT PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

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<th>Time</th>
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<tr>
<td>4:00 PM</td>
<td>Large Bore Access to Close: What You Want (and Need!!) to Know</td>
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<td>Interactive Training Faculty: Adhir Shroff</td>
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<tr>
<td>4:20 PM</td>
<td>Hands on Device Deployment</td>
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</table>

## TRAINING: BOSTON SCIENTIFIC PAVILION #5 - OPTIMIZATION OF DRUG ELUTION IN THE SFA: RESULTS FROM THE WORLD’S 1ST HEAD-TO-HEAD DES TRIAL IN PVD ELUVIA VS ZILVER PTX

**SATURDAY, SEPTEMBER 22, 2018**

4:00 PM - 5:30 PM  
BOSTON SCIENTIFIC PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

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<tr>
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<tr>
<td>4:00 PM</td>
<td>Optimization of Drug Elution in the SFA: Update on the World’s 1st Head-to-head DES Trial in PVD Eluvia vs Zilver PTX</td>
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<td>Interactive Training Faculty: Gary M. Ansel, Steve Henao, Nicolas W Shammas, Craig M. Walker</td>
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<td>Imperial Clinical Trial Update and The Science Behind Eluvia</td>
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<td>When to Consider Atherectomy Vessel Prep Prior to Drug Eluting Therapies</td>
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<tr>
<td>4:45 PM</td>
<td>Physician Panel Discussion</td>
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## TRAINING: CHIP - ADVANCED PCI TECHNIQUES PAVILION #4 - UNDERSTANDING AND PREPARING FOR NEW STRUCTURAL HEART DISEASE INTERVENTIONS
TRAINING: ENDOVASCULAR PAVILION #4 - TIBIOPEDAL ACCESS

SATURDAY, SEPTEMBER 22, 2018
4:00 PM - 5:30 PM
ENDOVASCULAR PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

4:00 PM - 5:30 PM
BTK (Tibiopedal Access) Session IV
Interactive Training Faculty: George S Chrysant, Tony Das, Larry J. Diaz, Vishal Kapur, Ethan C Korngold, Tak W. Kwan, Jun Li, S. Jay Mathews

4:00 PM Video Introduction: The Need for Guided Alternate Access Tibiopedal Antegrade

TRAINING: HEMODYNAMIC SUPPORT AND PATIENT MANAGEMENT PAVILION #4 - COMPLEX PROTECTED PCI

SATURDAY, SEPTEMBER 22, 2018
4:00 PM - 5:30 PM
HEMODYNAMIC PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

4:00 PM - 5:30 PM
Complex Protected PCI

4:00 PM Patient Identification
Interactive Training Faculty: Hiram G. Bezerra

4:20 PM Simulated Cases on HRPCI Hands On
Interactive Training Faculty: Mauricio G. Cohen, Duane S. Pinto

4:55 PM InsertionRepositioning: Hands On
Interactive Training Faculty: Paul D. Mahoney, Adhir Shroff

TRAINING: INTERVENTIONAL IMAGING PAVILION #4 - TRANS-SEPTAL CROSSING FOR MITRAL USING TEE AND 3D VOLUME ICE

SATURDAY, SEPTEMBER 22, 2018
4:00 PM - 5:30 PM
Interventional Imaging Pavilion, Interactive Training Workshop, Upper Level

4:00 PM - 5:30 PM
Trans-septal Crossing for Mitral Using TEE and 3D Volume ICE
Interactive Training Faculty: Isaac George, Michael C. C. Kim, Chad Kliger, Brij Maini

TRAINING: MEDTRONIC PAVILION #5 - CORONARY: DO SIZE AND SHAPE MATTER? HOW TO CHOOSE THE RIGHT DIAGNOSTIC AND GUIDE CATHETERS?

SATURDAY, SEPTEMBER 22, 2018
4:00 PM - 5:30 PM
MEDTRONIC PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

4:00 PM - 5:30 PM
Coronary: Do Size and Shape Matter? How to Choose the Right Diagnostic and Guide Catheters?
Interactive Training Faculty: Mitchell W. Krucoff, Sunil V. Rao

4:00 PM Introduction

4:05 PM Case Based Learning

4:45 PM QA and Simulator Hands on
TRAINING: TAVR PAVILION #4 - HOW TO APPROACH AORTIC AND MITRAL VALVE-IN-VALVE

SATURDAY, SEPTEMBER 22, 2018
4:00 PM - 5:30 PM
TAVR PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

4:00 PM - 5:30 PM
How to Approach Aortic and Mitral Valve-in-Valve
Interactive Training Faculty: Vinayak Bapat, Bassem Chehab, Paul D. Mahoney, John G. Webb

INTERNATIONAL SESSION: CHALLENGING PCI CASES AND SCENARIOS IN MY COUNTRY, PRESENTED BY THE HONG KONG COLLEGE OF CARDIOLOGY, BANGLADESH SOCIETY OF CARDIOVASCULAR INTERVENTION, TUNISIAN WORKING GROUP ON INTERVENTIONAL CARDIOLOGY (GTCI), EMIRATES CARDIAC SOCIETY

SATURDAY, SEPTEMBER 22, 2018
10:00 AM - 11:30 AM
Room 24A-B, Upper Level

10:00 AM - 10:45 AM
Session I: Giant Thrombus During Primary PCI in STEMI
Moderators: Ngai-Yin Chan, Afzalur Rahman
Discussants: Khaldoun Ben Hamda, Habib Gamra, Abdullah Shehab, NAM momen uzzaman

10:00 AM Introduction
Lecturers: Afzalur Rahman

10:05 AM Introduction: A Case of a Very Large and Persistent Thrombus
Lecturers: Kam-Tim Chan

10:10 AM How Would I Treat This Case
Lecturers: Kaisar Nasrullah Khan

10:15 AM How Did I Actually Treat This Case
Lecturers: Kam-Tim Chan

10:20 AM Roundtable Discussion With Audience QA
Lecturers: NAM momen uzzaman

10:25 AM Introduction: A Case of No Reflow During Primary PCI
Lecturers: Afzalur Rahman

10:30 AM How Would I Treat This Case
Lecturers: Chris Kwok Yiu Wong

10:35 AM How Did I Actually Treat This Case
Lecturers: Afzalur Rahman

10:40 AM Roundtable Discussion With Audience QA
Lecturers: Ngai-Yin Chan

10:45 AM - 11:30 AM
Session II: Primary PCI for STEMI in Patients With Multivessel Disease
Moderators: Khaldoun Ben Hamda, Habib Gamra, Abdullah Shehab
Discussants: Ngai-Yin Chan, Afzalur Rahman, NAM momen uzzaman

10:45 AM Introduction: A Patient With STEMI and Multivessel Disease
Lecturers: Arif Al Nooryani

10:50 AM How Would I Treat This Case
Lecturers: Kais Battikh

10:55 AM How Did I Actually Treat This Patient
Lecturers: Arif Al Nooryani

11:00 AM Roundtable Discussion With Audience QA
Lecturers: Abdullah Shehab

11:05 AM Introduction: A Patient With STEMI and Multivessel Disease
Lecturers: Kais Battikh

11:10 AM How Would I Treat This Patient
Lecturers: Arif Al Nooryani

11:15 AM How Did I Actually Treat This Patient
Lecturers: Kais Battikh
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<tr>
<td>11:20</td>
<td>Roundtable Discussion With Audience QA</td>
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<td>Lecturers: Abdullah Shehab</td>
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<td>11:25</td>
<td>Conclusions and Take home Messages</td>
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<td>Lecturers: Habib Gamra</td>
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**INTERNATIONAL SESSION: PRESENT AND FUTURE TREATMENT OF CTO AND TRUE BIFURCATION LESIONS PRESENTED BY THE CZECH ASSOCIATION OF INTERVENTIONAL CARDIOLOGY, SLOVAK SOCIETY OF CARDIOLOGY, GERMAN SOCIETY OF CARDIOLOGY AND THE POLAND CARDIAC SOCIETY**

**SATURDAY, SEPTEMBER 22, 2018**

10:30 AM - 12:30 PM
Room 24C, Upper Level

**Session I. True Coronary Bifurcation Lesions**
Moderators: Petr Kala, Jochen Wöhrle
Discussants: Dariusz Dudek, Martin Hudec, Wojtek Wojakowski

10:30 AM  Introduction: Czech Republic Wojwi
Lecturers: Petr Kala

10:35 AM  Slovakia Presents: Current Knowledge Approach to True Bifurcation Lesions
Lecturers: Anton Farkas

10:45 AM  Poland Presents: Introducing a Case of a Very Complex True Bifurcation Lesion
Case Presenter: Stanislaw Bartus

10:52 AM  Czech Republic Comments: How Would I Treat This Case
Case Presenter: Pavel Cervinka

10:59 AM  Poland Presents: How Did I Treat This Case
Case Presenter: Stanislaw Bartus

11:05 AM  Slovakia Presents: Introducing a Complex Case With a True Bifurcation Lesion
Case Presenter: Milan Dragula

11:12 AM  Germany Comments: How Would I Treat This Case

11:19 AM  Slovakia Presents: How Did I Treat This Case
Case Presenter: Milan Dragula

11:25 AM  Conclusion and Take Home Messages
Lecturers: Jochen Wöhrle

**Session II. Chronic Total Occlusions**
Moderators: Martin Hudec, Wojtek Wojakowski
Discussants: Petr Kala

11:30 AM  Introduction
Lecturers: Wojtek Wojakowski

11:35 AM  Germany Presents: Present and Future Strategies for Recanalizating Chronic Coronary Total Occlusions

11:45 AM  Czech Republic Presents: Introducing a Complex Chronic Total Occlusion
Case Presenter: Vojtech Novotny

11:52 AM  Poland Comments: How Would I Treat This Case
Case Presenter: Wojtek Wojakowski

11:59 AM  Czech Republic Presents: How Did I Treat This Case
Case Presenter: Vojtech Novotny

12:05 PM  Germany Presents: Introducing a Complex Chronic Total Occlusion
Case Presenter: Julia Seeger

12:12 PM  Slovakia Comments: How Would I Treat This Case
Case Presenter: Martin Hudec

12:19 PM  Germany Presents: How Did I Treat This Case
Case Presenter: Julia Seeger

12:25 PM  Conclusion and Take Home Messages
Lecturers: Martin Hudec

**INTERNATIONAL SESSION: MANAGEMENT STRATEGIES IN PCI PATIENTS AT HIGH BLEEDING RISK PRESENTED BY THE WORKING GROUP ON INVASIVE AND INTERVENTIONAL CARDIOLOGY, CROATIAN CARDIAC SOCIETY, WORKING GROUP ON INTERVENTIONAL CARDIOLOGY, BELGIAN WORKING GROUP OF INTERVENTIONAL CARDIOLOGY (BWGIC), AUSTRIAN SOCIETY OF CARDIOLOGY, WORKING GROUP OF INTERVENTIONAL CARDIOLOGY, AND BELARUS WORKING GROUP OF INTERVENTIONAL CARDIOLOGY**
1:30 PM - 3:30 PM

**Management Strategies in PCI Patients at High Bleeding Risk**

**Moderators:** Walter Desmet, Guy J. Friedrich

**Discussants:** Kurt Huber, Eduard Margetic, Oleg Polonetsky

- **1:30 PM** Case Presentation: Chronic Oral Anticoagulant and Antiplatelet Management Decisions
  
  **Case Presenter:** Guy J. Friedrich

- **1:50 PM** Bleeding Risk and Management Strategies in Elderly Patients on Chronic Oral Anticoagulation
  
  **Lecturers:** Kurt Huber

- **2:10 PM** Can Intracoronary Imaging Guide Antithrombotic Strategy
  
  **Lecturers:** Eduard Margetic

- **2:30 PM** Is There Still a Role for Triple Therapy Based on Recent Studies
  
  **Lecturers:** Walter Desmet

- **2:50 PM** Chronic Oral Anticoagulation After Stenting: Strategy in Belarus
  
  **Lecturers:** Oleg Polonetsky

- **3:10 PM** Roundtable Discussion With Audience QA

INTERNATIONAL SESSION: CHIP INTERVENTIONS - WORST SCENARIOS AND BEST SAVES AROUND THE WORLD, PRESENTED BY THE INTERNATIONAL SOCIETIES OF EGYPT, KUWAIT, MALAYSIA, COLUMBIA, AND UKRAINE

SATURDAY, SEPTEMBER 22, 2018

3:30 PM - 5:00 PM

**CHIP Interventions: Worst Scenarios and Best Saves Around The World**

**Moderators:** Ahmed Magdy

**Discussants:** Magdy Abdelhamid, Mohammad Al-Mutairi, Maxim Sokolov, Jorge Villegas, Robaayah Zambahari

- **3:30 PM** Introduction and Session Goals
  
  **Lecturers:** Ahmed Magdy

- **3:32 PM** Egypt Presents to Malaysia: Challenges and Strategies for Complex CTO Intervention With Case Studies
  
  **Case Presenter:** Amr ElHadidy

- **3:40 PM** Informal Comments: Malaysia Responds to Egypt on Complex CTO Interventions
  
  **Lecturers:** Ramesh Singh Arjan Singh

- **3:44 PM** Roundtable Discussion With Audience QA

- **3:49 PM** Kuwait Presents to Columbia: Complex Left Main Intervention With Severe LV Dysfunction With Case Studies
  
  **Case Presenter:** Khaled Almerri

- **3:57 PM** Informal Comments: Columbia Responds to Kuwait on High Risk Complex Left Main Intervention
  
  **Lecturers:** Pablo Dario Charry Amaya

- **4:01 PM** Roundtable Discussion With Audience QA

- **4:06 PM** Malaysia Presents to Ukraine: Primary PCI in STEMI Patient With Aneurysmal CAD and Extensive ThrombusWith Case Studies
  
  **Case Presenter:** Won Azman Won Ahmad

- **4:14 PM** Informal Comments: Ukraine Responds to Malaysia on Complex Primary PCI in STEMI
  
  **Lecturers:** Liliya Sorokhtey

- **4:18 PM** Roundtable Discussion With Audience QA

- **4:23 PM** Colombia Presents to Egypt: Unexpected PCI Complications With Case Studies
  
  **Case Presenter:** Jorge Villegas

- **4:31 PM** Informal Comments: Egypt Responds to Colombia on Unexpected PCI Complications
  
  **Lecturers:** Adel El Etriby

- **4:35 PM** Roundtable Discussion With Audience QA

- **4:40 PM** Ukraine Presents to Kuwait: How to Manage Huge Thrombus in STEMI With Case Studies
  
  **Case Presenter:** Maxim Sokolov

- **4:48 PM** Informal Comments: Kuwait Responds to Ukraine on Management of Extensive Thrombus During STEMI PCI
  
  **Lecturers:** Mohammad Al-Mutairi
INTERNATIONAL SESSION: PCI 2018 - ARE WE DOING THINGS BETTER THAN WE DID 10 YEARS AGO? PRESENTED BY SOUTH AFRICAN SOCIETY OF CARDIOVASCULAR INTERVENTION (SASCI), ISRAELI WORKING GROUP FOR INTERVENTIONAL CARDIOLOGY, ITALIAN SOCIETY OF INVASIVE CARDIOLOGY (GISE), AND IRELAND CARDIAC SOCIETY

SATURDAY, SEPTEMBER 22, 2018
3:30 PM - 5:00 PM
Room 24C, Upper Level

3:30 PM - 4:11 PM
PCI 2018: Are We Doing things Better Than We Did 10 Years Ago?
Moderators: David Burke, Graham A. Cassel, Haim Danenberg, Giuseppe Tarantini
Discussants: Yaron Almagor, Riaz S Dawood, Ariel Finkelstein, Jacopo A. Oreglia, Italo Porto

3:30 PM Session Objectives: Challenges and Innovations in the Treatment of Complex Coronary Lesions
Lecturers: Haim Danenberg

3:33 PM Israel Presents a Case: Complex Left Main Coronary Lesion Ready for PCI
Case Presenter: Yaron Almagor

3:41 PM Roundtable Discussion With Audience QA

3:47 PM Italy Presents a Case: True Bifurcation Lesion Have We Gotten Any Better
Case Presenter: Italo Porto

3:55 PM Roundtable Discussion With Audience QA

4:01 PM Ireland Presents a Case: An Intermediate Lesion How to Make the Right Decision
Case Presenter: David Burke

4:09 PM Roundtable Discussion With Audience QA

4:15 PM Israel Presents a Case: A Highly Calcified Lesion Can We Beat the Concrete
Case Presenter: Ariel Finkelstein

4:23 PM Roundtable Discussion With Audience QA

4:29 PM Italy Presents a Case: CTO PCI Whats New
Case Presenter: Jacopo A. Oreglia

4:37 PM Roundtable Discussion With Audience QA

4:43 PM South Africa Presents a Case: High Thrombus Burden How to Treat Without Extending the Damage
Case Presenter: Riaz S Dawood

4:51 PM Roundtable Discussion With Audience QA

4:57 PM Closing Remarks and Take home messages
Lecturers: Giuseppe Tarantini

ORAL ABSTRACTS: HIGHEST PEER-REVIEWED ORAL ABSTRACTS OF TCT 2018 - SPONSORED BY CCI AND EUROINTERVENTION

SATURDAY, SEPTEMBER 22, 2018
8:30 AM - 10:30 AM
Room 29A-B, Upper Level

8:30 AM - 9:00 AM
Highest Peer-Reviewed Oral Abstracts of TCT 2018 - Sponsored by CCI and EuroIntervention
Moderators: Steven R. Bailey, Patrick W. Serruys
Discussants: Michael J. Cowley, George D. Dangas, Vasim Farooq, Marc D. Feldman, Ted Feldman, Glenn Van Langenhove

8:30 AM TCT 1: Optimal Duration of Dual Antiplatelet Therapy After Left Main Coronary Stenting With Everolimus Eluting Stents: Analysis From the EXCEL Trial
Lecturers: Sorin J. Brener

8:40 AM Roundtable Discussion with Audience QA

8:45 AM TCT 2: DeepIVUS: A Machine Learning Framework for Fully Automatic IVUS Segmentation
Lecturers: David Molony

8:55 AM Roundtable Discussion with Audience QA

9:00 AM TCT 3: The Lutonix Global Drug Coated Balloon Registry Real World Patients with Below the Knee Disease Interim 12 Month Outcomes
9:10 AM Roundtable Discussion with Audience QA

9:15 AM TCT 4: Reduction of Stroke with Use of the Double Filter Cerebral Embolic Protection Device in Patients Undergoing Transfemoral Aortic Valve Replacement With Self Expandable Mechanically Implantable And Balloon Expandable Aortic Valves
Lecturers: Jihad Mustapha

9:25 AM Roundtable Discussion with Audience QA

9:30 AM TCT 5: Long term Preclinical in VivoResults with a Restorative Aortic Valve
Lecturers: Christian M. Spaulding

9:40 AM Roundtable Discussion with Audience QA

9:45 AM TCT 6: The CENTER Collaboration: Outcomes in Patients Undergoing Transfemoral Transcatheter Aortic Valve Implantation With Balloon Expandable Valves versus Self Expandable Valves
Lecturers: Ronak Delewi

9:55 AM Roundtable Discussion with Audience QA

10:00 AM TCT 7: Predictors and Outcomes of Aborted Procedures During Elective Transcatheter Aortic Valve Replacement
Lecturers: Jennifer Rymer

10:10 AM Roundtable Discussion with Audience QA

10:15 AM TCT 8: Fate Of Deferred Lesions Using State Of Art Percutaneous Coronary Revascularization In Patients With De Novo Three Vessel Disease: Lesion Level Analysis At 2 Years Of The SYNTAX II Study
Lecturers: Norihiro Kogame

10:25 AM Roundtable Discussion with Audience QA

MODERATED POSTER SESSION: ABSORB BIORESORBABLE VASCULAR SCAFFOLD STUDIES

SATURDAY, SEPTEMBER 22, 2018
8:30 AM - 9:30 AM
Moderated Posters 8, Exhibit Hall, Ground Level

8:30 AM - 9:30 AM ABSORB Biodegradable Vascular Scaffold Studies
Moderators: Yoshinobu Onuma
Discussants: Ulf Landmesser, Matthias Lutz, Detlef G. Mathey

8:30 AM TCT 156: The Absorb Biodegradable Vascular Scaffolds Demonstrate Lower Wall Shear Stress Compared to Metallic Xience V Interim Analysis From the ABSORB III Imaging Study
Lecturers: Arnav Kumar

8:37 AM Discussion

8:42 AM TCT 157: Pathological Vascular Healing Following Complex Interventions With the Absorb Biodegradable Vascular Scaffold
Lecturers: Johan R Bennett

8:49 AM Discussion

8:54 AM TCT 158: Post Implantation Strut Protrusion and Neointimal Thickness at Follow Up in Absorb Biodegradable Scaffold: a Serial Shear Stress Analysis Up to Five Years
Lecturers: Erhan Tenekecioglu

9:01 AM Discussion

9:06 AM TCT 159: Endothelial Shear Stress and Local Viscosity Assessment of Coronary Biodegradable Scaffold A Five Year Follow Up
Lecturers: Erhan Tenekecioglu

9:13 AM Discussion

9:18 AM TCT 160: Attenuated Signal Plaque and Long Term Vessel Response After Biodegradable Scaffold Implantation: IVUS Insights From the ABSORB Japan Trial
Lecturers: Kozo Okada

9:25 AM Discussion

MODERATED POSTER SESSION: ACUTE KIDNEY INJURY DURING PERCUTANEOUS INTERVENTIONS (PCI OR TAVR)

SATURDAY, SEPTEMBER 22, 2018
8:30 AM - 9:30 AM
Moderated Posters 2, Exhibit Hall, Ground Level
Acute Kidney Injury During Percutaneous Interventions (PCI or TAVR)

Moderators: Antonio L. Bartorelli, Eugenia Nikolsky
Discussants: Ziad A. Ali, Carlo Briguori, Graham A. Cassel, Jose de Ribamar Costa Jr, Hitinder S. Gurm, John A. Spertus

8:30 AM - 9:30 AM
TCT 126: Percutaneous Coronary Intervention of Chronic Total Occlusions Is Not Associated With a Higher Risk for Contrast Induced Nephropathy Compared to Revascularization of Non Occlusive Stenoses
Lecturers: Ozan Demir

Discussion

8:42 AM
TCT 127: Platelet to Lymphocyte Ratio Neutrophil to Lymphocyte Ratio and Red Cell Distribution Width As Predictors of Contrast Induced Acute Kidney Injury Following Coronary Angiography
Lecturers: Jayakumar Sreenivasan

Discussion

8:54 AM
TCT 128: Contrast Induced Acute Kidney Injury After Percutaneous Coronary Intervention: Comparison of Five Contrast Media
Lecturers: Lorenzo Azzalini

9:01 AM
Discussion

9:06 AM
TCT 129: Efficacy of Urinary Liver Type Fatty Acid Binding Protein Level for Patients With Acute Kidney Injury Following Coronary Angiography in Acute Coronary Syndrome
Lecturers: Keisuke Kojima

Discussion

9:18 AM
TCT 130: The Routine Use of an Iso Osmolar Contrast Medium and the Occurrence of Acute Kidney Injury Following Percutaneous Coronary Intervention for ST Elevation Myocardial Infarction
Lecturers: Tim Kinnaird

9:25 AM
Discussion

MODERATED POSTER SESSION: BEST OF MODERATED TAVR POSTER ABSTRACTS I

SATURDAY, SEPTEMBER 22, 2018
8:30 AM - 9:30 AM
Moderated Posters 1, Exhibit Hall, Ground Level

8:30 AM - 9:30 AM
Best of Moderated TAVR Poster Abstracts I
Moderators: John C. Messenger, Vinod H. Thourani
Discussants: Hemal Gada, Aaron Horne, Jr., Zoltan G. Turi, Darren L. Walters

8:30 AM
TCT 121: a Highly Predictive Model for New Permanent Pacemaker Implantation After Transcatheter Aortic Valve Replacement With Contemporary Self Expanding Valves: Importance of the Membranous Septum Length
Lecturers: Zhen-Gang Zhao

Discussion

8:42 AM
TCT 122: Acute Kidney Recovery After Transcatheter Aortic Valve Replacement: a Report From the Northern New England Cardiovascular Disease Study Group
Lecturers: Amir Azarbal

Discussion

8:54 AM
TCT 123: Impact of Delirium on TAVR Outcomes
Lecturers: Brett Hiendlmayr

9:01 AM
Discussion

9:06 AM
TCT 124: Impact of Level of Anaesthesia Using the Vancouver Clinical Pathway for Transcatheter Aortic Valve Replacement: Insights From the 3M TAVR Study
Lecturers: Janarthanan Sathananthan

9:13 AM
Discussion

9:18 AM
TCT 125: Evaluation of EKG Gated and Dual Source Accelerated Computed Tomography Imaging Protocols for Transcatheter Aortic Valve Sizing
Lecturers: Nikolaos Kakouros

9:25 AM
Discussion

MODERATED POSTER SESSION: CATHETER-BASED TREATMENT OF PERIPHERAL VASCULAR DISEASE I
8:30 AM - 9:30 AM
Catheter-based Treatment of Peripheral Vascular Disease I
Moderators: William A. Gray
Discussants: Ricardo Allende, Jeffrey G. Carr, George S Chrysant, Alejandra Goldsmit, Beau Hawkins, Schuyler Jones

8:30 AM  TCT 131: Hemopericardium and Cardiac Tamponade As a Complication of Vena Caval Filters: Systematic Review of Published Literature and the MAUDE Database
Lecturers: Behnood Bikdeli
Discussion

8:42 AM  TCT 132: Balloon Expandable ePTFE Covered Stent for Obstructive Lesions in the Iliac Artery: 24 Month Results From the BOLSTER Trial
Lecturers: Georgios Bouras
Discussion

8:54 AM  TCT 133: Thirty Day Readmissions After Medical vs Endovascular Therapy for Atherosclerotic Renal Artery Stenosis Insights From the National Readmissions Database
Lecturers: David Louis
Discussion

9:06 AM  TCT 134: Urinary Leukotriene E4 Innovative Tool in Prognosing Recurring Restenosis in Patients Undergoing Endovascular Treatment Due to Lower Limb Ischemia
Lecturers: Mikolaj Maga
Discussion

9:18 AM  TCT 135: Impact of Clinical Frailty in Patients With Peripheral Artery Disease: From I PAD Registry
Lecturers: Tomoaki Machidome
Discussion

MODERATED POSTER SESSION: COMORBIDITIES IN CAD I

SATURDAY, SEPTEMBER 22, 2018
8:30 AM - 9:18 AM
Moderated Posters 6, Exhibit Hall, Ground Level

8:30 AM - 9:18 AM
Comorbidities in CAD - I
Moderators: Carl L. Tommaso
Discussants: Andrea Abizaid, Rasha Al-Lamee, Mark Goldberger, Rajiv Gulati, Michel R. Le May

8:30 AM  TCT 147: High Wattage Electronic Cigarette Vaping After Coronary Stenting Induces Arterial Hypoxemia: a Randomized Clinical Trial
Lecturers: Nadia Debbas
Discussion

8:42 AM  TCT 148: An International Analyses of 122610 NSTEMI Patients With 5 Year Outcomes: Assessing the influence of Age and Comorbidities on invasively Vs Medically Managed Patients Between 2004 and 2014
Lecturers: Philip Freeman
Discussion

8:54 AM  TCT 149: The Effect of Chronic Obstructive Pulmonary Disease on Patients With Non ST Segment Elevation Myocardial Infarction a 2014 Nationwide Analysis
Lecturers: Mariam Khandaker
Discussion

9:06 AM  TCT 150: Cardiovascular Disease and Percutaneous Coronary Intervention in Hematological Malignancies Knowledge Is Power
Lecturers: David Boone
Discussion

MODERATED POSTER SESSION: INTRACORONARY PHYSIOLOGY STUDIES I
8:30 AM - 9:30 AM
Intracoronary Physiology Studies I
Moderators: Colin Berry
Discussants: Takashi Akasaka, Robert J. Gil, Joo Myung Lee, Giampaolo Niccoli, Hidetaka Nishina

8:30 AM  TCT 151: Instantaneous Wave Free RatioFractional Flow Reserve Discordance  Is the Wave Free Period Truly Wave Free
Lecturers: Mark Mills
8:37 AM  Discussion

8:42 AM  TCT 152: Clinical Predictors of Discordance Between instantaneous Wave Free Ratio and Fractional Flow Reserve
Lecturers: Hidekuni Kirigaya
8:49 AM  Discussion

8:54 AM  TCT 153: Reducing the Need for Invasive Pressure Wire Assessment in Patients Using a Novel Angiographic Scoring Tool
Lecturers: Michael Michail
9:01 AM  Discussion

9:06 AM  TCT 154: Diagnostic Accuracy of iFR vs FFR in the Left vs Right Coronary Artery
Lecturers: Ankita Gore
9:13 AM  Discussion

9:18 AM  TCT 155: The FFRiFR Discrepancies and Their Possible Reasons  Findings From the Czech Japan FFRiFR Registry
Lecturers: Tomas Kovarnik
9:25 AM  Discussion

MODERATED POSTER SESSION: TAVR RISK STRATIFICATION AND OUTCOMES I

SATURDAY, SEPTEMBER 22, 2018
8:30 AM - 9:30 AM
Moderated Posters 5, Exhibit Hall, Ground Level

8:30 AM - 9:30 AM
TAVR Risk Stratification and Outcomes I
Moderators: Martina Kelly Speight, Corrado Tamburino
Discussants: Holger M. Nef, Elizabeth M. Perpetua, Alexey Protopopov, Toby Rogers, Amit Segev, Kimberly A. Skelding

8:30 AM  TCT 141: One Year Readmissions After Transcatheter Aortic Valve Implantation
Lecturers: Mourad Senussi
8:37 AM  Discussion

8:42 AM  TCT 142: Thirty Day Readmissions After Early vs Delayed Discharge for Transcatheter Aortic Valve Replacement  Insights From the Nationwide Readmissions Database
Lecturers: Mohamed Omer
8:49 AM  Discussion

8:54 AM  TCT 143: Higher Institutional TAVR Volume Reduces Index Mortality But Does Not Impact Readmission Outcomes
Lecturers: Hanning Xing
9:01 AM  Discussion

9:06 AM  TCT 144: Impact of Baseline Left Ventricular Ejection Fraction on Clinical Outcomes Following Transcatheter Aortic Valve Replacement for Severe Aortic Stenosis
Lecturers: Osung Kwon
9:13 AM  Discussion

9:18 AM  TCT 145: Nonagenarians With Severe Aortic Stenosis Have Comparable Mortality Outcomes At One Year Compared to Non Nonagenarians With Severe Aortic Stenosis Post TAVR
Lecturers: Khader Herzallah
9:25 AM  Discussion

MODERATED POSTER SESSION: TECHNICAL ASPECTS OF CTO INTERVENTIONS I
**SATURDAY, SEPTEMBER 22, 2018**

**8:30 AM - 9:30 AM**

**Moderated Posters 4, Exhibit Hall, Ground Level**

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**8:30 AM - 9:30 AM**

**Technical Aspects of CTO Interventions I**

**Moderators:** Margaret B. McEntegart, Sunao Nakamura

**Discussants:** Lei Ge, Paul Knaapen, Marin Postu, Alexandre Schoan Quadros, Sudhir Rathore

- **8:30 AM**  
  TCT 136: Impact of Switch Time Between CTO Crossing Strategies
  *Lecturers:* Oleg Krestyaninov

- **8:37 AM**  
  **Discussion**

- **8:42 AM**  
  TCT 137: Five Year Clinical Outcomes for Resolute Zotarolimus Eluting Stents in Total Occlusions
  *Lecturers:* Sigmund Silber

- **8:49 AM**  
  **Discussion**

- **8:54 AM**  
  TCT 138: Comparison Between Traditional and Guide Catheter Extension Reverse Cart Insights From the Progress CTO Registry
  *Lecturers:* Iosif Xenogiannis

- **9:01 AM**  
  **Discussion**

- **9:06 AM**  
  TCT 139: Use of Atherectomy in Chronic Total Occlusion Intervention: Insights From the PROGRESS CTO Registry
  *Lecturers:* Iosif Xenogiannis

- **9:13 AM**  
  **Discussion**

- **9:18 AM**  
  TCT 140: Long Term Clinical Outcomes After Stent Implantation in Chronic Total Occlusion Lesions: Impact of First Generation vs Second Generation Drug Eluting Stents
  *Lecturers:* Hiroyuki Tanaka

- **9:25 AM**  
  **Discussion**

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**MODERATED POSTER SESSION: BEST OF MODERATED PCI POSTER ABSTRACTS I**

**SATURDAY, SEPTEMBER 22, 2018**

**9:30 AM - 10:30 AM**

**Moderated Posters 2, Exhibit Hall, Ground Level**

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**9:30 AM - 10:18 AM**

**Best of Moderated PCI Poster Abstracts I**

**Discussants:** Ning Guo, Javaid Iqbal, Fahim Haider Jafary, Talib Majwal, Stefan Mot

- **9:30 AM**  
  TCT 166: Predictors of Target Lesion Revascularization After Implantation of Second Generation Drug Eluting Stents in Randomized Trials and the Real world Analysis From Two Large Datasets
  *Lecturers:* Behnood Bikdeli

- **9:37 AM**  
  **Discussion**

- **9:42 AM**  
  TCT 167: In Hospital Outcomes of Using the Hybrid Approach of Percutaneous Coronary Interventions for Chronic Total Occlusions: Update From the PROGRESS CTO PROspective Global REgiStry for the Study of Chronic Total Occlusion Intervention International
  *Lecturers:* Peter Tajti

- **9:49 AM**  
  **Discussion**

- **9:54 AM**  
  TCT 169: Serial 3 Dimensional Optical Coherence tomography Assessment of Jailed Side Branch By Second Generation Drug Eluting Absorbable Metal Scaffold DREAMS 2G in BIOSOLVE II Trial
  *Lecturers:* Yuichi Ozaki

- **10:01 AM**  
  **Discussion**

- **10:06 AM**  
  TCT 170: Impact of Rate of Recruitment on All Cause Mortality: Insights From the GLOBAL LEADERS All Comers Trial
  *Lecturers:* Kuniai Takahashi

- **10:13 AM**  
  **Discussion**

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**MODERATED POSTER SESSION: CARDIOGENIC SHOCK AND VENTRICULAR ASSIST I**

**SATURDAY, SEPTEMBER 22, 2018**

**9:30 AM - 10:30 AM**
9:30 AM - 10:30 AM

Cardiogenic Shock and Ventricular Assist I

Moderators: Ulrich P. Jorde, David X. Zhao
Discussants: Brian Clapp, David D Israeli, Michael J. Lim, John A. McPherson, John S. Sapirstein, Bernadette S. Speiser

9:30 AM TCT 176: Catheter Based Percutaneous Left Ventricular Assist Device Deactivation  A Case Series From a Tertiary Care Center
Lecturers: Arif Albulushi

9:37 AM Discussion

9:42 AM TCT 177: Comparison of Percutaneous and Surgical Right Ventricular Assist Device Support Following Durable Left Ventricular Assist Device insertion
Lecturers: Elle Coromilas

9:49 AM Discussion

9:54 AM TCT 178: Temporal Trends in the Utilization of Right Heart Catheterization RHC Among Recipients of Percutaneous Ventricular Assist Device PVAS in Acute Myocardial Infarction Complicated By Cardiogenic Shock AMI CS
Lecturers: Nikhil Nalluri

10:01 AM Discussion

10:06 AM TCT 179: Trends and Outcomes in the Treatment of Cardiogenic Shock and Use of Mechanical Circulatory Support in the United States
Lecturers: Jad Omran

10:13 AM Discussion

10:18 AM TCT 180: Incidence and Outcomes of Cardiogenic Shock Complicating Inferior vs Anterior ST Elevation Myocardial Infarction
Lecturers: Michael Weinreich

10:25 AM Discussion

MODERATED POSTER SESSION: CHRONIC PULMONARY EMBOLISM AND PULMONARY HYPERTENSION

SATURDAY, SEPTEMBER 22, 2018
9:30 AM - 10:30 AM

Moderated Posters 1, Exhibit Hall, Ground Level

9:30 AM - 10:30 AM

Chronic Pulmonary Embolism and Pulmonary Hypertension

Moderators: Ori Ben-Yehuda, Nick H. Kim
Discussants: Daniel R. Bensimhon, Teresa L. Carman, Mahir Elder, J. Stephen Jenkins, Peter P. Monteleone

9:30 AM TCT 161: Endovascular Device to Improve Pulmonary Arterial Compliance in Pulmonary Arterial Hypertension
Lecturers: Irene M. Lang

9:37 AM Discussion

9:42 AM TCT 162: Feasibility of Chronic Total Occlusion Recanalization During Balloon Pulmonary Angioplasty
Lecturers: Sanjum S Sethi

9:49 AM Discussion

9:54 AM TCT 163: The Analysis of Safety and Effectiveness of Balloon Pulmonary Angioplasty for Chronic Thromboembolic Pulmonary Hypertension Which Has indication for Surgical Therapy
Lecturers: Shun Minatsuki

10:01 AM Discussion

10:06 AM TCT 164: Balloon Pulmonary Angioplasty for Total Occlusion Lesions: the Success Rate and Long Term Patency Rates Depends on the Difficulty in Penetrating the Guide Wire of the Occlusion Site
Lecturers: Hiroto Shimokawahara

10:13 AM Discussion

10:18 AM TCT 165: Safety of Balloon Pulmonary Angioplasty for Chronic Thromboembolic Pulmonary Hypertension  Initial Single Center United States Experience
Lecturers: Alessandro Maolo

10:25 AM Discussion

MODERATED POSTER SESSION: CORONARY CALCIFICATION I
SATURDAY, SEPTEMBER 22, 2018
9:30 AM - 10:30 AM
Moderated Posters 6, Exhibit Hall, Ground Level

9:30 AM - 10:30 AM
Coronary Calcification I
Moderators: Dean J. Kereiakes, Gert Richardt
Discussants: Akram Ibrahim, Adam Janas, Samuel K Mathew, Nish Patel

9:30 AM  TCT 185: Glasgow Rotational Atherectomy Efficiency GRACE Study: Safety of a Minimalist Approach
Lecturers: Tom J Ford
9:37 AM  Discussion
9:42 AM  TCT 186: Determinants of Poor In Hospital Clinical Success of Rotational Atherectomy
Lecturers: Piotr Kubler
9:49 AM  Discussion
9:54 AM  TCT 187: Periprocedural Complications and Procedural Effectiveness in Diabetics and Non Diabetics Treated With Percutaneous Coronary Interventions and Rotablation
Lecturers: Rafa Januszek
10:01 AM  Discussion
10:06 AM  TCT 188: Culprit Lesion Harbouring Calcified Nodule Predicts A Higher Target Lesion Revascularization Rate After PCI With 2Nd generation Drug Eluting Stent in ACS Patients: Findings From Serial Coronary Angiography Study
Lecturers: Hiroki Sugane
10:13 AM  Discussion
10:18 AM  TCT 189: Extending Application of Intravascular Lithotripsy to A High Risk Real World Population
Lecturers: Julian Yeoh
10:25 AM  Discussion

MODERATED POSTER SESSION: DES VS DES I

SATURDAY, SEPTEMBER 22, 2018
9:30 AM - 10:30 AM
Moderated Posters 8, Exhibit Hall, Ground Level

9:30 AM - 10:30 AM
DES vs DES I
Moderators: Salvatore Cassese, John A. Ormiston
Discussants: Sripal Bangalore, Giuseppe De Luca, Verghese Mathew, Duk-Woo Park

9:30 AM  TCT 195: Ultrathin Bioresorbable Polymer Sirolimus Eluting Stents vs Thin Durable Polymer Everolimus Eluting Stents in Patients Undergoing Coronary Revascularization: Two Year Outcomes From the Randomized BIOFLOW V Trial
Lecturers: David E. Kandzari
9:37 AM  Discussion
9:42 AM  TCT 196: Biodegradable vs Polymer Free Drug Eluting Stents for the Treatment of Coronary Artery Disease: A Meta Analysis of Randomized Controlled Trials
Lecturers: Jason Nogic
9:49 AM  Discussion
9:54 AM  TCT 197: Early Vascular Healing After Implantation of A Biolimus Coated BioFreedom Stent Or A Sirolimus Eluting Orsiro Stent in Patients With ST Segment Elevation Myocardial Infarction
Lecturers: Kirstine Hansen
10:01 AM  Discussion
10:06 AM  TCT 198: Comparing Long Term Outcomes of First Generation and Second Generation Drug Eluting Stents in Patients With Coronary Artery Disease
Lecturers: Parth Parikh
10:13 AM  Discussion
10:18 AM  TCT 199: Comparison of Ridaforolimus Eluting and Zotarolimus Eluting Coronary Stents in Patients With Long Lesions: 1 Year Outcomes From the Randomized BIONICS Trial
Lecturers: David E. Kandzari
10:25 AM  Discussion

TRANSCATHER CARDIOVASCULAR THERAPEUTICS | SATURDAY, SEPTEMBER 22, 2018  Last Updated 08/30/2018  Page: 81
MODERATED POSTER SESSION: INTRAVASCULAR IMAGING, PCI, AND LONG-TERM OUTCOMES I

SATURDAY, SEPTEMBER 22, 2018
9:30 AM - 10:30 AM
Moderated Posters 7, Exhibit Hall, Ground Level

9:30 AM - 10:30 AM
Intravascular Imaging, PCI, and Long-Term Outcomes I
Moderators: Massoud A. Leesar
Discussants: David Erlinge, Anand M Rao, Jasvindar Singh, Takafumi Ueno, Jose M. de la Torre Hernandez

- 9:30 AM TCT 190: Comparison of Mid Term Clinical Outcomes Between Optimal Frequency Domain Imaging Guided and Intravascular Ultrasound Guided Percutaneous Coronary Intervention With 2Nd Generation Drug Eluting Stents in Stable Angina Pectoris
  Lecturers: Hiroaki Matsuda

- 9:37 AM Discussion

- 9:42 AM TCT 191: Impact of Post Procedural Minimal Stent Area By IVUS on 2 Year Outcome After PCI in the SYNTAX II Trial
  Lecturers: Yuki Katagiri

- 9:49 AM Discussion

- 9:54 AM TCT 192: The Comparison of Healing 1 Month and 1 Year After Percutaneous Coronary Intervention Among Cobalt Chromium Everolimus Eluting Stent EES Biodegradable Polymer BP EES and BP Sirolimus Eluting Stent: Insights From Optical Coherence Tomography an
  Lecturers: Takao Sato

- 10:01 AM Discussion

- 10:06 AM TCT 193: The Effect of Plaque Type on Strut Embedment Protrusion and Shear Stress in Bioresorbable Scaffold: Is There A New Horizon for Bioresorbable Scaffolds
  Lecturers: Erhan Tenekcioglu

- 10:13 AM Discussion

  Lecturers: Sergio Tarbine

- 10:25 AM Discussion

MODERATED POSTER SESSION: RACIAL AND GENDER DISPARITIES IN ENDOVASCULAR AND STRUCTURAL HEART DISEASE AND INTERVENTION I

SATURDAY, SEPTEMBER 22, 2018
9:30 AM - 10:30 AM
Moderated Posters 3, Exhibit Hall, Ground Level

9:30 AM - 10:30 AM
Racial and Gender Disparities in Endovascular and Structural Heart Disease and Intervention I
Moderators: Julie Logan, Molly Szerlip
Discussants: Karim El Chilali, Giovanni Esposito

- 9:30 AM TCT 171: Time Course of the Survival Advantage of Transcatheter Over Surgical Aortic Valve Replacement Interplay Between Sex and Patient Risk Profile
  Lecturers: Giulia Masiero

- 9:37 AM Discussion

- 9:42 AM TCT 172: Aortic Valve Complex and Cardiac Anatomy Gender Related Differences in Patients Undergoing Transcatheter Aortic Valve Replacement
  Lecturers: Danielle Sin

- 9:49 AM Discussion

- 9:54 AM TCT 173: Racial Disparities in Patients Undergoing Transcatheter Aortic Valve Replacement Insights of the Healthcare Cost and Utilization Projects National Inpatient Sample
  Lecturers: Dagmar Hernandez-Suarez

- 10:01 AM Discussion

- 10:06 AM TCT 174: Comparison of Procedural and 18 Month Outcomes of Endovascular Device Intervention in Men vs Women With Critical Limb Ischemia Subanalysis of the LIBERTY 360 Study
  Lecturers: Jihad Mustapha

- 10:13 AM Discussion

- 10:18 AM TCT 175: Racial Disparities in Procedural Complications After Transcatheter Aortic Valve Replacement TAVR A Retrospective Single Center Case Control Study
MODERATED POSTER SESSION: TAVR TECHNIQUES AND OUTCOMES I

SATURDAY, SEPTEMBER 22, 2018
9:30 AM - 10:30 AM
Moderated Posters 5, Exhibit Hall, Ground Level

9:30 AM - 10:18 AM
TAVR Techniques and Outcomes I
Moderators: Samjot S. Brar, Ethan C Korngold
Discussants: Santiago Garcia, Kishore J. Harjai, Thomas Hovasse, Michael Kang-Yin Lee

9:30 AM TCT 181: Early Changes in Quality of Life After Transcatheter Aortic Valve Replacement: Results From the 3M TAVR Trial
Lecturers: Sandra Lauck
9:37 AM Discussion
9:42 AM TCT 182: Outlook of Patients Undergoing Transcatheter Aortic Valve Implantation After Prior Balloon Aortic Valvuloplasty Insights From the Multicenter Rispeva Trial
Lecturers: Giuseppe Biondi-Zoccai
9:49 AM Discussion
9:54 AM TCT 183: TAVR Patients Consenting to Study Participation Are Healthier Than Those Who Do Not
Lecturers: Jeroen Vendrik
10:01 AM Discussion
10:05 AM TCT 497: Predictors of Post Dilatation After Self Expanding Transcatheter Aortic Valve Replacement Large Single Center Experience
Lecturers: Run Du
10:13 AM Discussion

MODERATED POSTER SESSION: ACUTE AND LONG-TERM CABG RESULTS

SATURDAY, SEPTEMBER 22, 2018
10:30 AM - 11:30 AM
Moderated Posters 2, Exhibit Hall, Ground Level

10:30 AM - 11:30 AM
Acute and Long-term CABG Results
Moderators: Joseph F. Sabik, Pascal Vranckx
Discussants: Alfredo Trento, Grayson H. Wheatley

10:30 AM TCT 205: Incidence Predictors and Outcomes of Urgent Percutaneous Coronary Intervention Following Coronary Artery Bypass Grafting
Lecturers: Fahad Alqahtani
10:37 AM Discussion
10:42 AM TCT 206: Hybrid Coronary Revascularization vs Coronary Artery Bypass Graft Surgery in Patients With Multivessel Coronary Artery Disease: A Meta Analysis
Lecturers: Ziad Sayedahmad
10:49 AM Discussion
10:54 AM TCT 207: Intraoperative Optical Coherence Tomography as a New Modality to Determine Coronary Artery Bypass Graft Patency Our First Experience
Lecturers: Vladimir Losev
11:01 AM Discussion
11:06 AM TCT 208: Results and Practical Value of Intraoperative Bypass Angiography in Surgical Myocardial Revascularization
Lecturers: Olga Bockeria
11:13 AM Discussion
11:18 AM TCT 209: Comparison of Rates and Causes of 30 Day Readmissions After Coronary Artery Bypass Graft vs Percutaneous Transluminal Coronary Angioplasty
Lecturers: Sushruth Edla
11:25 AM Discussion
MODERATED POSTER SESSION: CAROTID STENTING, STROKE PREVENTION, AND ACUTE STROKE INTERVENTION

SATURDAY, SEPTEMBER 22, 2018
10:30 AM - 11:30 AM
Moderated Posters 3, Exhibit Hall, Ground Level

10:30 AM - 11:30 AM
Carotid Stenting, Stroke Prevention, and Acute Stroke Intervention
Moderators: Christopher J. White
Discussants: Bernhard Reimers, Fayaz Shawl, Adnan Siddiqui

10:30 AM
TCT 210: 3 Year Experience With Cath Lab Based Acute Stroke Rescue Program in a Community Hospital
Lecturers: Steven Guidera

10:37 AM
Discussion

10:42 AM
TCT 211: Technical Success of Acute Stroke Interventions Performed By Cardiologists Single Center Experience
Lecturers: Marius Hornung

10:49 AM
Discussion

10:54 AM
TCT 212: Noninvasive Device for Cerebral Protection From Embolic Stroke : Should Carotid Compression Become A Standard of Care
Lecturers: Michael Zhadkevich

11:01 AM
Discussion

11:06 AM
TCT 213: Carotid Revascularization in Patients With Contralateral Carotid Occlusion: A Systematic Review and Meta Analysis
Lecturers: Seth Avner

11:13 AM
Discussion

11:18 AM
TCT 215: Deep Loop Technique for Stenting of LICA Using Transbrachial Approach Single Centre Experience
Lecturers: Zoran Stankov

11:25 AM
Discussion

MODERATED POSTER SESSION: LEFT ATRIAL APPENDAGE CLOSURE

SATURDAY, SEPTEMBER 22, 2018
10:30 AM - 11:30 AM
Moderated Posters 1, Exhibit Hall, Ground Level

10:30 AM - 11:30 AM
Left Atrial Appendage Closure
Moderators: Shephal Doshi, Apostolos Tzikas
Discussants: Mohammad Adnan Alkhouri, T Jared Bunch, Simon Cheung-chi Lam, Jai-Wun Park, Muhamed Saric

10:30 AM
TCT 200: Surgical Left Atrial Appendage Occlusion During Cardiac Surgery: A Systematic Review and Meta Analysis
Lecturers: Mark Terence Mujer

10:37 AM
Discussion

10:42 AM
TCT 201: Discharge Antithrombotic Medication and Clinical Events Through 1 Year in the Global Amulet Observational Study
Lecturers: David Hildick-Smith

10:49 AM
Discussion

10:54 AM
TCT 202: Efficacy and Safety of Aspirin MonoTherapy After Left Atrial Appendage Occlusion to Prevent Device Related Thrombus Stroke and Major Bleeding
Lecturers: Kasper Korsholm

11:01 AM
Discussion

11:06 AM
TCT 203: Incidence and Clinical Impact of Device Related Thrombus After Percutaneous Left Atrial Appendage Occlusion A Meta Analysis
Lecturers: Mohammed Osman

11:13 AM
Discussion

11:18 AM
TCT 204: Role of Different Antithrombotic Regimens After Percutaneous Left Atrial Appendage Occlusion: A Large Single Center Experience
Lecturers: Alessandra Laricchia

11:25 AM
Discussion
MODERATED POSTER SESSION: LONG-TERM DES STUDIES

SATURDAY, SEPTEMBER 22, 2018
10:30 AM - 11:30 AM
Moderated Posters 8, Exhibit Hall, Ground Level

10:30 AM - 11:30 AM
Long-term DES Studies
Discussants: Peter L Duffy, Mohamed Ali Elsalamony, R. Stefan Kiesz, Michael J. Rinaldi, Yasunori Ueda

10:30 AM TCT 236: Long Term 8 13 Year Clinical Outcomes After Drug Eluting Stenting in Routine Clinical Practice
Lecturers: Stephen G. Ellis
10:37 AM Discussion
10:42 AM TCT 237: Long Term 8 13 Year Clinical Outcomes in Pre Diabetics After Drug Eluting Stenting: More Like Diabetics Or Non Diabetics
Lecturers: Stephen G. Ellis
10:49 AM Discussion
10:54 AM TCT 238: Comparing 3 Year Outcomes Between Medical Therapy and Percutaneous Revascularisation for the Surgically Ineligible Cohort
Lecturers: Avedis Ekmejian
11:01 AM Discussion
11:06 AM TCT 239: Impact of Post Stenting Balloon Dilatation on 5 Year Clinical Outcomes in Patients With Acute Coronary Syndrome Underwent Percutaneous Coronary Intervention
Lecturers: Ji Young Park
11:13 AM Discussion
11:18 AM TCT 240: Long Term 5 to 7 Years Clinical Outcomes After Cobalt Chromium Everolimus Eluting Stent Implantation
Lecturers: Shoichi Kuramitsu
11:25 AM Discussion

MODERATED POSTER SESSION: MACHINE LEARNING AND ARTIFICIAL INTELLIGENCE

SATURDAY, SEPTEMBER 22, 2018
10:30 AM - 11:30 AM
Moderated Posters 7, Exhibit Hall, Ground Level

10:30 AM - 11:30 AM
Machine Learning and Artificial Intelligence
Moderators: Justin E. Davies, James K. Min
Discussants: Steven L. Almany, Peter Juni

10:30 AM TCT 231: An Artificial Intelligence Based Solution for Fully Automated Cardiac Phase and End Diastolic Frame Detection on Coronary Angiographies
Lecturers: Lucian Itu
10:37 AM Discussion
10:42 AM TCT 232: Diagnostic Accuracy of Machine Learned Algorithms Utilizing a Novel Form of Cardiac Phase Tomography Cpst vs Single Photon Emission Tomography Spect in the Assessment of Cad
Lecturers: Thomas D. Stuckey
10:49 AM Discussion
10:54 AM TCT 233: Machine Learned Algorithms Utilizing Novel Tomography for Evaluating Coronary Artery Disease
Lecturers: Thomas D. Stuckey
11:01 AM Discussion
11:06 AM TCT 234: Machine Learning Outperforms ACCAHA CVD Risk Calculator in MESA NewOpportunities for Short Term Risk Prediction and Early Detection of the Vulnerable Patient
Lecturers: Morteza Naghavi
11:13 AM Discussion
Lecturers: Tianming Du

MODERATED POSTER SESSION: MINIMALIST APPROACH TO TAVR I
**SATURDAY, SEPTEMBER 22, 2018**  
**10:30 AM - 11:30 AM**  
Moderated Posters 5, Exhibit Hall, Ground Level

**10:30 AM - 11:30 AM**  
**Minimalist Approach to TAVR**  
Moderators: Bernard R. Chevalier, Helene Eltchaninoff  
Discussants: Suzanne V. Arnold, Wolfgang Bocksch, Reda Ibrahim, Ciro Indolfi

10:30 AM  
**TCT 221**: Comparison of Transfemoral Transcatheter Aortic Valve Replacement Performed With A Simplified Protocol: Fast TAVR vs Standard Approach  
Lecturers: Grégoire Lefèvre

10:37 AM  
Discussion

10:42 AM  
**TCT 222**: Safety and Feasibility of An Early Ambulation Protocol After Transfemoral Transcatheter Aortic Valve Implantation: Results of the Early Mobilisation After Tf TAVI MobiTAVI Trial  
Lecturers: Jeroen Vendrik

10:49 AM  
Discussion

10:54 AM  
**TCT 223**: Efficacy and Safety of Transfemoral Transcatheter Aortic Valve Replacement Under General Anesthesia vs Local Anesthesia Insights From Trytom Registry International Multicenter Latin American Registry  
Lecturers: Marcelo Abud

11:01 AM  
Discussion

11:06 AM  
**TCT 224**: Predictors and Safety of Next Day Discharge After Minimalistic Transfemoral Aortic Valve Implantation  
Lecturers: Giuliano Costa

11:13 AM  
Discussion

11:18 AM  
**TCT 225**: Impact of Frailty on a Minimalist Approach and Early Discharge Following TAVR: Insights From the 3M TAVR Study  
Lecturers: Janarthanan Sathanathan

11:25 AM  
Discussion

**MODERATED POSTER SESSION: NON-LM BIFURCATION INTERVENTION I**

**SATURDAY, SEPTEMBER 22, 2018**  
**10:30 AM - 11:30 AM**  
Moderated Posters 4, Exhibit Hall, Ground Level

10:30 AM - 11:30 AM  
**Non-LM Bifurcation Intervention I**  
Moderators: Francesco Burzotta, Yves R. Louvard  

10:30 AM  
**TCT 216**: Comparison Between TAP and Double Kissing Crush Techniques: Optical Coherence Tomography and Computational Flow Reconstruction From in Vitro Models  
Lecturers: Valeria Paradies

10:37 AM  
Discussion

10:42 AM  
**TCT 217**: Stenting of Coronary Bifurcation Lesions With Bioresorbable Everolimus Eluting Scaffolds Longterm Outcome From Poznan Bifurcation Absorb Registry  
Lecturers: Magdalena Lanocha

10:49 AM  
Discussion

10:54 AM  
**TCT 218**: Impact of Side Branch Pre Dilation on Angiographic Outcomes in Provisional Stent Strategy in Non Left Main Coronary Bifurcation Lesions: A Systematic Review and Meta Analysis  
Lecturers: Mourushi Isa

11:01 AM  
Discussion

11:06 AM  
**TCT 219**: Benefits of Final Proximal Optimization Technique POT in Provisional Stenting A Bench Experimental Study  
Lecturers: Francois Derimay

11:13 AM  
Discussion

11:18 AM  
**TCT 220**: Optimal Balloon Positioning for a Best Proximal Optimization Technique POT An Experimental Bench Study  
Lecturers: Francois Derimay

11:25 AM  
Discussion
MODERATED POSTER SESSION: PCI AND DRUG-COATED BALLOONS I

SATURDAY, SEPTEMBER 22, 2018
10:30 AM - 11:30 AM
Moderated Posters 6, Exhibit Hall, Ground Level

10:30 AM - 11:30 AM
PCI and Drug-Coated Balloons I
Discussants: George L Adams, JI Goy, Hsuan-Li Huang, Juying Qian, Jorge F. Saucedo, Craig M. Walker

10:30 AM TCT 226: Results of Percutaneous Coronary Intervention With Second Generation Drug Coated Balloons at a Long Term Follow up
Lecturers: Ignacio Sanchez-Perez

10:37 AM Discussion

10:42 AM TCT 227: Outcomes With Drug Coated Balloons in Small Vessel Coronary Artery Disease
Lecturers: Michael Megaly

10:49 AM Discussion

10:54 AM TCT 228: Outcomes After Treatment of Coronary In Stent Restenosis With Drug Coated Balloon vs Drug Eluting Stent According to the Presence or Absence of Diabetes Mellitus: A Prespecified Analysis of the DAEDALUS Study
Lecturers: Daniele Giacoppo

11:01 AM Discussion

11:06 AM TCT 229: Outcomes With Drug Coated Balloons vs Drug Eluting Stents in Percutaneous Coronary Intervention in Diabetic Patients
Lecturers: Michael Megaly

11:13 AM Discussion

11:18 AM TCT 230: FFR Guided Angioplasty Using Paclitaxel Coated Balloons Without Stents vs Bioresorbable Scaffolds: A Randomized Clinical Trial in Stable Coronary Artery Disease
Lecturers: Tudor Poerner

11:25 AM Discussion

MODERATED POSTER SESSION: ASD AND PFO CLOSURE I

SATURDAY, SEPTEMBER 22, 2018
11:30 AM - 12:30 PM
Moderated Posters 1, Exhibit Hall, Ground Level

11:30 AM - 12:30 PM
Moderated Poster Session: ASD and PFO Closure I
Moderators: Eric Eeckhout
Discussants: Ozgen Dogan, Steven L. Goldberg, Kee-Sik Kim, David W.M. Muller

11:30 AM TCT 241: Assessment of the Intra Atrial Septum Orientation and Its Mean Curvature for Structural Heart Disease Interventions
Lecturers: Nils Petri

11:37 AM Discussion

11:42 AM TCT 242: Residual Shunt After Patent Foramen Ovale Device Closure in Patients With Cryptogenic Stroke: Serial Bubble Contrast Transesophageal Echocardiography Data
Lecturers: Pyung Chun Oh

11:49 AM Discussion

11:54 AM TCT 243: Are Percutaneous Patent Foramen Ovale Closure Devices Effective A Comprehensive Meta Analysis Assessing Their Long Term Outcomes
Lecturers: Armaghan Soomro

12:01 PM Discussion

12:06 PM TCT 244: Percutaneous Suture mediated Patent Foramen Ovale PFO Closure with the NobleStitch EL System: Center Experience Effect
Lecturers: Gregory Sgueglia

12:13 PM Discussion

MODERATED POSTER SESSION: CATHETER-BASED TREATMENT OF PERIPHERAL VASCULAR DISEASE II
SATURDAY, SEPTEMBER 22, 2018
11:30 AM - 12:30 PM
Moderated Posters 3, Exhibit Hall, Ground Level

11:30 AM - 12:30 PM
Catheter-based Treatment of Peripheral Vascular Disease II
Moderators: Michael R. Jaff, Craig M. Walker
Discussants: Jun Nakazato, Rahul S. Patel, Ramon L. Varcoe, Mitchell Weinberg

11:30 AM
TCT 249: Population Based Outcomes Following Endovascular Interventions and Bypass Surgery for Lower Extremity Peripheral Arterial Disease
Lecturers: Khalid Hamid Changal
Discussion

11:42 AM
TCT 250: A Novel Large Size Transcatheter Pulmonary Heart Valve Prosthesis for Patients With Pulmonary Regurgitation
Lecturers: Anna Grünwald
Discussion

11:54 AM
TCT 251: Use Safety and Effectiveness of Subintimal Angioplasty and Re Entry Devices for the Treatment of Femoropopliteal Chronic Total Occlusions A Systematic Review of 87 Studies and 4671 Patients
Lecturers: Damianos Kokkinidis

11:30 AM - 12:30 PM
Moderated Posters 2, Exhibit Hall, Ground Level

11:30 AM - 12:30 PM
Cath Lab of the Future: Strategies to Control Radiation Exposure I
Moderators: Stephen Balter, Peter J. Fitzgerald
Discussants: M. Chadi Alraies, James Flaherty, Richard R. Heuser, Partha Sardar, Carl L. Tommaso, James P. Zidar

11:30 AM
TCT 245: A Significant Reduction in the Frequency of Substantial Dose Interventional Coronary Procedures From 2007 to 2017
Lecturers: Stephen Balter
Discussion

11:42 AM
TCT 246: Utility of Image Magnification Software to Reduce Radiation Emission During Invasive Coronary Angiography
Lecturers: Ramin Ebrahimi
Discussion

11:54 AM
TCT 247: Reducing Radiation Exposure to Operators During Invasive Cardiac Procedures With A Novel Lead Based Arm Board Radar
Lecturers: Tawfiq Choudhury
Discussion

12:01 PM
TCT 248: A New Device to Markedly Reduce Cardiac Cath Lab Radiation Levels
Lecturers: Robert Wilson
Discussion

11:30 AM - 12:30 PM
Moderated Poster Session: Is There Still a Role for Bare Metal Stents?

SATURDAY, SEPTEMBER 22, 2018
11:30 AM - 12:30 PM
11:30 AM - 12:30 PM
Is There Still a Role for Bare Metal Stents?
Moderators: Rafael Beyar, Hemal Gada
Discussants: Bernardo Cortese, Darshan Doshi, Adel El Etriby, Andrea Gagnor, Patrick J Golecki

11:30 AM  TCT 270: Prospective Randomized Comparison of Paclitaxel Coated Balloon vs Bare Metal Stent in High Bleeding Risk Patients With De Novo Native Coronary Artery Lesions
Lecturers: Eun-Seok Shin

11:37 AM  Discussion

11:42 AM  TCT 271: Drug Eluting Stents Compared With Bare Metal Stents in High Risk Patients Undergoing Percutaneous Coronary Interventions: A Meta Analysis
Lecturers: Saroj Neupane

11:49 AM  Discussion

11:54 AM  TCT 272: Outcomes of Drug Eluting vs Bare Metal Stents in Saphenous Vein Graft Lesions: A Meta Analysis of Randomized Controlled Trials
Lecturers: Toufik Mahfood Haddad

12:01 PM  Discussion

12:06 PM  TCT 273: Italian Multicenter Registry of Bare Metal Stent Use in Modern Percutaneous Coronary Intervention Era: A Multicenter Observational Study
Lecturers: Matteo Pagnesi

12:13 PM  Discussion

12:18 PM  TCT 274: Drug Eluting Stents vs Bare Metal Stents for Saphenous Vein Graft Interventions: A Meta Analysis of Randomized Controlled Trials
Lecturers: Aakash Garg

12:25 PM  Discussion

MODERATED POSTER SESSION: MINIMALIST APPROACH TO TAVR II

SATURDAY, SEPTEMBER 22, 2018
11:30 AM - 12:30 PM
Moderated Posters 5, Exhibit Hall, Ground Level

11:30 AM - 12:30 PM
Minimalist Approach to TAVR II
Moderators: Carlo Di Mario, Maurizio Taramasso
Discussants: Itshac Itsik Ben-dor, Nicola Corvaja, Chandan Devireddy, Kendra J. Grubb

11:30 AM  TCT 258: Comparing Outcomes of Local and General Anesthesia in Transcatheter Aortic Valve Replacement COLGATE AVR: the Cleveland Clinic Foundation Experience
Lecturers: Jimmy Kerrigan

11:37 AM  Discussion

11:42 AM  TCT 259: 1000 Minimalist TAVR: SAPIEN Through SAPIEN 3
Lecturers: Norihiko Kamioka

11:49 AM  Discussion

11:54 AM  TCT 260: Outcomes of Transcatheter Aortic Valve Replacement in Patients Undergoing Conscious Sedation Compared to General Anesthesia
Lecturers: Brett Hiendlmayr

12:01 PM  Discussion

12:06 PM  TCT 261: Minimalistic Approach in Transcatheter Aortic Valve Replacement: A Systematic Review and Meta Analysis
Lecturers: Harsh Rawal

12:13 PM  Discussion

MODERATED POSTER SESSION: MISCELLANEOUS PCI TECHNIQUES

SATURDAY, SEPTEMBER 22, 2018
11:30 AM - 12:30 PM
Moderated Posters 4, Exhibit Hall, Ground Level
11:30 AM - 12:30 PM

**Miscellaneous PCI Techniques**

Moderators: Bagrat Alekyan, Manish A. Parikh
Discussants: Sergey A. Abugov, Khaled Almerri, Peter Barlis, Jeff Chambers, Andrzej J. Ochala

11:30 AM  TCT 254: Strut Impingement Phenomenon By A Bioresorbable Polymer Sirolimus Eluting Ultimaster Stent
Lecturers: Yutaka Todano

11:37 AM  Discussion

11:42 AM  TCT 255: Results of the Percutaneous Coronary Intervention With Overlapping Stents With Homogeneous Or Heterogeneous Drug for the Treatment of Diffuse Coronary Disease in Real Clinical Practice
Lecturers: Ignacio Sanchez-Perez

11:49 AM  Discussion

11:54 AM  TCT 256: Impact of Coronary Artery Tortuosity on PCI Outcomes: An individual Patient Data Pooled Analysis From 6 Randomized Controlled Trials
Lecturers: Bjorn Redfors

12:01 PM  Discussion

12:06 PM  TCT 257: Impact of Percutaneous Coronary Intervention of Ostial Vs Non Ostial Lesions on Short and Long Term Clinical Outcomes
Lecturers: Ji Young Park

12:13 PM  Discussion

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**MODERATED POSTER SESSION: NEW OCT STUDIES**

**SATURDAY, SEPTEMBER 22, 2018**

11:30 AM - 12:30 PM

**New OCT Studies**

Moderators: Daniel Chamie, Stephen WL Lee
Discussants: Otavio Berwanger, Haibo Jia, Olli A. Kajander, Junya Shite, Richard Shlofmitz, Marco Zimarino

11:30 AM  TCT 266: OCT and Histopathological Assessment of Coronary Plaque Obtained by Directional Coronary AthereCTOmy
Lecturers: Hiroshi Okamoto

11:37 AM  Discussion

11:42 AM  TCT 267: Serial Stent Healing Analysis of BioresorbableStent Implanted in Coronary Bifurcations With Optical Coherence Tomography: Correlation With Baseline Shear Stress
Lecturers: Shengxian Tu

11:49 AM  Discussion

11:54 AM  TCT 268: Five Year Clinical Outcomes of Patients With OCT Detected Features of Vulnerable Plaque in Intermediate Grade Coronary Stenoses Proven Insignificant By FFR
Lecturers: Dorota Ochijewicz

12:01 PM  Discussion

12:06 PM  TCT 269: Optical Coherence Tomography Evaluation of Very Early Endothelialization After Dual Therapy Drug Eluting Stent With EPC CaptURE OCT VENTURE
Lecturers: Bryan Yan

12:13 PM  Discussion

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**MODERATED POSTER SESSION: PCI AND DRUG-COATED BALLOONS II**

**SATURDAY, SEPTEMBER 22, 2018**

11:30 AM - 12:30 PM

**PCI and Drug-Coated Balloons II**

Moderators: Fernando Alfonso, Bruno Scheller
Discussants: Subhash Banerjee, YunDai Chen, Kenneth Chin, Mariann Gyöngyösi, Grzegorz L. Kaluza

11:30 AM  TCT 262: Pre Clinical Investigation of Keratose As A Novel Excipient of Paclitaxel Coated Balloons
Lecturers: Saami Yazdani

11:37 AM Discussion

11:42 AM TCT 263: Drug Eluting Balloon Coronary Angioplasty Without Stenting for De Novo Lesions in Very Small Caliber Vessels: A Five Years Experience
Lecturers: Luc Doutrelant

11:49 AM Discussion

11:54 AM TCT 264: Sirolimus Coated Balloon in the Treatment of Small Vessel Disease: Long Term Follow Up From the Indian Nanolute Registry
Lecturers: Bernardo Cortese

12:01 PM Discussion

12:06 PM TCT 265: Comparison of Long Term Outcomes of Percutaneous Coronary Intervention With Sequent Please vs in Pact Falcon Paclitaxel Eluting Balloon Catheter
Lecturers: Ignacio Sanchez-Perez

12:13 PM Discussion

MODERATED POSTER SESSION: AORTIC DISEASES AND INTERVENTION

SATURDAY, SEPTEMBER 22, 2018
12:45 PM - 1:45 PM
Moderated Posters 3, Exhibit Hall, Ground Level

12:45 PM - 1:45 PM
Aortic Diseases and Intervention
Moderators: Christoph A. Nienaber, Eric E. Roselli
Discussants: Sergey A. Abugov, Somjot S. Brar, Costantino Del Giudice, Nimesh Desai, Ivo Petrov, Darren B Schneider

12:45 PM TCT 285: Development of A Local Treatment Strategy for Vessel Wall Stabilization With a miR 29b Inhibitor in Aneurysms and Atherosclerotic Plaques
Lecturers: Stephanie Bettink

12:52 PM Discussion

Lecturers: Gilberto Melnick

1:04 PM Discussion

1:09 PM TCT 287: Efficacy of Intravascular Ultrasound for Patients With Peripheral Artery Diseases Presenting Aorto Iliac Artery Disease
Lecturers: Takuya Tsujimura

1:16 PM Discussion

1:21 PM TCT 288: Early Thoracic Endovascular Aortic Repair TEVAR of Uncomplicated Type B Thoracic Aortic Dissection in the Cardiac Catheterization Laboratory: The Rise of the Cardio Vascular Interventionalist
Lecturers: Matthew McDiarmid

1:28 PM Discussion

1:33 PM TCT 289: Loco Regional vs General Anesthesia for Endovascular Abdominal Aortic Aneurysm Repair: An Updated Meta Analysis
Lecturers: Jai Parekh

1:40 PM Discussion

MODERATED POSTER SESSION: BIORESORBABLE SCAFFOLDS VS METALLIC STENTS

SATURDAY, SEPTEMBER 22, 2018
12:45 PM - 1:45 PM
Moderated Posters 8, Exhibit Hall, Ground Level

12:45 PM - 1:45 PM
Bioresorbable Scaffolds vs Metallic Stents
Moderators: Alok V. Finn, John A. Ormiston
Discussants: Salvatore Cassese, Daniel Chanie, Jun-Jack Cheng, Michael Joner, Grzegorz L. Kaluza, Vincent On-Hing Kwok

12:45 PM TCT 310: Four Year Clinical Outcomes From Randomized Comparison of Everolimus Eluting Biodegradable Vascular Scaffolds vs Everolimus Eluting Metallic Stents in Patients With Coronary Artery Disease From ABSORB China Trial
Lecturers: Runlin Gao

12:52 PM Discussion

12:57 PM TCT 311: Long Term Vascular Response to Biodegradable Scaffolds vs Metallic Stents in Coronary Lesions With Myocardial Bridging - A Potential Benefit of
Vascular Restoration Under Dynamic Compression force  
Lecturers: Ryo Kameda  
1:04 PM Discussion

TCT 312: 4 Year Clinical Results of a Randomized Trial Evaluating the Absorb Bioresorbable Vascular Scaffold vs Metallic Drug Eluting Stent in De Novo Native Coronary Artery Lesions: Data From the ABSORB Japan Trial  
Lecturers: Kengo Tanabe  
1:09 PM Discussion

TCT 313: In Vivo Acute Expansion of Bioresorbable Scaffolds and Metallic Stents in Normal Porcine Coronary Arteries – A Critical Appraisal of Compliance Chart Accuracy  
Lecturers: Nicolas Isaza  
1:16 PM Discussion

TCT 314: Factors influencing Bioresorbable vs Metallic Stent Recoil and Underexpansion In Vivo Independent of Atherosclerosis: Angiographic Study in Normal Porcine Coronary Arteries  
Lecturers: Nicolas Isaza  
1:21 PM Discussion

MODERATED POSTER SESSION: COMPUTATIONAL FLUID DYNAMICS (CT-FFR, QFR, INTRAVASCULAR IMAGING-FFR, AND OTHERS) I

SATURDAY, SEPTEMBER 22, 2018  
12:45 PM - 1:45 PM  
Moderated Posters 7, Exhibit Hall, Ground Level

12:45 PM - 1:45 PM  
Computational Fluid Dynamics (CT-FFR, QFR, Intravascular Imaging-FFR, and others) I  
Moderators: James K. Min, Wojtek Wojakowski  
Discussants: Peter J. Fitzgerald, Juan Luis Gutierrez-Chico, Marco Zimarino

12:45 PM  TCT 305: Comparison of 2D QCA 3D QCA and Coronary Angiography Derived FFR in Predicting Myocardial Ischemia Assessed By D SPECT  
Lecturers: Neng Dai  
12:52 PM Discussion

12:57 PM  TCT 306: Angiography Derived Functional Assessment of Non Culprit Stenoses With Quantitative Flow Ratio At the Time of ST Elevation Myocardial Infarction  
Lecturers: Hernan Mejia-Renteria  
1:04 PM Discussion

1:09 PM  TCT 307: Mechanism Triggering Acute Coronary Syndrome By Rupturing Plaque Based on the Cavitation Phenomenon Bubble Formation and Explosion At the Distal Left Main Bifurcation By Computational Fluid Dynamic Study  
Lecturers: Phuc Luong  
1:16 PM Discussion

1:21 PM  TCT 308: Comparison Between Fractional Flow Reserve FFR and Computational Fractional Flow Reserve Derived From Three Dimensional Intravascular Ultrasound FFR Ivus Percentage of Diameter Stenosis By Visual Estimation and Bi Dimensional Quantitative Co  
Lecturers: Alexandre Hideo-Kojita  
1:28 PM Discussion

1:33 PM  TCT 309: Angiography Derived Fractional Flow Reserve in the SYNTAX II Trial: Diagnostic Accuracy of QFR and Clinical Prognostic Value of Functional SYNTAX Score Derived From QFR  
Lecturers: Taku Asano  
1:40 PM Discussion

MODERATED POSTER SESSION: LMCA DISEASE AND INTERVENTION I

SATURDAY, SEPTEMBER 22, 2018  
12:45 PM - 1:45 PM  
Moderated Posters 4, Exhibit Hall, Ground Level

12:45 PM - 1:45 PM  
LMCA Disease and Intervention I  
Moderators: Davide Capodanno  
Discussants: Ning Guo, Stefan Harb, Talib Majwal, Lucian Marius Predescu, Jose M. de la Torre Hernandez
12:45 PM  TCT 290: Drug Eluting Balloon Catheters in the Endovascular Treatment of Patients With True Left Main Bifurcation Lesions
Lecturers: Daniil Maximkin

12:52 PM  Discussion

12:57 PM  TCT 291: Impact of Chronic Kidney Disease on Left Main Coronary Artery Disease Undergoing Percutaneous Coronary Intervention IRIS MAIN Registry
Lecturers: Jee Hyuk Kim

1:04 PM  Discussion

1:09 PM  TCT 292: Superimposed Stents for Suboptimal Immediate Angiographic Result in Left Main Coronary Artery Lesions After Implantation of A First Stent Angiographic and Clinical Outcomes
Lecturers: Karl Isaaz

1:16 PM  Discussion

1:21 PM  TCT 293: Incidence Procedural Aspects and Prognosis of Percutaneous Coronary Intervention of Unprotected Left Main Coronary Artery Disease in Patients With ST Segment Elevation Myocardial Infarction
Lecturers: Victoria Vilalta

1:28 PM  Discussion

1:33 PM  TCT 294: Long Term Outcome of Unprotected Left Main Coronary Artery Disease: Comparison Between Coronary Artery Bypass Grafting CABG and Percutaneous Coronary Intervention PCI in Korean Single Center
Lecturers: Moo Hyun Kim

1:40 PM  Discussion

MODERATED POSTER SESSION: MISCELLANEOUS TAVR COMPLICATIONS I

SATURDAY, SEPTEMBER 22, 2018
12:45 PM - 1:45 PM
Moderated Posters 5, Exhibit Hall, Ground Level

12:45 PM - 1:45 PM
Miscellaneous TAVR Complications I
Moderators: Philippe Genereux, Susheel K. Kodali
Discussants: Saif Anwaruddin, Colin M. Barker, Stephan M. Ensminger, Marek Grygier, Fabien Praz

12:45 PM  TCT 295: Differential Prognostic Value of Galectin 3 According to Levels of Carbohydrate Antigen 125 in Transcatheter Aortic Valve Implantation
Lecturers: Tobias Rheude

12:52 PM  Discussion

12:57 PM  TCT 296: Cardiac Surgery Compared to Antibiotics Only in Patients Developing Infective Endocarditis After Transcatheter Aortic Valve Replacement
Lecturers: Norman Mangner

1:04 PM  Discussion

1:09 PM  TCT 297: Influence of Valve Type on Thrombocytopenia Following Transcatheter Aortic Valve Implantation TAVI
Lecturers: Sally Hickman

1:16 PM  Discussion

1:21 PM  TCT 298: Autoimmune Connective Tissue Diseases Are Associated With Increased Infectious Complications After TAVR
Lecturers: Sarah Rudasill

1:28 PM  Discussion

1:33 PM  TCT 299: Pulse Wave Velocity and Aortic Distensibility in Patients With Hypertensive Response Post Transcatheter Aortic Valve Replacement
Lecturers: Eyal Ben Assa

1:40 PM  Discussion

MODERATED POSTER SESSION: PCI IN HIGH BLEEDING RISK (HBR) PATIENTS I

SATURDAY, SEPTEMBER 22, 2018
12:45 PM - 1:45 PM
Moderated Posters 6, Exhibit Hall, Ground Level

12:45 PM - 1:45 PM
PCI in High Bleeding Risk (HBR) Patients I
Moderators: Robert W. Yeh
Lecturers: Mariann Gyöngyösi
Discussants: Zuzana Motovska, Vincent J. Pompili, Adhir Shroff

12:45 PM  TCT 300: Feasibility and Clinical Impact of Esophagogastroduodenoscopy Within 7 Days in Patients Receiving Coronary Stent Due to ST Segment Elevation Myocardial Infarction
Lecturers: Sang Min Park

12:52 PM  Discussion

12:57 PM  TCT 301: CHA2DS2 VASC Score is Highly Predictive of In Hospital Mortality and Procedural Complications in Patients With Acute Coronary Syndrome Undergoing Percutaneous Coronary Intervention
Lecturers: Ashraf Abugroun

1:04 PM  Discussion

1:09 PM  TCT 302: A Simple CHA2DD2 VASC Derived Score for Assessing Long Term Prognosis in STEMI Patients CardioCHUS STEMI Registry
Lecturers: Gbolahan Ogunbayo

1:16 PM  Discussion

1:21 PM  TCT 303: Association of CHA2DS2 VASC Score With Hemorrhagic Stroke in Patients Undergoing Fibrinolytic Therapy for ST Elevation Myocardial Infarction
Lecturers: Alfredo Redondo Diéguez

1:28 PM  Discussion

1:33 PM  TCT 304: Long Term Clinical Outcomes in Acute Coronary Syndrome Patients At High Bleeding Risk Undergoing PCI With Implantation of Everolimus Eluting Stents: Results From the Patient Level Pooled Analysis of EES Post Approval Studies
Lecturers: Sabato Sorrentino

1:40 PM  Discussion

MODERATED POSTER SESSION: PERI-DEVICE LEAKS

SATURDAY, SEPTEMBER 22, 2018
12:45 PM - 1:45 PM
Moderated Posters 1, Exhibit Hall, Ground Level

12:45 PM - 1:45 PM
Peri-Device Leaks
Moderators: Linda D. Gillam, Pinak B. Shah
Discussants: Cameron Dowling, Omer Goktekin

12:45 PM  TCT 275: Percutaneous Transapical Left Ventricular Access to Treat Paravalvular Leak and Ventricular Septal Defect Is Clinically Effective and Associated With infrequent Adverse Events
Lecturers: Joseph Venturini

12:52 PM  Discussion

12:57 PM  TCT 276: Percutaneous Treatment of Residual Leaks After Left Atrial Appendage Closure
Lecturers: Marcus Sandri

1:04 PM  Discussion

1:09 PM  TCT 277: Safety and Feasibility of Trans Catheter Interruption of Ruptured Sinus of Valsalva Aneurysm RSOVA Using the Cocoon Duct Occluder CDO: Immediate Results and Mid Term Follow Up
Lecturers: Puneet Aggarwal

1:16 PM  Discussion

1:21 PM  TCT 278: Incidence Characteristics and Management of Residual Peri Device Leak After Percutaneous Left Atrial Appendage Occlusion
Lecturers: Zakeih Chaker

1:28 PM  Discussion

1:33 PM  TCT 279: Elective Percutaneous Paravalvular Leak Closure Under Monitored Anesthesia Care: The Safety of Conscious Sedation With Intra Procedural Tee for PVL Repair
Lecturers: Ali Abdul Jabbar

1:40 PM  Discussion

MODERATED POSTER SESSION: VULNERABLE PLAQUES AND VULNERABLE PATIENTS I

SATURDAY, SEPTEMBER 22, 2018
12:45 PM - 1:45 PM
Moderated Posters 2, Exhibit Hall, Ground Level
**Vulnerable Plaques and Vulnerable Patients I**

**Moderators:** Akiko Maehara, Peter H. Stone
**Discussants:** Maurice Buchbinder, Germano Di Sciascio, Konstantinos Toutouzas, Zhao Wang

**12:45 PM**
**TCT 280:** Usefulness of White Blood Cell Count to Mean Platelet Volume Ratio for Predicting Long Term Prognosis After Primary Percutaneous Coronary Intervention in Patients With Acute Coronary Syndrome  
*Lecturers: Na Xu*

**12:52 PM**
**Discussion**

**12:57 PM**
**TCT 281:** Validation of Computed Tomography Leaman Score for Risk Assessment of Patients Treated By Percutaneous Coronary Intervention  
*Lecturers: Simone Kim*

**1:04 PM**
**Discussion**

**1:09 PM**
**TCT 282:** Unstable Coronary Microvascular Physiology: The Critical Relationship of Patency and Perfusion Pressure Assessed By Controlled Flow Infusion  
*Lecturers: Robert S. Schwartz*

**1:16 PM**
**Discussion**

**1:21 PM**
**TCT 283:** Increase in Carotid Inflammation in Patients With CAD Independently Predicts Two Year MACE  
*Lecturers: Konstantinos Toutouzas*

**1:28 PM**
**Discussion**

**1:33 PM**
**TCT 284:** Coronary Computed Tomography Angiography Defined Low Attenuation Plaque to Predict True Lipidic Plaque Determined By Combined Intravascular Imaging  
*Lecturers: Rafal Wolny*

**1:40 PM**
**Discussion**

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**MODERATED POSTER SESSION: LMCA DISEASE AND INTERVENTION II**

**SATURDAY, SEPTEMBER 22, 2018**
**1:45 PM - 2:45 PM**
**Moderated Posters 4, Exhibit Hall, Ground Level**

**1:45 PM**
**TCT 329:** Prospective Evaluation of Drug Eluting Self Apposing Stent for the Treatment of Unprotected Left Main Coronary Artery Disease 1 Year Results of the TRUNC Study  
*Lecturers: Corrado Tamburino*

**1:52 PM**
**Discussion**

**1:57 PM**
**TCT 330:** One Year Effectiveness and Safety of Self Apposing Stentys Drug Eluting Stent in Left Main Coronary Artery PCI Multicentre LM STENTYS Registry  
*Lecturers: Wojciech Wanha*

**2:04 PM**
**Discussion**

**2:09 PM**
**TCT 331:** Secular Trends of Characteristics Treatments and Long Term Outcomes in Patients With Ostial Or Mid Shaft Left Main Coronary Artery Disease  
*Lecturers: Yong-Hoon Yoon*

**2:16 PM**
**Discussion**

**2:21 PM**
**TCT 332:** Serial IVUS Substudy Results From J Lesson: Japan Unprotected Left Main Coronary Artery Disease PCI Strategy on New Generation Stents  
*Lecturers: Akiko Maehara*

**2:28 PM**
**Discussion**

**2:33 PM**
**TCT 333:** Role of Optical Coherence Tomography Acknowledged for Left Main Stem Angioplasty the ROCK Cohort I Study  
*Lecturers: Bernardo Cortese*

**2:40 PM**
**Discussion**

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**MODERATED POSTER SESSION: MANAGEMENT OF IN-STENT RESTENOSIS I**

**SATURDAY, SEPTEMBER 22, 2018**
**1:45 PM - 2:45 PM**
1:45 PM - 2:45 PM
MODERATED POSTER SESSION: METALLIC BIORESORBABLE VASCULAR SCAFFOLDS I
SATURDAY, SEPTEMBER 22, 2018
1:45 PM - 2:45 PM
Moderated Posters 8, Exhibit Hall, Ground Level

1:45 PM  TCT 349: The Acute and Early Outcome of Magnesium Bioresorbable Scaffold Implantation in Acute Coronary Syndrome - Initial Report From ACS Magmaris Registry
Lecturers: Magdalea Lancha

1:52 PM  Discussion

1:57 PM  TCT 350: Safety and Performance of the Resorbable Magnesium Scaffold Magmaris in a Real World Setting - First 400 Subjects At 12 Month Follow Up of the Biosolve IV Registry
Lecturers: Michael Kang-Yin Lee

2:04 PM  Discussion

2:09 PM  TCT 351: Descriptive Analysis of Consecutive Adverse Angiographic and Clinical Events in Pooled Italian Series of Magnesium Bioabsorbable Metallic Scaffold Magmaris TM
Lecturers: Stefano Galli

2:16 PM  Discussion

2:21 PM  TCT 352: Long Term Clinical Data and Multimodality Imaging Analysis of the BIOSOLVE II Study With the Drug Eluting Absorbable Metal Scaffold in the Treatment of Subjects With De Novo Lesions in Native Coronary Arteries - BIOSOLVE II
Lecturers: Michael Haude

2:28 PM  Discussion

2:33 PM  TCT 353: Acute and Mid Term Performance of Magmaris Bioresorbable Scaffold Implantation in Complex Lesions - A Multicenter Experience
Lecturers: Francesco Tomassini

2:40 PM  Discussion
MODERATED POSTER SESSION: OPTICAL COHERENCE TOMOGRAPHY (OCT) OBSERVATIONS DURING PRIMARY PCI IN STEMI

SATURDAY, SEPTEMBER 22, 2018
1:45 PM - 2:45 PM
Moderated Posters 7, Exhibit Hall, Ground Level

1:45 PM - 2:45 PM
Optical Coherence Tomography (OCT) Observations During Primary PCI in STEMI
Moderators: Takashi Kubo, Francesco Prati
Discussants: Ziad A. Ali, Gary S. Mintz, Jun Pu, Evelyn S. Regar, Guillermo Tearney

1:45 PM
TCT 345: Optical Coherence Tomography Appraisal of Residual Thrombus Burden in Patients With ST Segment Elevation Myocardial Infarction Undergoing Bivalirudin vs Unfractionated Heparin Infusion the MATRIX Minimizing Adverse Haemorrhagic Events By Transradial
Lecturers: Hector M. Garcia-Garcia

1:52 PM
Discussion

1:57 PM
TCT 344: Comparison of Tissue Prolapse After Stent Deployment At Culprit Lesion and Non Culprit Lesion in Acute Myocardial Infarction
Lecturers: Hyuck Jun Yoon

2:04 PM
Discussion

2:09 PM
TCT 346: Primary PCI in STEMI With Sirolimus Eluting Fantom Bioresorbable Vascular Scaffold First Guided With Optical Coherence Tomography Acute Results From a Fantom STEMI Pilot Study
Lecturers: Lukasz Koltowski

2:16 PM
Discussion

2:21 PM
TCT 347: Culprit Lesion Types and Vascular Healing in Patients With ST Segment Elevation Myocardial Infarction After Primary Percutaneous Intervention
Lecturers: Kirstine Hansen

2:28 PM
Discussion

2:33 PM
TCT 348: Early Changes in Malapposition Assessed With Optical Coherence tomography After Biolimus Coated Biofreedom Stent Or Sirolimus Eluting Orsiro Stent in Patients With ST Segment Elevation Myocardial Infarction
Lecturers: Christian Oliver Fallesen

2:40 PM
Discussion

MODERATED POSTER SESSION: SYNTAX SCORE AND SYNTAX TRIAL STUDIES I

SATURDAY, SEPTEMBER 22, 2018
1:45 PM - 2:45 PM
Moderated Posters 2, Exhibit Hall, Ground Level

1:45 PM - 2:45 PM
SYNTAX Score and SYNTAX Trial Studies I
Moderators: Petr Kala, Patrick W. Serruys
Discussants: Mohammad El Tahilawi, Javier Escaned, Margaret B. McEntegart, John A. Ormiston, Nadia R Sutton

1:45 PM
TCT 320: Impact of Preprocedural High Sensitivity C Reactive Protein LDL C and Syntax Score on Outcomes Following Percutaneous Coronary Intervention
Lecturers: Anton Camaj

1:52 PM
Discussion

1:57 PM
TCT 321: Multicenter Validation of the Simplified SYNTAX Score An Accurate Memorizable Tool for Rapid Objective Assessment of Anatomical Complexity
Lecturers: Sonya Burgess

2:04 PM
Discussion

2:09 PM
TCT 322: Agreement Between Coronary CTA and Conventional Angiography on the SYNTAX Score Tertiles Stratified By Anatomical Complexity in the SYNTAX III Revolution Trial
Lecturers: Yoshinobu Onuma

2:16 PM
Discussion

2:21 PM
TCT 323: Comparison of the Prognostic Predictive Value of the SYNTAX II and NERS II Risk Scores in Unprotected Left Main Percutaneous Coronary Intervention
Lecturers: Xacobe Flores-Rios

2:28 PM
Discussion
MODERATED POSTER SESSION: TAVR AND CAD I

SATURDAY, SEPTEMBER 22, 2018
1:45 PM - 2:45 PM
Moderated Posters 1, Exhibit Hall, Ground Level

1:45 PM - 2:45 PM
TAVR and CAD I
Moderators: Horst Sievert
Discussants: Philipp Blanke, Elvin Kedhi, Nickolas Nodar Kipshidze, Grayson H. Wheatley

1:45 PM TCT 315: Correlation Between Fractional Flow Reserve and Non Invasive Myocardial Perfusion Imaging in Patients With Severe Aortic Stenosis and Coronary Artery Disease
Lecturers: Roberto Scarsini
1:52 PM Discussion

1:57 PM TCT 316: Percutaneous Coronary Intervention Before Transcatheter Aortic Valve Replacement
Lecturers: Franco Fabbiocchi
2:04 PM Discussion

2:09 PM TCT 317: Impact of Coronary Artery Disease on Transcatheter Aortic Valve Replacement Outcome
Lecturers: Paolo Olivares
2:16 PM Discussion

2:21 PM TCT 318: Impact of Coronary Artery Disease and Prior Coronary Artery Bypass Grafting on Patients Undergoing Transcatheter Aortic Valve Replacement
Lecturers: Toby Rogers
2:28 PM Discussion

2:33 PM TCT 319: Clinical Characteristics and Vascular Complications in Patients Undergoing Transcatheter Aortic Valve Replacement and Percutaneous Coronary Interventions
Lecturers: Shawn Reginauld
2:40 PM Discussion

MODERATED POSTER SESSION: TREATMENT OF PULMONARY EMBOLISM

SATURDAY, SEPTEMBER 22, 2018
1:45 PM - 2:45 PM
Moderated Posters 3, Exhibit Hall, Ground Level

1:45 PM - 2:45 PM
Treatment of Pulmonary Embolism
Moderators: Stephane Noble, Victor F. Tapson
Discussants: Gregory Piazza

1:45 PM TCT 324: A Five Year and Single Centre Experience on Ultrasound Assisted Catheter Directed Thrombolysis in Patients With Pulmonary Embolism At High Risk and Intermediate High Risk
Lecturers: Cihangir Kaymaz
1:52 PM Discussion

1:57 PM TCT 325: Quality of Life After Ultrasound Assisted vs Standard Catheter Directed Thrombolysis for Acute Pulmonary Embolism A Multi Center Experience
Lecturers: Gaurav Rao
2:04 PM Discussion

2:09 PM TCT 326: Catheter Directed Thrombolytic Therapy and Aspiration Thrombectomy in Intermediate Pulmonary Embolism Long Term Results
Lecturers: Zoltan Ruzsa
2:16 PM Discussion

2:21 PM TCT 327: Single Center Experience on Percutaneous Rheolytic Thrombectomy in Patients With Pulmonary Embolism At High Risk Or Intermediate High Risk
Lecturers: Ozgur Akbal
2:28 PM Discussion

2:33 PM TCT 328: Endovascular Treatment With Catheter Directed Thrombolysis in Patients With Acute Massive and Submassive Pulmonary Embolism
Lecturers: Ivo Petrov
MODERATED POSTER SESSION: VALVE-IN-VALVE PROCEDURES II

SATURDAY, SEPTEMBER 22, 2018
1:45 PM - 2:45 PM
Moderated Posters 5, Exhibit Hall, Ground Level

1:45 PM - 2:45 PM
Valve-in-Valve Procedures II
Moderators: Howard C. Herrmann, Mathew Williams
Discussants: Markus Florian Krackhardt, Axel Linke, Adam Witkowski

1:45 PM
TCT 374: Mitral Prosthetic Fracture to Facilitate Transcatheter Mitral Procedures: Results of In Vitro Bench Testing
Lecturers: Dawn Hui, MD

1:52 PM
Discussion

1:52 PM
TCT 375: Current Generation Balloon Expandable Transcatheter Valve Positioning During Aortic Valve in Valve Procedures and Clinical Outcomes
Lecturers: Matheus Simonato, MD

1:59 PM
Discussion

2:04 PM
TCT 376: Bioprosthetic Valve Fracture to Improve Hemodynamic Function Following Aortic Valve in Valve Implantation With CT Follow Up
Lecturers: Abdullah Alenezi, MD

2:11 PM
Discussion

2:16 PM
TCT 377: Transcatheter Aortic Valve Implantation TAVI for Degenerative Surgical Bioprosthesis: A Single Centre Valve in Valve VIV 5 Years Experience
Lecturers: Mohammad Waleed, MD

2:23 PM
Discussion

MODERATED POSTER SESSION: COMPUTATIONAL FLUID DYNAMICS (CT-FFR, QFR, INTRAVASCULAR IMAGING-FFR, AND OTHERS) II

SATURDAY, SEPTEMBER 22, 2018
2:45 PM - 3:45 PM
Moderated Posters 7, Exhibit Hall, Ground Level

2:45 PM - 3:45 PM
Computational Fluid Dynamics (CT-FFR, QFR, Intravascular Imaging-FFR, and others) II
Moderators: Paul Knaapen, Philip M. Urban
Discussants: Thomas Engstroem, Arnold Seto

2:45 PM
TCT 383: Clinical Utility of A Novel On Site Virtual Fractional Flow Reserve Parallel Computing System: Comparison With Invasive Fractional Flow Reserve
Lecturers: Hyung-Bok Park, MD

2:52 PM
Discussion

2:57 PM
TCT 384: Diagnostic Utility of Noninvasive Fractional Flow Reserve Derived From Coronary Computed Tomography Angiography in Patients With Stable Coronary Artery Disease
Lecturers: Hiroaki Sawada, MD

3:04 PM
Discussion

3:09 PM
TCT 385: Diagnostic Performance of Noninvasive Fractional Flow Reserve Derived From Computed Tomography in Diabetic Patients
Lecturers: Shinichi Sakurai, MD

3:16 PM
Discussion

3:21 PM
TCT 386: Ethnic Differences in Coronary Luminal Volume Left Ventricular Mass and CT Derived Fractional Flow Reserve
Lecturers: Abdul Rahman Idayhid, MD

3:28 PM
Discussion

3:33 PM
TCT 387: Morphological Correlates of Symptomatic Progression After Coronary Computed Tomography Angiography Derived High Risk Lesions Are Assessed By Optical Coherence tomography
Lecturers: Mitsuaki Matsumura, MD

3:40 PM
Discussion

MODERATED POSTER SESSION: CRITICAL LIMB ISCHEMIA
2:45 PM - 3:45 PM  
**Critical Limb Ischemia**  
*Moderators: Emerson C. Perin, Christopher J. White*  
*Discussants: J. Michael Bacharach, Subhash Banerjee, Michael R. Jaff*

2:45 PM  
**TCT 364: Percutaneous Deep Vein Arterialization for the Treatment of Late Stage Critical Limb Ischemia**  
*The PROMISE Trial: Early Feasibility Interim Results*  
*Lecturers: Jihad Mustapha*

2:52 PM  
**Discussion**

2:57 PM  
**TCT 365: Contemporary Outcomes in No Option Chronic Critical Limb Ischemia**  
*A Systematic Review and Meta Analysis*  
*Lecturers: Mohammed Imran Ghare*

3:04 PM  
**Discussion**

3:09 PM  
**TCT 366: Endovascular vs Surgical Revascularization for Acute Lower Limb Ischemia**  
*Lecturers: Tariq Enezate*

3:16 PM  
**Discussion**

3:21 PM  
**TCT 367: First Report Showing the Very Long Term Outcomes of Therapeutic Angiogenesis Using Bone Marrow Derived Mononuclear Cell Therapy in No Option Critical Limb Ischemia Patients With Scleroderma**  
*Lecturers: Keisuke Shoji*

3:28 PM  
**Discussion**

3:33 PM  
**TCT 368: Feasibility and Outcomes of Endovascular Treatment of Infrapopliteal Peripheral Arterial Disease in Patients With Critical Limb Ischemia Retrograde Tibiopedal Access Approach**  
*Lecturers: Apurva Patel*

3:40 PM  
**Discussion**

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**MODERATED POSTER SESSION: HEART TEAM STUDIES**

SATURDAY, SEPTEMBER 22, 2018  
2:45 PM - 3:45 PM  
Moderated Posters 2, Exhibit Hall, Ground Level

2:45 PM - 3:45 PM  
**Heart Team Studies**  
*Moderators: Stuart J. Head, A. Pieter Kappetein*  
*Discussants: Costantino Del Giudice, Isaac George, Arun Kalyanasundaram, Alfredo Trento, Dominik M. Wiktor*

2:45 PM  
**TCT 359: Improving Management of Cardiogenic Shock**  
*The INOVA Heart and Vascular Institute Standardized Team Based Approach*  
*Lecturers: Behnam Tehrani*

2:52 PM  
**Discussion**

2:57 PM  
**TCT 360: Assessment of Heart Teams Treatment Decision Variability**  
*Insights From the SYNTAX III Revolution Trial*  
*Lecturers: Yoshinobu Onuma*

3:04 PM  
**Discussion**

3:09 PM  
**TCT 361: Heart Team Approach to CAD Management in Patients Undergoing Elective Vascular Surgery Who Have Asymptomatic Ischemia Producing Coronary Stenosis**  
*Lecturers: Andrejs Erglis*

3:16 PM  
**Discussion**

3:21 PM  
**TCT 362: Checking the Reality of the SYNTAX III Revolution Trial**  
*Comparison of the Virtual Heart Team Decision With the Treatment Executed*  
*Lecturers: Jeroen Sonck*

3:28 PM  
**Discussion**

3:33 PM  
**TCT 363: Impact of the Heart Team in Decision Making in Patients With Severe Aortic Stenosis**  
*Data From the IMPULSE Registry*  
*Lecturers: Stefano Salizzoni*

3:40 PM  
**Discussion**
MODERATED POSTER SESSION: NEW POLYMERIC BIORESORBABLE VASCULAR SCAFFOLDS I

SATURDAY, SEPTEMBER 22, 2018
2:45 PM - 3:45 PM
Moderated Posters 8, Exhibit Hall, Ground Level

2:45 PM - 3:45 PM
New Polymeric Bioresorbable Vascular Scaffolds I
Moderators: Lorenz Raber, Ashok Seth
Discussants: Arif Al Nooryani, Rafa Depukat, Andrejs Erglis, Nicolas Foin, Marvin J. Slepian

2:45 PM
TCT 388: Real World Follow Up One Year of the Novel MeRes100
Lecturers: Marcos Ortega, MD
2:52 PM
Discussion

2:57 PM
TCT 389: Pre Clinical Evaluation of a Novel Thin Strut 85 m Ultra High Molecular Weight PLLA Sirolimus Eluting Bioresorbable Scaffold: A Comparative Multi Modality Imaging Based Study
Lecturers: Marco Ferrone, MD
3:04 PM
Discussion

3:09 PM
TCT 390: Impact of Strut Thickness on Radial Force and Late Vascular Recoil of a Novel Thin Strut Ultra High Molecular Weight PLLA Sirolimus Eluting Bioresorbable Coronary Scaffold
Lecturers: Nicolas Isaza, MD
3:16 PM
Discussion

3:21 PM
TCT 391: Post Implantation Shear Stress Analysis - An Emerging Tool for Differentiation in Bioresorbable Scaffolds
Lecturers: Erhan Tenekecioglu, MD
3:28 PM
Discussion

3:33 PM
TCT 392: A First in Man Study of the Bioheart Sirolimus Eluting Bioresorbable Scaffold in Patients With Coronary Artery Disease - One Year Clinical and Imaging Outcomes
Lecturers: Bo Xu

MODERATED POSTER SESSION: OPTIMAL DIAGNOSIS AND TREATMENT OF PATIENTS WITH STEMI OR NSTEMI I

SATURDAY, SEPTEMBER 22, 2018
2:45 PM - 3:45 PM
Moderated Posters 6, Exhibit Hall, Ground Level

2:45 PM - 3:45 PM
Optimal Diagnosis and Treatment of Patients with STEMI or NSTEMI I
Moderators: Francisco Fdez-Aviles
Discussants: Alejandro Cherro, Peter L Duffy, Konstantinos P. Tsiosufis, Azfar G. Zaman

2:45 PM
TCT 378: Angiographic Echocardiographic and Clinical Outcomes Among STEMI Patients With Pre Infarction Angina Undergoing Primary Percutaneous Coronary Intervention
Lecturers: Hasam Hasan, MD
2:52 PM
Discussion

2:57 PM
TCT 379: Effect of Family Characteristics on Therapeutic Delay in Patients With ST Elevation Myocardial Infarction
Lecturers: Yukio Mizuguchi, MD
3:04 PM
Discussion

3:09 PM
TCT 380: Impact of Direct Stenting on Myocardial Injury Assessed By Cardiac Magnetic Resonance Imaging and Prognosis in ST Elevation Myocardial Infarction
Lecturers: Mohammed Saad, MD
3:16 PM
Discussion

3:21 PM
TCT 381: The SCAMI NSTEMI Score: A Simplified Risk Score Based on China Acute Myocardial Infarction Registry to Predict In Hospital Mortality of Non ST Segment Elevation Myocardial Infarction Patients
Lecturers: Rui Fu, MD
3:28 PM
Discussion

3:33 PM
TCT 382: Safety of 2 Day Discharge Following PPCI in STEMI Patients
MODERATED POSTER SESSION: TAVR, STROKE, AND EMBOLIC PROTECTION I

SATURDAY, SEPTEMBER 22, 2018
2:45 PM - 3:45 PM
Moderated Posters 1, Exhibit Hall, Ground Level

2:45 PM - 3:45 PM
TAVR, Stroke, and Embolic Protection I
Moderators: Peter Wenaweser
Discussants: Anthony A. Bavry, Francesco Bedogni, Jaya Chandrasekhar, Henrique B. Ribeiro

2:45 PM
TCT 354: Preprocedural Left Heart Debris Identified By TEE Does Not Appear to Be a Risk Factor for Stroke During TAVR
Lecturers: Addis Asfaw
Discussion

2:52 PM
TCT 355: Stroke After Transcatheter vs Surgical Aortic Valve Replacement  A Meta Analysis of Randomized Trials and Propensity Matched Observational Studies
Lecturers: Kuldeep Shah
Discussion

3:04 PM
TCT 356: Correlation of Neuromarkers and Brain Injury After TAVR Results From CLEAN TAVI Trial
Lecturers: Stephan Haussig
Discussion

3:16 PM
TCT 357: Initial Outcomes With a Systematic Application of Sentinel Cerebral Embolic Protection for Balloon Expandable TAVR
Lecturers: Michael J. Rinaldi
Discussion

3:28 PM
TCT 358: Reducing Stroke While increasing Transcatheter Aortic Valve Replacements  Case Control Analysis of 1658 Procedures Over 6 Years
Lecturers: Dominique Monlezun
Discussion

MODERATED POSTER SESSION: TECHNICAL ASPECTS OF CTO INTERVENTIONS II

SATURDAY, SEPTEMBER 22, 2018
2:45 PM - 3:45 PM
Moderated Posters 4, Exhibit Hall, Ground Level

2:45 PM - 3:45 PM
Technical Aspects of CTO Interventions II
Moderators: Toshiya Muramatsu, William Nicholson
Discussants: Sanjog Kalra, Robert F. Riley, Barry D. Rutherford, João A Silveira, Minh N. Vo

2:45 PM
TCT 369: Antegrade Wire Escalation With Composite Core Dual Coil Wire Technology in the Treatment of Coronary Chronic Total Occlusions
Lecturers: Jeffrey Rossi, MD
Discussion

2:52 PM
TCT 370: Increased Specialisation of Chronic Total Occlusion PCI Improves Success Rates But Increases Procedural Complexity: A Single Centre Experience
Lecturers: Leong Lee, MD
Discussion

3:04 PM
TCT 371: Antegrade Fenestration and Re Entry: A Novel Subintimal Technique for Chronic Total Occlusion Recanalization
Lecturers: Lorenzo Azzalini, MD
Discussion

3:16 PM
TCT 372: Pooled Analysis of Collateral Channel Type and Morphology During Retrograde Chronic Total Occlusion Percutaneous Coronary Intervention
Lecturers: Sudhir Rathore
Discussion

3:23 PM
TCT 373: Safety and Efficacy of Transradial vs Transfemoral Approach for Chronic Total Occlusion: A Meta Analysis
Lecturers: Muhammad Khalid, MD
Discussion
MODERATED POSTER SESSION: VALVE-IN-VALVE PROCEDURES I

SATURDAY, SEPTEMBER 22, 2018
2:45 PM - 3:45 PM
Moderated Posters 5, Exhibit Hall, Ground Level

2:45 PM - 3:45 PM
Valve-in-Valve Procedures I
Moderators: Mohamed Abdel-Wahab, Darren L. Walters
Discussants: Keith B. Allen, Adnan K. Chhatriwalla, James B. Hermiller Jr

2:45 PM
TCT 334: Treatment of Degenerated Aortic Bioprostheses  A Comparison Between Valve In Valve Transfemoral Transcatheter Aortic Valve Replacement and Conventional Reoperation
Lecturers: Norman Mangner

2:52 PM
Discussion

2:57 PM
TCT 335: Predictors of Elevated Gradients After Transcatheter Aortic Valve Replacement for Failing Bioprosthetic Aortic Valve Replacement
Lecturers: Robert L. Richmond

3:04 PM
Discussion

3:09 PM
TCT 336: Transfemoral TAVR Treatment of Failing Aortic Bioprostheses  Mid Term Results and Outcome
Lecturers: Felix Woitek

3:16 PM
Discussion

3:21 PM
TCT 337: The Effect of Transcatheter Laceration of Degenerated Bioprosthetic Valve Leaflets on the Likelihood of Leaflet Thrombosis Following Transcatheter Aortic Valve In Valve Implantation  A Computational Simulation Study
Lecturers: Farhan Khodoei

3:28 PM
Discussion

3:33 PM
TCT 338: Comparison of Re do Transcatheter Aortic Valve Replacement With Valve in Valve for Failed Surgical Aortic Bioprostheses: a Multicenter Analysis of Clinical and Long Term Outcome
Lecturers: Matthias Raschpichler

3:40 PM
Discussion

MODERATED POSTER SESSION: INTRAVASCULAR IMAGING, PCI, AND LONG-TERM OUTCOMES II

SATURDAY, SEPTEMBER 22, 2018
3:45 PM - 4:45 PM
Moderated Posters 7, Exhibit Hall, Ground Level

3:45 PM - 4:45 PM
Intravascular Imaging, PCI, and Long-Term Outcomes II
Moderators: Peter H. Stone, Alan C. Yeung
Discussants: Olli A. Kojander, Elias Sanidas, Shiro Uemura, Mladen I. Vidovich

3:45 PM
TCT 423: Incidence and Prognostic Impact of the Calcified Nodule in Coronary Artery Disease Patients on Hemodialysis
Lecturers: Akihiko Okamura

3:52 PM
Discussion

3:57 PM
TCT 424: A New Intravascular Ultrasound Guided Stenting Strategy Compared With Angiography on Stent Expansion and Procedural Outcomes in Patients With Positive Lesion Remodeling
Lecturers: Diaa Hakim

4:04 PM
Discussion

4:09 PM
TCT 425: Impact of External Elastic Lamina Diameter Based Sizing vs Lumen Diameter Based Sizing on Early Vascular Healing
Lecturers: Wataru Sasaki

4:16 PM
Discussion

4:21 PM
TCT 426: Relationship Between Lesion Characteristics as Assessed By Intravascular Ultrasound and Clinical Outcomes VAMPIRE 3 IVUS Substudy
Lecturers: Nobuhiko Maejima

4:28 PM
Discussion

4:33 PM
TCT 427: Role of Residual Stent Under Expansion Erus In Stent Minimum Lumen Area in Percutaneous Coronary Intervention Outcome  A CLI OPCI Project Substudy
Lecturers: Enrico Romagnoli
MODERATED POSTER SESSION: NEW POLYMERIC BIORESORBABLE VASCULAR SCAFFOLDS II

SATURDAY, SEPTEMBER 22, 2018
3:45 PM - 4:45 PM
Moderated Posters 8, Exhibit Hall, Ground Level

3:45 PM - 4:45 PM
New Polymeric Bioresorbable Vascular Scaffolds II
Discussants: Antoine Lafont, Sigmund Silber

3:45 PM TCT 428: A First in Man Study of the Firesorb Sirolimus Target Eluting Bioresorbable Vascular Scaffold in Patients With Coronary Artery Disease FUTURE I: Two Year Clinical and Imaging Outcomes
Lecturers: Bo Xu

3:52 PM Discussion

3:57 PM TCT 429: A Randomized Trial Comparing A Novel Sirolimus Eluting Bioresorbable Scaffold With Everolimus Eluting Metallic Stents in Patients With Coronary Artery Disease: Two Year Clinical Outcomes
Lecturers: Yaling Han

4:04 PM Discussion

4:09 PM TCT 430: In Vitro and Preclinical Evaluation of a Thin Strut Bioresorbable Scaffold: Results From Bench Testing and Acute Phase Study in a Non Atherosclerotic Porcine Model
Lecturers: Yuki Katagiri

4:16 PM Discussion

4:21 PM TCT 431: Twenty Four Months Healing Patterns After Implantation of the Fantom Bioresorbable Scaffold Evaluated By Optical Coherence Tomography
Lecturers: Emil Holck

4:28 PM Discussion

4:33 PM TCT 432: Fantom II Trial: Safety Performance Study of the Fantom Sirolimus Eluting Bioresorbable Coronary Scaffold 24 Month Follow Up Clinical Outcomes Final Results
Lecturers: Georgios Bouras

4:40 PM Discussion

MODERATED POSTER SESSION: NON-ATHEROSCLEROSIS CORONARY ARTERY DISEASE I

SATURDAY, SEPTEMBER 22, 2018
3:45 PM - 4:45 PM
Moderated Posters 2, Exhibit Hall, Ground Level

3:45 PM - 4:45 PM
Non-atherosclerosis Coronary Artery Disease I
Moderators: Bernard J. Gersh, Alice K. Jacobs
Discussants: Fernando Alfonso, Rajiv Gulati, Jacek Legutko, Jose L. Leiva-Pons, Michelle O’Donoghue, Iosif Xenogiannis

3:45 PM TCT 398: Evaluation of Microvascular Dysfunction in Patients With Takotsubo Syndrome
Lecturers: Domenico Nobile, MD

3:52 PM Discussion

3:57 PM TCT 399: Ischemic Stroke in Patients With Takotsubo Cardiomyopathy Analysis of the National Inpatient Sample Database
Lecturers: Shunsuke Aoi, MD

4:04 PM Discussion

4:09 PM TCT 400: Prevalence of Myocardial Bridging Associated With Coronary Endothelial Dysfunction in Patients With Chest Pain and Non Obstructive Coronary Artery Disease
Lecturers: Jaskanwal Deep Sara, MD

4:16 PM Discussion

4:21 PM TCT 401: A Strategy of Percutaneous Coronary Intervention With Drug Eluting Stents for the Treatment of Cardiac Allograft Vasculopathy May Normalize Survival
Lecturers: Richard Cheng, MD

4:28 PM Discussion
MODERATED POSTER SESSION: NON-LM BIFURCATION INTERVENTION II

SATURDAY, SEPTEMBER 22, 2018
3:45 PM - 4:45 PM
Moderated Posters 4, Exhibit Hall, Ground Level

3:45 PM - 4:33 PM
Non-LM Bifurcation Intervention II
Moderators: Marie-Claude Morice, Marco A. Perin
Discussants: Mamas Mamas, Stefan Mot, Sunao Nakamura, Manish A. Parikh, Afzalur Rahman, Sudhir Rathore

3:45 PM
TCT 408: Bifurcation and Ostial Optical Coherence Tomography Mapping BOOM Analysis of a Novel Co Registration Based Technique
Lecturers: Evan Shlofmitz

3:52 PM
Discussion

3:57 PM
TCT 409: Bifurcational Percutaneous Coronary Intervention in ST Elevation Myocardial Infarction
Lecturers: Vimalraj BoganaShanmugam

4:04 PM
Discussion

4:09 PM
TCT 410: Critical Aspects of the Final Proximal Optimization Technique POT During Bifurcation Stenting
Lecturers: Lene Nyhus Andreasen

4:16 PM
Discussion

4:21 PM
TCT 411: Comparison of the Strategies for Side Branch Intervention According to Fractional Flow Reserve in Coronary Bifurcation Lesions
Lecturers: Sang-Cheol Cho

4:28 PM
Discussion

4:33 PM
TCT 412: Side Branch Intervention for Non Left Main True Bifurcation Lesions: Pooled Analysis of Korean Multicenter Drug Eluting Stent Cohort
Lecturers: Gyu Chul Oh

4:40 PM
Discussion

MODERATED POSTER SESSION: OBESITY IN CAD

SATURDAY, SEPTEMBER 22, 2018
3:45 PM - 4:45 PM
Moderated Posters 6, Exhibit Hall, Ground Level

3:45 PM - 4:33 PM
Obesity in CAD
Moderators: Henning Kelbæk, Michael C. C. Kim
Discussants: Waleed Y Kadro, Jaikirshan Khatri, Vijay Kunadian, David J. Maron, Jean-François Tanguay

3:45 PM
TCT 418: Association Between Body Mass Index and 1 Year MACCE After Acute Myocardial Infarction
Lecturers: Myun Hee Lee

3:52 PM
Discussion

3:57 PM
TCT 419: Effects of Body Mass Index on the Comparative Effectiveness of PCI vs CABG for Left Main Coronary Artery Disease Insights From the EXCEL Trial
Lecturers: Sabato Sorrentino

4:04 PM
Discussion

4:09 PM
TCT 420: The Effect of Body Mass Index on Clinical Outcomes in Patients With Acute Coronary Syndrome
Lecturers: Mesfer Alfadhel

4:16 PM
Discussion

4:21 PM
TCT 422: The Impact of Weight Loss on Cardiovascular Outcomes Following Percutaneous Coronary Revascularization A Contemporary Real World Experience
Lecturers: Trevor Simard

4:28 PM
Discussion
MODERATED POSTER SESSION: RACIAL AND GENDER DISPARITIES IN ENDOVASCULAR AND STRUCTURAL HEART DISEASE AND INTERVENTION II

SATURDAY, SEPTEMBER 22, 2018
3:45 PM - 4:45 PM
Moderated Posters 3, Exhibit Hall, Ground Level

3:45 PM - 4:45 PM
Racial and Gender Disparities in Endovascular and Structural Heart Disease and Intervention II
Moderators: James P. Zidar
Discussants: Douglas E. Drachman, Roger J. Laham, Frank E. Silvestry

3:45 PM TCT 406: Elevated Uric Acid Is Associated With Increased Lesion Calcification and Increased Mortality in Women Undergoing Percutaneous Coronary Intervention
Lecturers: Megha Prasad

3:52 PM Discussion

3:57 PM TCT 403: The Surgery After Stent SAS Registry: A Gender Based Analysis on Clinical Outcomes in Women Undergoing Cardiac and Non Cardiac Surgery
Lecturers: Daniela Trabattoni

4:04 PM Discussion

4:09 PM TCT 404: Takotsubo Syndrome and Oxidative Stress in Women: What Happens to the Clot
Lecturers: Daniela Trabattoni

4:16 PM Discussion

4:21 PM TCT 405: Sex Differences and Outcomes Following Rotational Atherectomy: Do Women Receive Optimal Care?
Lecturers: Tom J Ford

4:28 PM Discussion

4:33 PM TCT 407: Sex Differences in Symptom Pattern of Chest Pain and Resolution Following Coronary Revascularization
Lecturers: Pietro Di Santo

4:40 PM Discussion

MODERATED POSTER SESSION: TAVR IN BICUSPID AORTIC VALVE DISEASE

SATURDAY, SEPTEMBER 22, 2018
3:45 PM - 4:45 PM
Moderated Posters 5, Exhibit Hall, Ground Level

3:45 PM - 4:45 PM
TAVR in Bicuspid Aortic Valve Disease
Moderators: Eric E. Roselli
Discussants: Ioannis Iakovou, Gilbert H.L. Tang

3:45 PM TCT 413: National Trends and Outcomes of Transcatheter Aortic Valve Replacement in Patients With Bicuspid Aortic Valve Stenosis
Lecturers: Mohamad Soud

3:52 PM Discussion

3:57 PM TCT 414: Patient Specific Computer Simulation to Optimise Transcatheter Heart Valve Sizing and Positioning in Bicuspid Aortic Valve Morphology
Lecturers: Cameron Dowling

4:04 PM Discussion

4:09 PM TCT 415: Transcatheter Aortic Valve Implantation Using Symetis ACURATE in Bicuspid Aortic Valve Stenosis: Insights From A Multicenter Experience
Lecturers: Antonio Mangieri

4:16 PM Discussion

4:21 PM TCT 416: Balloon vs Self Expandable Valve for the Treatment of Bicuspid Aortic Valve Stenosis: Insights from the BEAT International Collaborative Registry
Lecturers: Antonio Mangieri

4:28 PM Discussion

4:33 PM TCT 417: Long Term Mortality of Patients Undergoing Transcatheter Aortic Valve Replacement for Bicuspid vs Tricuspid Aortic Stenosis
Lecturers: Raymundo Quintana

4:40 PM Discussion
MODERATED POSTER SESSION: VASCULAR ACCESS IN STRUCTURAL HEART DISEASE PROCEDURES

SATURDAY, SEPTEMBER 22, 2018
3:45 PM - 4:45 PM
Moderated Posters 1, Exhibit Hall, Ground Level

3:45 PM - 4:45 PM
Vascular Access in Structural Heart Disease Procedures
Moderators: Joachim Schofer

3:45 PM
TCT 393: Transcarotid Approach for TAVI With the SAPIEN 3 Prosthesis A Multicentre French Registry
Lecturers: Pavel Overtchouk, MD

3:52 PM
Discussion

3:57 PM
TCT 394: Efficacy and Safety of Fishermans Knot Technique to Achieve Venous Haemostasis After Removal of Large Sheath 12 Fr
Lecturers: Puneet Aggarwal

4:04 PM
Discussion

4:09 PM
TCT 395: A Propensity Matched Comparison of Suprasternal and Transfemoral Transcatheter Aortic Valve Replacement Innominate vs Femoral
Lecturers: Anna Olds, MD

4:16 PM
Discussion

4:21 PM
TCT 396: Association of Peripheral Artery Disease With in Hospital Outcomes After Endovascular Transcatheter Aortic Valve Replacement
Lecturers: Divyanshu Mohananey, MD

4:28 PM
Discussion

4:33 PM
TCT 397: Ipsilateral Balloon Occlusion Technique for Percutaneous Closure After Transfemoral Aortic Valve Replacement
Lecturers: Sunny Goel, MD

4:40 PM
Discussion

EVENING PROGRAM: AN EXPERT TRANSRADIAL Q&A PANEL: GENERATING CLINICAL AND ECONOMIC VALUE (SPONSORED BY TERUMO)

SATURDAY, SEPTEMBER 22, 2018
6:00 PM - 8:00 PM
Pacific Ballroom 21-22, Level One

6:00 PM - 8:00 PM
An Expert Transradial Q&A Panel: Generating Clinical and Economic Value
Chairs: Sunil V. Rao, Gregg W. Stone
Faculty: Amit Amin, MD, Ajay J. Kirtane, Sahil A. Parikh, Arnold Seto, Binita Shah

6:00 PM
Check-In & Reception

6:30 PM
This panel of experts will address the current clinical controversies related to transradial access and intervention during cardiology and peripheral intervention that are keeping radial access from reaching higher levels of procedural penetration Antici

EVENING PROGRAM: CHIP ANGIOGRAM REVIEW: WHAT'S NEW WITH FOCUSED CASE PRESENTATIONS (SPONSORED BY CRF, SUPPORTED BY ABBOTT, ABIOMED, INC., BOSTON SCIENTIFIC CORPORATION, BTG GROUP INTERNATIONAL, CARDIOVASCULAR SYSTEMS, INC., CORDIS, A CARDINAL HEALTH COMPANY, AND MEDTRONIC)

SATURDAY, SEPTEMBER 22, 2018
6:00 PM - 8:00 PM
Pacific Ballroom 18-19, Level One

6:00 PM - 6:30 PM
Check-In & Reception

6:30 PM - 8:00 PM
CHIP Angiogram Review: Rapid-Fire Case Presentations of the Good, Bad, and the Ugly
Co Chairs: Dimitri Karmpaliotis, Ajay J. Kirtane, Martin B. Leon, William L. Lombardi, Jeffrey W. Moses

6:30 PM Opening Remarks: CHIP Status Update
Lecturers: Jeffrey W. Moses

Panel #1
Moderators: Martin B. Leon

Panel #1
Panel Discussant: Mirvat Alasnag, Alaide Chieffo, J. Aaron Grantham, Allen Jeremias, James M. McCabe, Manish A. Parikh, Binita Shah, Gregg W. Stone

6:42 PM Case 1: Left Main Bifurcation Disease
Case Presenter: Evald H. Christiansen

6:59 PM Case 2: Calcium Calcium Calcium
Case Presenter: Emmanouil S. Brilakis

Panel #2
Moderators: Ajay J. Kirtane

Panel #2
Panel Discussant: Ziad A. Ali, Antonio Colombo, George D. Dangas, Jonathan M. Hill, William L. Lombardi, Margaret B. McEntegart, Roxana Mehran, Robert W. Yeh

7:14 PM Case 3: In Stent Restenosis
Case Presenter: William Nicholson

7:29 PM Case 4: Multivessel Disease Elective
Case Presenter: Andrew Sharp

7:44 PM Case 5: Multivessel Disease Shock
Case Presenter: Dimitri Karmpaliotis

8:00 PM Adjourn

EVENING PROGRAM: EVERYDAY ANTIPLATELET DECISIONS: MAKING THE RIGHT CHOICES (SPONSORED BY CRF, SUPPORTED BY CHIESI USA, INC.)

SATURDAY, SEPTEMBER 22, 2018
6:00 PM – 8:00 PM
Pacific Ballroom 14-17, Level One

6:00 PM - 6:30 PM
Check-In & Reception

6:30 PM - 8:00 PM
Everyday Antiplatelet Decisions: Making the Right Choices
Co Chairs: Deepak L. Bhatt, Pascal Vranckx
Discussants: John A. Bittl, Davide Capodanno, Christian W. Hamm, Roxana Mehran, Matthew J. Price, Daniel I. Simon
Faculty: Dominick J. Angiolillo, C. Michael Gibson, Tullio Palmerini, Gregg W. Stone, Marco Valgimigli, MD, Robert W. Yeh

6:30 PM First Decision Acute Care: When to Use Potent Intravenous P2Y12 Inhibition
Lecturers: Gregg W. Stone

6:40 PM Case Study 1 With Discussion: A Case in Which I Wish I had Used Potent IV P2Y12 Inhibition
Case Presenter: Dominick J. Angiolillo

6:50 PM Second Decision DAPT Duration: What Variables Really Matter When Balancing Ischemic vs Bleeding Risk
Lecturers: Deepak L. Bhatt

7:00 PM Case Study 2 With Discussion: DAPT Duration Decision in a Patient at High Risk for Ischemia and Bleeding
Case Presenter: Tullio Palmerini

7:10 PM Third Decision Antiplatelet Monotherapy: Who Which When and Why
Lecturers: Pascal Vranckx

7:20 PM Case Study 3 With Discussion: A Case for Antiplatelet Monotherapy
Case Presenter: Marco Valgimigli, MD

7:30 PM Fourth Decision DAPT Use After DES in the Patient With Atrial Fibrillation: Practical Recommendations
Lecturers: C. Michael Gibson

7:40 PM  Case Study 4 With Discussion: Acute and Chronic Management of a Patient With STEMI High Thrombus Burden and Atrial Fibrillation  
Case Presenter: Robert W. Yeh

7:50 PM  Unanswered Questions From the Audience

8:00 PM  Adjourn

CARDIOVASCULAR PROFESSIONALS (CVP) COURSE: 27TH ANNUAL CARDIOVASCULAR NURSE AND TECHNOLOGIST SYMPOSIUM: INTERACTIVE TRAINING WORKSHOP

SATURDAY, SEPTEMBER 22, 2018
1:00 PM - 4:00 PM  
Room 6C, Upper Level

1:00 PM - 4:00 PM  
Coronary Session (50 Minute Rotations)  
Interactive Training Faculty: Julie Logan, Martina Kelly Speight

1:00 PM  Coronary Assessment and Imaging Using the POLARIS Multi Modality Guidance System Supported by Boston Scientific Corporation 10 Minute Rotations

1:00 PM  Coronary Physiologic Assessment and Imaging Using the CORE and SyncVision Systems Supported by Philips 10 Minute Rotations

1:00 PM  Lesion Modification Session Using Laser Atherectomy and ANGIOSCULPT Balloon Catheters Supported by Philips 10 Minute Rotations

1:00 PM  Chronic Total Occlusions Sessions Using CROSSBOSS Catheter STINGRAY LP System Supported by Boston Scientific Corporation 10 Minute Rotation

1:00 PM  Lesion Modification Session Using Rotational Atherectomy System Supported by Boston Scientific Corporation 10 Minute Rotation

1:00 PM  Transradial Experience Supported by Medtronic 10 Minute Rotation

2:50 PM  Break for Rotation Transition

1:00 PM - 4:00 PM  
Peripheral Vascular Session (50 Minute Rotations)  
Interactive Training Faculty: Jeff Davis

1:00 PM  JetStream for Atherectomy Supported by Boston Scientific Corporation

1:50 PM  Break for Rotation Transition

1:00 PM  JetStream for Atherectomy Supported by Boston Scientific Corporation

2:50 PM  Break for Rotation Transition

1:00 PM - 4:00 PM  
Structural Heart Session (50 Minute Rotations)  
Interactive Training Faculty: Marian C. Hawkey

1:00 PM  Cerebral Embolic Protection for TAVR Supported by Boston Scientific Corporation 10 Minute Rotation

1:00 PM  Transcatheter Aortic Valve Session: Understanding Evolut TAVR Platform Supported by Medtronic 10 Minute Rotation

1:00 PM  Transcatheter Aortic Valve Session: Understanding Sapien 3 Valve Supported by Edwards Lifesciences 10 Minute Rotation

1:00 PM  Transcatheter Pulmonary Valve Session: Understanding Melody TPV System Supported by Medtronic

1:00 PM  Left Atrial Appendage Closure Session: Understanding Watchman LAA Device and Delivery System Supported by Boston Scientific Corporation

1:50 PM  Break for Rotation Transition

1:00 PM  Cerebral Embolic Protection for TAVR Supported by Boston Scientific Corporation 10 Minute Rotation

1:00 PM  Transcatheter Aortic Valve Session: Understanding Evolut TAVR Platform Supported by Medtronic 10 Minute Rotation
1:00 PM Transcatheter Aortic Valve Session: Understanding Sapien 3 Valve Supported by Edwards Lifesciences 10 Minute Rotation
1:00 PM Transcatheter Pulmonary Valve Session: Understanding Melody TPV System Supported by Medtronic
1:00 PM Left Atrial Appendage Closure Session: Understanding Watchman LAA Device and Delivery System Supported by Boston Scientific Corporation
2:50 PM Break for Rotation Transition

FDA TOWN HALL MEETING PART 1: IMPORTANT PROGRAMS

SATURDAY, SEPTEMBER 22, 2018
2:00 PM - 6:00 PM
Room 29A-B, Upper Level

2:00 PM - 2:50 PM
Session I. Twenty Years of Town Hall Open Dialogue Between FDA, Clinicians Researchers, and Industry
Moderators: Mitchell W. Krucoff, Gregg W. Stone

2:00 PM The TCT FDA Town Hall Meetings in Perspective: A Multidisciplinary Collaborative Venture
Lecturers: Martin B. Leon

2:05 PM Keynote Lecture: FDACDRH The Year in Review
Lecturers: William H. Maisel

2:50 PM - 3:50 PM
Session II. Patient Engagement in Clinical Trials: Strides and Tribulations
Moderators: Megan Coylewright
Discussants: Lori M Ashby, Wayne B. Batchelor, Cynthia Chauhan, Mona Fiuza, Richard Lange, John C Laschinger, Manuela Negoita, Christopher O'Connor, Cheryl Pegus, John A. Spertus

2:50 PM FDAs Patient Engagement Initiatives: How FDA Can Incorporate Patient Centered and Patient Reported Outcomes in Regulatory Decision Making
Lecturers: John C Laschinger

2:58 PM Patient Centered Engagement in Trials: Case Example ADAPTABLE

3:06 PM 1 Patient Perspectives
Lecturers: Cynthia Chauhan

3:14 PM 2 Clinician Perspectives
Lecturers: Megan Coylewright

3:22 PM 3 CMS Perspectives
Lecturers: Lori M Ashby

3:30 PM Roundtable Discussion with Audience QA

3:50 PM - 5:00 PM
Session III: Evaluation and Regulation of Devices Using Machine Learning and Artificial Intelligence
Moderators: C. Michael Gibson, William H. Maisel
Discussants: Mohua Choudhury, Peter J. Fitzgerald, Richard E. Kuntz, Ian T. Meredith, James K. Min, Peter P. Monteleone, Christopher O'Connor, Campbell Rogers, Bram D. Zuckerman

3:50 PM Keynote Lecture: The Potential Impact of Machine Learning Artificial Intelligence on Cardiovascular Medical Device Development
Lecturers: Peter J. Fitzgerald

4:00 PM FDA Perspectives
Lecturers: Mohua Choudhury

4:08 PM Clinician ScientistTriallist Perspective

4:16 PM Industry Perspective
Lecturers: Richard E. Kuntz

4:24 PM Patient Perspective
Lecturers: Cynthia Chauhan

4:32 PM Roundtable Discussion with Audience QA

5:00 PM - 6:00 PM
Session IV. Device Innovation: Early Feasibility Studies, EFS Network, and Beyond

Moderators: Andrew Farb, Martin B. Leon
Discussants: Lori M Ashby, Lauren S. Baker, Rick Geoffrion, Juan F. Granada, David R. Holmes Jr., Michael J. Mack, Liz McDermott, Sean Salmon, Jaime Walkowiak, Changfu Wu

5:00 PM  The US EFS Program: FDA Update
Lecturers: Andrew Farb

5:08 PM  The Second Generation Cardiovascular EFS Pilot: Progress Report
Lecturers: David R. Holmes Jr.

5:18 PM  Promoting Medical Device Innovation: MDIC Perspectives
Lecturers: Liz McDermott

5:26 PM  EFS Decisions: Start up Company Considerations
Lecturers: Beverly A Huss

5:34 PM  EFS Experiences From the Industry Client Perspective: What’s Good and What Needs to Change
Lecturers: Donald E. Bobo Jr

5:42 PM  Roundtable Discussion with Audience QA
## BREAKFAST PROGRAM: ADVANCES IN SFA INTERVENTION - A CASE BASED REVIEW (SPONSORED BY CRF, SUPPORTED BY ABBOTT, BOSTON SCIENTIFIC CORPORATION, AND MEDTRONIC)

### SUNDAY, SEPTEMBER 23, 2018

6:30 AM - 8:00 AM  
Room 27A-B, Upper Level

<table>
<thead>
<tr>
<th>Time</th>
<th>Event Description</th>
<th>Speakers</th>
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<tr>
<td>6:30 AM</td>
<td>Check-in &amp; Breakfast</td>
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<tr>
<td>7:00 AM</td>
<td>CTO Crossing: Alternate Access or Alternate Devices</td>
<td>Arthur C. Lee</td>
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<tr>
<td>7:10 AM</td>
<td>Panel Discussion: Lesion Crossing Challenges</td>
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<tr>
<td>7:20 AM</td>
<td>Lesion Preparation in SFA Intervention: To Cut Spin Vaporize or Not</td>
<td>Ehrin J. Armstrong</td>
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<tr>
<td>7:30 AM</td>
<td>Drug Coated Balloons: Whats the Secret Sauce</td>
<td>Mehdi H. Shishehbor</td>
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<td>7:40 AM</td>
<td>Stents for the SFA: Is a Stent Just a Stent</td>
<td>Sahil A. Parikh</td>
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<td>7:50 AM</td>
<td>Panel Discussion: Whats My SFA Treatment Algorithm</td>
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<td>8:00 AM</td>
<td>Adjourn</td>
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## BREAKFAST PROGRAM: ANTITHROMBOTIC MANAGEMENT IN TAVR WITH ATRIAL FIBRILLATION (ORGANIZED BY CRF, SPONSORED BY DAICHI SANKYO, INC.)

### SUNDAY, SEPTEMBER 23, 2018

6:30 AM - 8:00 AM  
Room 26A-B, Upper Level

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<tr>
<th>Time</th>
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<th>Speakers</th>
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<tr>
<td>6:30 AM</td>
<td>Check-In &amp; Breakfast</td>
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<tr>
<td>7:00 AM</td>
<td>Antithrombotic Management in TAVR With Atrial Fibrillation</td>
<td>George D. Dangas, Nicolas M. Van Mieghem</td>
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<tr>
<td>7:10 AM</td>
<td>Atrial Fibrillation AF in TAVR: Not Just an Innocent Bystander</td>
<td>Nicolas M. Van Mieghem</td>
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<td>7:20 AM</td>
<td>Warfarin Therapy in TAVR Patients with AF</td>
<td>Josep Rodés-Cabau, Robert C. Welsh</td>
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<td>7:30 AM</td>
<td>The DOAC Landscape in Perspective: Nuances and Subtleties</td>
<td>Robert C. Welsh</td>
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<td>7:40 AM</td>
<td>What is the Rationale for DOAC in TAVR With AF</td>
<td>George D. Dangas</td>
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<tr>
<td>7:50 AM</td>
<td>Leaflet Thrombosis After AVR: Is DOAC the Answer</td>
<td>Raj Makkar</td>
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<td>8:00 AM</td>
<td>Adjourn</td>
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BREAKFAST PROGRAM: A VIRTUAL REALITY IN PRACTICE VIEW - MAXIMIZING CLINICAL BENEFIT THROUGH OPTIMAL LDL-C REDUCTIONS IN PATIENTS WITH ATHEROSCLEROTIC DISEASE (SPONSORED BY MED LEARNING GROUP, SUPPORTED BY SANOFI US)

SUNDAY, SEPTEMBER 23, 2018
6:30 AM - 8:00 AM
Room 30D-E, Upper Level

6:30 AM - 8:00 AM
A Virtual Reality in Practice View: Maximizing Clinical Benefit Through Optimal LDL-C Reductions in Patients With Atherosclerotic Disease
Co Chairs: Harold E Bays, Deepak L. Bhatt

- 6:30 AM Check in and Breakfast
- 7:00 AM Pathogenesis of Atherosclerotic Cardiovascular Disease
- 7:10 AM Hypercholesterolemia Management in the Post ACS Patient
- 7:20 AM PCSK9 Inhibitors Efficacy Safety and Mechanism of Action in the ACS Patient
- 7:30 AM Medical Economics of PCSK9 Inhibition in the ACS Patient
- 7:40 AM Clinical Case Studies
- 7:50 AM Conclusions and Questions Answers
- 8:00 AM Adjourn

BREAKFAST PROGRAM: MANAGEMENT OF COMPLEX PCI PATIENTS: AWARD WINNING CASE PRESENTATIONS (ORGANIZED BY CRF, SPONSORED BY ABIOMED, INC.)

SUNDAY, SEPTEMBER 23, 2018
6:30 AM - 8:00 AM
Room 238-C, Upper Level

6:30 AM - 8:00 AM
Management of Complex PCI Patients: Award Winning Case Presentations
Chairs: Theodore L. Schreiber, MD
Panel Discussant: George D. Dangas, Amir Kaki, David Wohns, MD
Faculty: Ali Farooq, Hirofumi Ohtani, Abhishek Sharma

- 6:30 AM Check in Breakfast
- 7:00 AM Use of Impella Ventricular Assist Device In Massive Pulmonary Embolism Associated Cardiogenic Shock
  Lecturers: Ali Farooq
- 7:15 AM QA
- 7:20 AM Successful Impella CP Device Use For High Risk Unprotected Left Main Percutaneous Coronary Intervention In a Patient With Acute Myocardial Infarction With Severe Aortic Regurgitation
  Lecturers: Hirofumi Ohtani
- 7:35 AM QA
- 7:40 AM High Risk PCI With Axillary Impella Support
  Lecturers: Abhishek Sharma
- 7:55 AM QA
- 8:00 AM Adjourn

BREAKFAST PROGRAM: NEW FRONTIERS IN ROBOTIC INTERVENTIONS: CURRENT & FUTURE TECHNOLOGY (SPONSORED BY CORINDUS VASCULAR ROBOTICS)

SUNDAY, SEPTEMBER 23, 2018
6:30 AM - 8:00 AM
Room 318-C, Upper Level
6:30 AM - 8:00 AM
New Frontiers in Robotic Interventions: Current & Future Technology
Faculty: J. Aaron Grantham, Mitchell W. Krucoff, Ryan D. Madder, Ehtisham Mahmud, Manish A. Parikh

6:30 AM Check in and Breakfast
7:00 AM Welcome Introduction
   Lecturers: J. Aaron Grantham
7:05 AM New Clinical Evidence in Robotic Interventions
   Lecturers: Ehtisham Mahmud
7:15 AM Robotics for Complex PCI: A Case Series
   Lecturers: Manish A. Parikh
7:25 AM The 1st Remote PCI from 100 Miles Away
   Lecturers: Ryan D. Madder
7:40 AM Building the Next Generation Robot
   Lecturers: Mitchell W. Krucoff
7:50 AM QA w Moderator
   Lecturers: J. Aaron Grantham
8:00 AM Adjourn

BREAKFAST PROGRAM: PFO CLOSURE FOR CRYPTOGENIC STROKE RISK REDUCTION: LATEST CLINICAL DATA, BEST IMAGING PRACTICES AND REAL-WORLD CASES (SPONSORED BY ABBOTT)

SUNDAY, SEPTEMBER 23, 2018
6:30 AM - 8:00 AM
Room 28A-B, Upper Level

6:30 AM - 8:00 AM
PFO Closure for Cryptogenic Stroke Risk Reduction: Latest Clinical Data, Best Imaging Practices and Real-World Cases
Faculty: John D. Carroll, Vaikom Subra Mahadevan, MD, David E. Thaler

6:30 AM Check in Breakfast
7:00 AM Welcome
   Lecturers: John D. Carroll
7:05 AM The Latest Clinical Data: Updated PFO Closure for Cryptogenic Stroke Clinical Trial Review and Guidelines
   Lecturers: David E. Thaler
7:20 AM PFO Closure: Imaging Best Practices and Real World Case Studies
   Lecturers: Vaikom Subra Mahadevan, MD
7:35 AM What Is a PFO Clinic and How Does It Work To Grow Your Practice
   Lecturers: John D. Carroll
7:50 AM Closing Remarks
   Lecturers: John D. Carroll
8:00 AM Adjourn

BREAKFAST PROGRAM: TAVR SHIFT TO INTERMEDIATE RISK PATIENTS: PRACTICAL CONSIDERATIONS FOR THE HEART TEAM AND HOSPITALS (ORGANIZED BY CRF, SPONSORED BY MEDTRONIC)

SUNDAY, SEPTEMBER 23, 2018
6:30 AM - 8:00 AM
Room 25A-B, Upper Level

6:30 AM - 7:00 AM
Check-In & Breakfast

7:00 AM - 8:00 AM
TAVR Shift to Intermediate Risk Patients: Practical Considerations for the Heart
Chairs: Michael J. Reardon
Faculty: Danny Dvir, Hemal Gada, James B. Hermiller Jr, Didier Tchetche

7:00 AM Hemodynamics: From Lower Gradients to Less Leaflet Immobility: Why Should You Care
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<tr>
<td>7:10 AM</td>
<td>Learnings That are Applicable to ALL Centers on Procedural Efficiency</td>
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<td>Lecturers: Didier Tchetche</td>
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<td>7:20 AM</td>
<td>Post TAVR PCI: What Does the Data Say and What Have We Learned</td>
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<td>Lecturers: James B. Hermiller Jr</td>
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<td>7:30 AM</td>
<td>Single Digit Pacemaker Implantation Rates How I Achieve Them in My Center</td>
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<td>Lecturers: Hemal Gada</td>
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<tr>
<td>7:40 AM</td>
<td>TAVR in Bicuspid Valves</td>
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<td>Lecturers: Didier Tchetche</td>
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<td>7:50 AM</td>
<td>Discussion</td>
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**BREAKFAST PROGRAM: THE NEXT GEN CATH LAB ADDRESSING CRITICAL ISSUES IN 2019 AND BEYOND (SPONSORED BY ACIST)**

**SUNDAY, SEPTEMBER 23, 2018**

6:30 AM - 8:00 AM
Room 28D-E, Upper Level

6:30 AM - 8:00 AM
**The Next Gen Cath Lab** Addressing Critical Issues in 2019 and Beyond

**Chairs:** Morton J. Kern

**Faculty:** Jeff Chambers, Robert F. Wilson, MD

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<tr>
<td>6:30 AM</td>
<td>Check in Breakfast</td>
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<tr>
<td>7:00 AM</td>
<td>Welcome</td>
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<td>Lecturers: Morton J. Kern</td>
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<tr>
<td>7:15 AM</td>
<td>Contrast Media Toxicity Limiting the Effects of AKI through Volume Control</td>
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<td>Lecturers: Jeff Chambers</td>
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<td>7:25 AM</td>
<td>Reducing Radiation Exposure for the Entire Heart Team</td>
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<td>Lecturers: Robert F. Wilson, MD</td>
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<tr>
<td>7:40 AM</td>
<td>Improving CAD Assessment in the Cath Lab: Sensor and Angiographically Based FFR and Translesional Physiology</td>
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<td>Lecturers: Morton J. Kern</td>
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<tr>
<td>7:55 AM</td>
<td>Wrap up QA</td>
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<td>Lecturers: Morton J. Kern</td>
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<tr>
<td>8:00 AM</td>
<td>Adjourn</td>
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**BREAKFAST PROGRAM: OPTIMIZATION OF VESSEL ACCESS AND CLOSURE IN LARGE BORE CATHETER PROCEDURES (SPONSORED BY CRF, SUPPORTED BY ...)**

**SUNDAY, SEPTEMBER 23, 2018**

6:45 AM - 8:00 AM
Room 32A-B, Upper Level

6:45 AM - 7:00 AM
**Check-In & Breakfast**

7:00 AM - 8:00 AM
**Optimization of Vessel Access and Closure in Large Bore Catheter Procedures: Tips and Tricks Case-Based Review**

**Co-Chairs:** Philippe Genereux, Martin B. Leon

**Faculty:** Amir Kaki, James M. McCabe, Michael J. Rinaldi, Rajiv Toyal, David A. Wood

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<tr>
<td>7:00 AM</td>
<td>Introduction</td>
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<td>Lecturers: Martin B. Leon</td>
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<tr>
<td>7:02 AM</td>
<td>Getting Optimal Arterial and Venous Access for Large Bore Catheter Procedures</td>
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<td>Lecturers: Michael J. Rinaldi</td>
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<tr>
<td>7:12 AM</td>
<td>Large Bore Vessel Closure Management: Tips and Tricks and Adjunctive Techniques</td>
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<td>Lecturers: Amir Kaki</td>
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<td>7:22 AM</td>
<td>Access and Closure for Alternative Access: Focus on Percutaneous Transaxillary Approach</td>
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<td>Lecturers: James M. McCabe</td>
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7:32 AM  Real Time Bleed Detection: Novel Saranas Early Bird Bleed Monitoring
Lecturers: Philippe Genereux

7:42 AM  Upcoming Closure Device System Dedicated to Large Bore Procedure
Lecturers: David A. Wood

7:52 AM  Discussion and Conclusion

8:00 AM  Adjourn

MAIN ARENA II, SUNDAY, SEPT. 23

SUNDAY, SEPTEMBER 23, 2018
8:00 AM - 1:00 PM
Main Arena, Hall F, Ground Level

8:00 AM - 9:30 AM
Live Cases #3
Live Case Moderators: Gregg W. Stone
Live Case Co Moderators: Alain G. Cribier
Live Case Discussants: Peter C. Block, Isaac George, Rebecca T. Hahn, James B. Hermiller Jr, Howard C. Herrmann, Eric Horlick, Ruediger S. Lange, Raj Makkar, Doff B. McElhinney, Wilson Y. Szeto

Factoid Faculty: Christine J. Chung, Amirali Masoumi, Megha Prasad, Sabato Sorrentino, Eisuke Usui

8:00 AM  Erasmus Medical Center Rotterdam Netherlands
Live Case Operators: Nicolas M. Van Mieghem
Live Case Guest Operators: Didier Tchetche

8:45 AM  Henry Ford Hospital Detroit MI
Live Case Operators: Khaldoon Alaswad, Tiberio Frisoli, William W. O'Neill

9:30 AM - 11:15 AM
Rapid Fire Case Controversies: Structural
Moderators: Vinayak Bapat, Susheel K. Kodali
Discussants: Philippe Genereux, Martin B. Leon, Scott Lim, Michael J. Mack, Raj Makkar, Patrick T. O'Gara, Michael J. Reardon, Allan Schwartz

9:30 AM  Low Surgical Risk Aortic Stenosis In The Us: The Patient Really Wants TAVR
Case Presenter: Mathew Williams

9:40 AM  Bicuspid Aortic Stenosis: How To Treat
Case Presenter: Ran Kornowski

9:50 AM  Secondary Mitral Regurgitation With Severely Reduced LVEF
Case Presenter: Saibal Kar

10:00 AM - 10:15 AM
TCT 2018 Career Achievement Award
Moderators: Martin B. Leon, Gregg W. Stone
Award Recipients: Bram D. Zuckerman

10:15 AM - 11:15 AM
Late-Breaking Trials 3, Sponsored by JAMA
Moderators: Martin B. Leon
Co Moderator: Robert O. Bonow, Eric D. Peterson
Discussants: Stefan Anker, Stephan Baldus, Blase A. Carabello, Scott Lim, Michael J. Mack, Jean-Francois Obadia, Michael J. Reardon, Joachim Schofer

10:15 AM  COAPT: A Randomized Trial of Transcatheter Mitral Valve Leaflet Approximation in Patients With Heart Failure and Secondary Mitral Regurgitation
Lecturers: Gregg W. Stone

10:27 AM  Roundtable Discussion

10:35 AM  REDUCE FMR: A Sham Controlled Randomized Trial of Transcatheter Mitral Valve Indirect Annuloplasty in Patients With Heart Failure and Secondary Mitral Regurgitation
Lecturers: Horst Sievert

10:47 AM  Roundtable Discussion

10:55 AM  SOLVE TAVI: A 2x2 Randomized Trial of Self Expandable vs Balloon Expandable Valves and General vs Local Anesthesia in Patients Undergoing Transcatheter Aortic Valve Implantation
Lecturers: Holger Thiele
11:15 AM - 12:00 PM
Live Case #4
Live Case Moderators: Sahil A. Parikh
Live Case Co Moderators: Michael R. Jaff
Live Case Discussants: Somjot S. Brar, Tony Das, Brian G. DeRubertis, Lawrence A. Garcia, Vishal Kapur, Robert A. Lookstein, Oscar A. Mendiz, Aman B. Patel, Virendra I Patel, James P. Zidar
Factoid Faculty: Christine J. Chung, Amirali Masoumi, Megha Prasad, Sabato Sorrentino, Eisuke Usui

11:15 AM  Wellmont Holston Valley Hospital Kingsport TN
Live Case Operators: Mark Aziz, D. Christopher Metzger, Rahul Sakhija

12:00 PM - 1:00 PM
Late-Breaking Clinical Science 1, Co-Sponsored by The Journal of The American College of Cardiology
Moderators: Valentin Fuster
Co Moderator: Jaya Chandrasekhar, Habib Samady, Stephan Windecker
Discussants: Mauricio G. Cohen, Carlo Di Mario, Mayra Guerrero, Rebecca T. Hahn, David Hildick-Smith, Karl-Heinz Kuck, Irene M. Lang, Alex M. K. Rothman

12:00 PM  PADN 5: A Randomized Trial of Pulmonary Artery Denervation in Patients With Combined Pre and Postcapillary Pulmonary Hypertension
Lecturers: Shao-Liang Chen

12:10 PM  Roundtable Discussion

12:15 PM  PARTNER VALVE IN VALVE: Late Follow up After Treatment of Failing Surgical Aortic Bioprosthetic Valves With a Balloon Expandable Transcatheter Heart Valve
Lecturers: John G. Webb

12:25 PM  Roundtable Discussion

12:30 PM  Prosthesis Patient Mismatch: Incidence Predictors and Outcome of Prosthesis Patient Mismatch After Transcatheter Aortic Valve Replacement
Lecturers: Howard C. Herrmann

12:40 PM  Roundtable Discussion

12:45 PM  TRIVALVE: Evaluation of Edge to Edge Valve Repair for Symptomatic TricuspidRegurgitation
Lecturers: Jörg Hausleiter

12:55 PM  Roundtable Discussion

LIVE CASE THEATER III, SUNDAY, SEPTEMBER 23

SUNDAY, SEPTEMBER 23, 2018
8:00 AM - 12:00 PM
Ballroom 20, Upper Level

8:00 AM - 10:00 AM
Session I. Live Cases: Imaging/Chip
Live Case Moderators: Marie-Claude Morice
Live Case Co Moderators: William F. Fearon
Factoid Faculty: Matthew T Finn, Paul Guedeney, Amirali Masoumi, Masahiko Naguchi, Evan Shlofmitz

8:00 AM  University of California San Diego
Live Case Operators: Ang Lawrence, Ehtisham Mahmud, Mitul Patel, Ryan Reeves

9:00 AM  Scripps Clinic and Research Foundation La Jolla California
Live Case Operators: Matthew J. Price, Paul S. Teirstein

10:00 AM - 12:00 PM
Session II. Live Cases: SHD
Live Case Moderators: Jeffrey J. Popma
Live Case Co Moderators: John G. Webb
Factoid Faculty: Matthew T Finn, Paul Guedeney, Amirali Masoumi, Masahiko Naguchi, Evan Shlofmitz

10:00 AM  McGill University Health Center Montreal Canada
Live Case Operators: Giuseppe Martucci, Nicolo Piazza, Marco Spaziano

11:00 AM  Erasmus Medical Center Rotterdam Netherlands
Live Case Operators: Nicolas M. Van Mieghem
Live Case Guest Operators: Didier Tchetche
LIVE CASE THEATER IV, SUNDAY, SEPTEMBER 23

SUNDAY, SEPTEMBER 23, 2018
2:00 PM - 6:00 PM
Ballroom 20, Upper Level

2:00 PM - 4:00 PM
Session I. Live Cases: CHIP/CTO
Live Case Moderators: Antonio Colombo
Live Case Co Moderators: Masahiko Ochiai
Live Case Discussants: Mauro Carlino, Sanjog Kalra, Margaret B. McIntegart, Toshiya Muramatsu, Masato Nakamura, William Nicholson, Adam C. Salisbury, Georgios Sianos, Etsuo Tsuchikane, Gerald S. Werner
Factoid Faculty: Christine J. Chung, Amirali Masoumi, Evan Shlofmitz, Sabato Sorrentino, Eisuke Usui

2:00 PM
Henry Ford Hospital Detroit MI
Live Case Operators: Khaldoon Alaswad, William W. O'Neill
Lecturers: Tiberio Frisoli

3:00 PM
McGill University Health Center Montreal Canada
Live Case Operators: Stéphane Rinfret
Lecturers: Sonny Dandona

4:00 PM - 6:00 PM
Session II. Live Cases: ENDO
Live Case Moderators: Ehrin J. Armstrong
Live Case Co Moderators: Tony Das
Live Case Discussants: Herbert D. Aronow, Mark C. Bates, Jacques Busquet, Philip Green, Duane S. Pinto, Robert D. Safian, Luigi Salemme, Christopher J. White, James P. Zidar
Factoid Faculty: Christine J. Chung, Amirali Masoumi, Evan Shlofmitz, Sabato Sorrentino, Eisuke Usui

4:00 PM
Wellmont Holston Valley Hospital Kingsport TN
Live Case Operators: Mark Aziz, D. Christopher Metzger, Rahul Sakhuja

5:00 PM
Scripps Clinic and Research Foundation La Jolla California
Live Case Operators: Curtiss T. Stinis

KEYNOTE INTERVENTIONAL STUDIES IV: DRUG-ELUTING STENTS, BIORESORBABLE SCAFFOLDS, AND DRUG-COATED BALLOONS I

SUNDAY, SEPTEMBER 23, 2018
8:00 AM - 9:00 AM
Ballroom 6A, Upper Level

8:00 AM - 9:00 AM
Keynote Interventional Studies IV: Drug-Eluting Stents, Bioresorbable Scaffolds, and Drug-Coated Balloons I
Moderators: Michael Haude, Robert-Jan van Geuns

8:00 AM
RENA SCENT III: Nine Month Clinical and Imaging Outcomes With a Thin Strut 98 micrometer Bioresorbable Coronary Scaffold
Lecturers: Antonio Colombo

8:10 AM
Discussion

8:15 AM
BIOSOLVE IV: Twelve Month Outcomes With a Resorbable Magnesium Scaffold in a Real world Setting
Lecturers: Michael Kang-Yin Lee

8:25 AM
Discussion

8:30 AM
NEOVAS: Three Year OCT and FFR Results From a Randomized Trial Evaluating a Polymeric Bioresorbable Scaffold
Lecturers: Bo Xu

8:40 AM
Discussion

8:45 AM
I LOVE IT 2: Five Year Results From a Randomized Trial of Biodegradable Polymer Based and Durable Polymer Based Drug Eluting Stents
Lecturers: Yaling Han

8:55 AM
Discussion

KEYNOTE INTERVENTIONAL STUDIES V: DRUG-ELUTING STENTS, BIORESORBABLE SCAFFOLDS, AND DRUG-COATED BALLOONS II
**Keynote Interventional Studies V: Drug-Eluting Stents, Bioresorbable Scaffolds, and Drug-Coated Balloons II**

**Moderators:** Fernando Alfonso, Juan F. Granada

**Discussants:** Alaide Chieffo, Kenneth Chin, Alok V. Finn, Michael Joner, Elvin Kedhi, Henning Kelbaek, Verghese Mathew, Jorge F. Saucedo

- **9:00 AM**  **BIOFLOW V: Two Year Results of a Randomized Trial Evaluating an Ultra Thin Strut Bioresorbable Polymer Based Drug Eluting Stent**  
  **Lecturers:** David E. Kandzari

- **9:10 AM**  **Discussion**

- **9:15 AM**  **RESTORE ISR China: A Randomized Trial of Two Different Drug Coated Balloons for Treatment of In Stent Restenosis After Drug Eluting Stent Implantation**  
  **Lecturers:** YunDai Chen

- **9:25 AM**  **Discussion**

- **9:30 AM**  **RESTORE SVD China: Randomized Trial of Drug Coated Balloons vs Drug Eluting Stents for Treatment of Small Vessel Disease**  
  **Lecturers:** Runlin Gao

- **9:40 AM**  **Discussion**

- **9:45 AM**  **PEPCAD NSTEMI: A Randomized Trial Evaluating a Drug Coated Balloon in Patients With Non ST Segment Elevation Myocardial Infarction**  
  **Lecturers:** Bruno Scheller

- **9:55 AM**  **Discussion**

**KEYNOTE INTERVENTIONAL STUDIES VI: STRUCTURAL HEART INTERVENTIONS I**

**SUNDAY, SEPTEMBER 23, 2018**

12:45 PM - 2:00 PM

**Ballroom 6A, Upper Level**

- **12:45 PM**  **SURTAVI: Two Year Complete Results From a Randomized Trial of a Self Expanding Transcatheter Heart Valve vs Surgical Aortic Valve Replacement in Patients With Severe Aortic Stenosis at Intermediate Surgical Risk**  
  **Lecturers:** Jeffrey J. Popma

- **12:55 PM**  **Discussion**

- **1:00 PM**  **CENTER Collaboration I: Nonrandomized Comparison of Transcatheter Aortic Valve Implantation With Balloon Expandable Valves vs Self Expandable Valves**  
  **Lecturers:** Wieneke Vlastra

- **1:10 PM**  **Discussion**

- **1:15 PM**  **OBSERVANT: Five Year Outcomes After Transcatheter or Surgical Aortic Valve Replacement in a Low Intermediate Risk Real world Population**  
  **Lecturers:** Marco Barbanti

- **1:25 PM**  **Discussion**

- **1:30 PM**  **TAVILAAO: A Randomized Trial of Left Atrial Appendage Occlusion vs Standard Medical Therapy in Patients With Atrial Fibrillation Undergoing Transcatheter Aortic Valve Implantation**  
  **Lecturers:** Fabian Nietlispach

- **1:40 PM**  **Discussion**

- **1:45 PM**  **EWOLUTION: Two Year Efficacy of Left Atrial Appendage Closure in High Risk Patients Single Antiplatelet No Therapy Subgroup Analysis**  
  **Lecturers:** Martin W. Bergmann

- **1:55 PM**  **Discussion**

**DIDACTIC SESSION: INTRAVASCULAR IMAGING - STENT GUIDANCE AND VULNERABLE PLAQUE ASSESSMENT AND MANAGEMENT**

**SUNDAY, SEPTEMBER 23, 2018**

8:00 AM - 12:00 PM
Session I. Vulnerable Plaque and Culprit Lesion Imaging
Moderators: James E. Muller, Patrick W. Serruys
Discussants: Takashi Akasaka, David Erlinge, Hector M. Garcia-Garcia, Peter H. Stone, Guillermo Tearney, Ron Waksman

8:00 AM Intravascular Imaging and Culprit Lesion Assessment in ACS: Potential Impact on PCI Strategies and Patient Management
Lecturers: Haibo Jia

8:10 AM Vulnerable Plaque Non Invasive Imaging: The Emerging Role for CTA
Lecturers: James K. Min

8:20 AM Vulnerable Plaque Invasive Imaging: Contrasting the Different Alternatives Theory and Data
Lecturers: Yoshinobu Onuma

8:32 AM The Latest on Plaque Profiling and Shear Stress Imaging
Lecturers: Peter H. Stone

8:40 AM Rationale Imaging Insights and Outcomes of Stent and Scaffold Vulnerable Plaque Treatment
Lecturers: Salvatore Brugaletta

8:50 AM Case 1 Spontaneous Coronary Dissection: To Stent or Not to Stent
Case Presenter: Ning Guo

8:57 AM Case 2 Is it a Plaque Erosion or a Plaque Rupture and How to Treat
Case Presenter: Takashi Kubo

9:04 AM Case 3 Vulnerable Plaque and Peri Procedural Myocardial Infarction: I Should Have Used Protection
Case Presenter: Emmanouil S. Brilakis

9:11 AM Case 4 A Patient With a Vulnerable Plaque Who Developed a Late Event
Case Presenter: Ryan D. Madder

9:18 AM Roundtable Discussion With Audience QA

9:30 AM - 10:12 AM
Session II. Pre-Intervention Lesion Assessment
Moderators: Javier Escaned, Gary S. Mintz
Discussants: Justin E. Davies, Allen Jeremias, Massoud A. Leesar, Mina Madan, Richard Shlofmitz, Mladen I. Vidovich

9:30 AM Intravascular Imaging to Assess LMCA Stenosis Severity: Comparison With FFR
Lecturers: Jose M. de la Torre Hernandez

9:40 AM Is it Reasonable to Use Intravascular Imaging to Access Non LMCA Stenosis Severity Instead of FFR
Lecturers: Evelyn S. Regar

9:50 AM IVUS and/or OCT in the Assessment of Coronary Calcification and Guidance of Plaque Modification Strategies
Lecturers: Akiko Maebara

10:00 AM Roundtable Discussion With Audience QA

10:12 AM - 11:15 AM
Session III. Optimizing Stent Implantation
Moderators: Akiko Maebara, Evelyn S. Regar
Discussants: Ning Guo, Takashi Kubo, Seung-Jung Park, Francesco Prati, Matthew J. Price

10:12 AM Intravascular Imaging to Size and Optimize Stent Implantation: A Step by Step Algorithm
Lecturers: Ziad A. Ali

10:27 AM Case 5 Zero Contrast PCI: How We Do It
Case Presenter: Jeffrey W. Moses

10:34 AM Step by Step Algorithm for Decision making During CTO PCI Using Intravascular Imaging
Lecturers: Alfredo R. Galassi

10:48 AM Case 6 CTO in Which IVUS Made the Difference Between Success and Failure
Case Presenter: Lei Ge

10:56 AM Case 7 Intravascular Imaging and Angiography Co Registration and PCI Guidance
Case Presenter: Richard Shlofmitz

11:03 AM Roundtable Discussion With Audience QA

11:15 AM - 12:00 PM
Session IV. Imaging Assessment of Stent Failure
Moderators: Fernando Alfonso, Hiram G. Bezerra
Discussants: Daniel Chamie, Lisette Okkels Jensen, Michael Ioner, Gary S. Mintz, Lorenz Raber, Andrew Sharp

11:15 AM Intravascular Imaging to Evaluate Stent Thrombosis and Restenosis
Lecturers: Lorenz Raber

11:30 AM Case 8: Very Late Stent Thrombosis
Case Presenter: Jose de Ribamar Costa Jr

11:37 AM Case 9: Under Expanded Stent with ISR Treated by Laser Atherectomy or Lithotripsy
Case Presenter: Jonathan M. Hill

11:44 AM Roundtable Discussion With Audience QA

11:55 AM Final Thoughts and Take home Messages
Lecturers: Gary S. Mintz

DIDACTIC SESSION: THE LEFT MAIN AND BIFURCATION SUMMIT, PART 1

SUNDAY, SEPTEMBER 23, 2018
8:00 AM - 12:03 PM
Room 5, Upper Level

8:00 AM - 9:08 AM
Session I. Bifurcation Technique Introduction
Moderators: Bernard R. Chevalier, David Hildick-Smith
Discussants: Ran Kornowski, Ahmed Magdy, Detlef G. Mathey, Sunao Nakamura, Manish A. Parikh, Yuejin Yang

8:00 AM Bifurcation and Left Main Stenting Introduction: What You May Have Missed in the Last Year
Lecturers: Bimmer E. Claessen

8:10 AM Roundtable Discussion With Audience QA

8:15 AM New Bench Insights Into Optimal Bifurcation Stenting LM and Non LM
Lecturers: John A. Ormiston

8:23 AM Implications of Varied Stent Designs for Bifurcation Stenting LM and Non LM
Lecturers: Nicolas Foin

8:31 AM Roundtable Discussion With Audience QA

8:36 AM More Than a Decade of Insights From the European Bifurcation Club LM and Non LM
Lecturers: Jens Flensted Lassen

8:46 AM Roundtable Discussion With Audience QA

8:51 AM Pro: Provisional Stenting Is More Useful Today Than Ever
Lecturers: Afzalur Rahman

8:57 AM Con: The Benefits of Provisional Stenting Have Been Vastly Over Rated
Lecturers: Azeem Latib

9:03 AM Roundtable Discussion With Audience QA

9:08 AM - 10:49 AM
Session II. Bifurcation Technique Deeper Dive
Moderators: Antonio Colombo, Jean Fajadet
Discussants: Ajay J. Kirtane, Shigeru Saito, Gennaro Sardella, Terje K. Steigen, Carlos E. Uribe, David X. Zhao

9:08 AM When Should the Side Branch Be Dilated Before and After Main Branch Stenting
Lecturers: Hyeon-Cheol Gwon

9:16 AM Roundtable Discussion With Audience QA

9:19 AM Jailing and Removing Side Branch Wires: Technique and Safety
Lecturers: David Hildick-Smith

9:26 AM The Side Branch Balloon Protection Technique
Lecturers: Francesco Burzotta

9:33 AM Are Drug Eluting Balloons an Important Adjunct for Side Branch Treatment
Lecturers: Pieter R. Stella

9:41 AM Roundtable Discussion With Audience QA

9:48 AM When to POT and How to Do It
Lecturers: Adrian P. Bonning

9:55 AM The Spectrum of POT Techniques

TRANSCATHER CARDIOVASCULAR THERAPEUTICS | SUNDAY, SEPTEMBER 23, 2018
10:02 AM  Roundtable Discussion With Audience QA

10:07 AM  IVUS Guidance For Non LM Bifurcation Lesions: Rationale and Design of OCTOBER
  Lecturers: Niels R. Holm

10:15 AM  2D and 3D OCT Guidance for Non LM Bifurcation Lesions
  Lecturers: Yoshinobu Onuma

10:23 AM  Bifurcation and Ostial Optical Coherence Tomography Mapping BOOM: A New Technique
  Lecturers: Richard Shlomfmitz

10:30 AM  Roundtable Discussion With Audience QA

10:38 AM  Is There a Role for FFR or iFR Side Branch Assessment
  Lecturers: Nick Curzen

10:46 AM  Roundtable Discussion With Audience QA

10:49 AM - 12:03 PM
Session III. How to Perform: Provisional and Two-Stent Techniques
Moderators: Niels R. Holm, David E. Kandzari
Discussants: Arif Al Nooryani, Carlo Briguori, Philippe Garot, Jorge Gaspar, Ioannis Iakovou, David G. Rizik

10:49 AM  How to Perform the Provisional Approach: Tips and Tricks
  Lecturers: Leif Thuesen

10:57 AM  When a Planned Provisional Approach Requires 2 Stents: Options and Technique
  Lecturers: Alaide Chieffo

11:04 AM  When and Which Planned 2 Stent Technique for Non LM Bifurcations
  Lecturers: James B. Hermiller Jr

11:12 AM  Planned 2 Stent Technique Step by Step: How to T Modified T and TAP Stent
  Lecturers: Miroslaw Ferenc

11:19 AM  Planned 2 Stent Technique Step by Step: How to Culotte
  Lecturers: James Cockburn

11:26 AM  Planned 2 Stent Technique Step by Step: How to Crush Mini Crush and DK Crush
  Lecturers: Junjie Zhang

11:33 AM  Planned 2 Stent Technique Step by Step: How to Use Tryton
  Lecturers: Philippe Genereux

11:40 AM  Current Status of Dedicated Bifurcation Stents
  Lecturers: Robert J. Gil

11:48 AM  Roundtable Discussion With Audience QA

DIDACTIC SESSION: TRICUSPID VALVE INTERVENTIONS

SUNDAY, SEPTEMBER 23, 2018
8:00 AM - 12:00 PM
Room 6D, Upper Level

8:00 AM - 9:00 AM
Session 1. Setting the Stage  Natural History, Patho-anatomy, and Imaging Considerations
Moderators: Samir R. Kapadia, Ralph Stephan von Bardeleben
Discussants: João L. Cavalcante, Charles J. Davidson, Victoria Delgado, Omar K. Khalique, Stephen H. Little, Fabien Praz, Gilbert H.L. Tang, Yan Topilsky

8:00 AM  Tricuspid is the Forgotten Valve No More  TR Natural History Reflections and Rationale for Treatment
  Lecturers: Jeroen J. Bax

8:10 AM  One Compelling Question

8:12 AM  Patho anatomy Reference Points for Transcatheter Therapies  Why the Tricuspid Valve Complex and Right Heart are Distinctive
  Lecturers: Mark Reisman

8:22 AM  One Compelling Question

8:24 AM  Etiologies and Clinical Presentation of TR: Implications for Therapy
  Lecturers: Yan Topilsky

8:34 AM  One Compelling Question

8:36 AM  Multi modality Imaging Essentials of the Tricuspid Valve and Right Heart Echo and CT
  Lecturers: Omar K. Khalique

8:46 AM  Assessing the Severity of TR: Challenges Inconsistencies and Grading Schemes
9:00 AM - 10:00 AM
Session 2: Medical and Surgical Treatment of TR: Guidelines and Controversies
Moderators: Steven F. Bolling, Maurice E. Sarano
Discussants: Saif Anwaruddin, Stamatios Lerakis, G. Burkhard Mackensen, Jose Luis Navia, Robert L. Smith, Osama Soliman, Alfredo Trento

9:00 AM Timing and Guidelines for Medical Therapy of TR Is there a Standard Approach
Lecturers: Osama Soliman

9:08 AM One Compelling Question

9:10 AM Current Surgical Approaches and Preferences for TR Therapy
Lecturers: Alfredo Trento

9:18 AM One Compelling Question

9:20 AM Clinical Outcomes and Recurrence After Surgery for TR Can We Learn From Our Mistakes
Lecturers: Jose Luis Navia

9:28 AM One Compelling Question

9:30 AM POINT: Focus on the Annulus Size Severity Is Less Important
Lecturers: Robert L. Smith

9:36 AM COUNTERPOINT: Focus on the Severity of TR
Lecturers: Steven F. Bolling

9:42 AM OPINION: The Case for Aggressive TR Repair During Mitral Valve Surgery
Lecturers: Paolo Denti

9:48 AM Rebuttals and Discussion

9:54 AM A Curious Case of Surgical TR Repair Case Presentation Outcome and Lessons Learned
Case Presenter: Isaac George

10:00 AM - 11:30 AM
Session 3: Transcatheter Therapies for TR Promise and Pitfalls
Moderators: Azeem Latib, Francesco Maisano
Discussants: Paolo Denti, Neil P. Fam, John C Laschinger, Jose Luis Navia, Petr Neuzil, Josep Rodés-Cabau, Maurizio Taramasso

10:00 AM Current Outcomes of Transcatheter TR Therapies: Results from the International TriValve Registry
Lecturers: Maurizio Taramasso

10:08 AM One Compelling Question

11:30 AM - 12:00 PM
Session 4: Challenging TR Case Vignettes How to Treat THIS...
Moderators: Scott Lim, Mark Reisman
Discussants: Anita Asgar, Brij Maini, Jason H. Rogers, Carlos E. Ruiz, Maurice E. Sarano, Gilbert H.L. Tang, Ralph Stephan von Bardeleben

DIDACTIC SESSION: CLINICAL TRIAL DESIGN, STATISTICS AND LITERATURE INTERPRETATION – THE EVIDENCE-BASED MEDICINE EXPERT

SUNDAY, SEPTEMBER 23, 2018
2:00 PM - 6:20 PM
Room 6D, Upper Level

2:00 PM - 2:55 PM
Session I. Clinical Trial Endpoints in Context
Moderators: E. Magnus Ohman, Stuart J. Pocock
Discussants: Sripal Bangalore, Ovidiu Dressler, Sanjay Kaul, David F. Kong, David J. Maron, Pascal Vranckx, Robert W. Yeh

2:00 PM Composite Endpoints: When Are They Valid and When Should They Be Discarded
Lecturers: Sanjay Kaul

2:12 PM ISCHEMIA Trial in the Spotlight: Why All the Fuss Over the Change in the Primary Endpoint
Lecturers: David J. Maron

2:28 PM All Cause Mortality and Interpretation of Secondary Endpoints: The VEST and ODYSSEY Examples
Lecturers: Stuart J. Pocock
2:40 PM  Roundtable Discussion With Audience QA

2:55 PM - 3:50 PM  

Session II: Sham-Controlled Trials  
Moderators: Ajay J. Kirtane, Roxana Mehran  
Discussants: Rasha Al-Lamee, David J. Cohen, Bernard J. Gersh, Stuart J. Pocock, Jan G. P. Tijssen

2:55 PM  ORBITA in the Spotlight: How I Interpret ORBITA as an Interventional Cardiologist  
Lecturers: Rasha Al-Lamee

3:05 PM  ORBITA in the Spotlight: How I Would Have Done the Trial Differently  
Lecturers: Ajay J. Kirtane

3:15 PM  Sham Controlled Trials Should Be the New Gold Standard for Device Trials  
Lecturers: Bernard J. Gersh

3:25 PM  Sham Controlled Trials for Devices Are Unethical Unfeasible and Unnecessary  
Lecturers: William F. Fearon

3:35 PM  Roundtable Discussion with Audience QA

3:50 PM - 4:45 PM  

Session III: Clinical Trial Design in Context  
Moderators: Peter Juni, Robert W. Yeh  
Discussants: Eugene H. Blackstone, Schuyler Jones, Thomas C. McAndrew, Roxana Mehran, Stuart J. Pocock, Matthew T. Roe

3:50 PM  How to Make Trials Larger Simpler and Less Expensive  
Lecturers: Matthew T. Roe

4:00 PM  Most Frequent Errors I See in the Analysis and Interpretation of Trials  
Lecturers: Peter Juni

4:10 PM  Non Inferiority Trials Gone Wrong: Examples From the Recent Literature  
Lecturers: David J. Cohen

4:20 PM  Stent Trials in High Bleeding Risk Patients: What is the Level of Evidence We Need  
Lecturers: Roxana Mehran

4:30 PM  Roundtable Discussion with Audience QA

4:45 PM - 5:35 PM  

Session IV: Facts or Fake News: Adventures in Data Analysis  
Moderators: Stuart J. Pocock, Jan G. P. Tijssen  
Discussants: Deepak L. Bhatt, Eugene H. Blackstone, Ovidiu Dressler, Roseann M White, Robert W. Yeh

4:45 PM  No Role for Observational Studies in Effectiveness Comparisons: The Staged vs Culprit Only PCI for STEMI Case Study  
Lecturers: Robert W. Yeh

4:55 PM  Garbage in Garbage Out: Risks to Big Data Analysis In Interventional Cardiology  
Lecturers: Deepak L. Bhatt

5:05 PM  Is it Time to Toughen Up the P005  
Lecturers: Peter Juni

5:15 PM  Should We All Become Bayesians  
Lecturers: Stuart J. Pocock

5:25 PM  Roundtable Discussion with Audience QA

5:35 PM - 6:20 PM  

Session V: ACC and ESC 2018 Late Breaking Trials: Critiques and Potential Impact on Clinical Practice  
Moderators: Deepak L. Bhatt, Gregg W. Stone  
Discussants: Otavio Berwanger, Peter Juni, Sanjay Kaul, E. Magnus Ohman, Stuart J. Pocock

5:35 PM  ACC 2018 Late Breaking Trial 1 ODYSSEY Outcomes: What I Liked and What I Question  
Case Presenter: John A. Bittl

5:40 PM  Roundtable Discussion With Audience QA

5:45 PM  ACC 2018 Late Breaking Trial 2 COMPASS : What I Liked and What I Question  
Lecturers: Kurt Huber

5:50 PM  Roundtable Discussion with Audience QA

5:55 PM  ESC 2018 Late Breaking Trial 1 Global Leaders: What I Liked and What I Question  
Lecturers: Giuseppe Biondi-Zoccai

6:00 PM  Roundtable Discussion With Audience QA
**DIDACTIC SESSION: PCI PHARMACOTHERAPY - PROCEDURAL ANTITHROMBINS AND ACUTE/CHRONIC DAPT**

**SUNDAY, SEPTEMBER 23, 2018**

2:00 PM - 6:00 PM  
Room 2, Upper Level

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**2:00 PM - 3:30 PM**  
**Session I. PCI Pharmacotherapy: Periprocedural Antithrombotic and Antiplatelet Therapy**  
Moderators: John A. Bittl, C. Michael Gibson  
Discussants: Jose Diez, David Erlinge, Dmitry N. Feldman, Hitinder S. Gurm, Zuzana Motovska, Matthew T. Roe, Daniel I. Simon

- **2:00 PM**  
  Featured Lecture: Does the Polypill Enhance Drug Adherence and Improve Cardiovascular Outcomes  
  Lecturers: Valentin Fuster

- **2:10 PM**  
  Roundtable Discussion

- **2:15 PM**  
  Benefits of Pretreatment With Dual Antiplatelet Therapy Prior to PCI in Stable CAD and ACS: Myth or Reality  
  Lecturers: Giuseppe Tarantini

- **2:23 PM**  
  Switching Dual Antiplatelet Therapy After PCI: Who When Why and How  
  Lecturers: Matthew J. Price

- **2:31 PM**  
  The Latest Antithrombotic Data: MATRIX at 1 Year  
  Lecturers: Stephan Windecker

- **2:39 PM**  
  The Case for Bivalirudin With Radial and Femoral Access  
  Lecturers: Carey D. Kimmelstiel

- **2:47 PM**  
  How Strong are the Pharmacodynamic Data and Clinical Evidence for Crushed Ticagrelor and Prasugrel  
  Lecturers: Dimitrios Alexopoulos

- **2:55 PM**  
  Utility of Cangrelor During PCI and Bridging Who Benefits Most  
  Lecturers: Deepak L. Bhatt

- **3:05 PM**  
  Roundtable Discussion

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**3:20 PM - 4:09 PM**  
**Session II. Optimal DAPT Duration After DES Placement**  
Moderators: Deepak L. Bhatt, Tullio Palmerini  
Discussants: Sorin J. Brener, Hyeon-Cheol Gwon, Yaling Han, Neal S. Kleiman, Huay Cheem Tan

- **3:20 PM**  
  Patient Selection for Prolonged DAPT: Risk Scores or Wise Clinical Judgement  
  Lecturers: Usman Baber

- **3:28 PM**  
  Who is the High Bleeding Risk Patient and How Should DAPT Duration Be Weighed Against Ischemic Risk  
  Lecturers: Roxana Mehran

- **3:36 PM**  
  Ultra Short DAPT 1 3 Months: For Which Patients and Stents Do We Have Evidence  
  Lecturers: Philip M. Urban

- **3:44 PM**  
  COMPASS Trial Revisited: Weighing Rivaroxaban Secondary Prevention vs DAPT After PCI  
  Lecturers: Michael Maeng

- **3:54 PM**  
  Roundtable Discussion

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**4:09 PM - 5:10 PM**  
**Session III. Antiplatelet Therapy After DES in Patients on Chronic Oral Anticoagulation**  
Moderators: Davide Capodanno, Roxana Mehran  
Discussants: Piera Capranzano, Germano Di Sciascio, John U Doherty, Kurt Huber, Michelle O'Donoghue, Giulio Stefanini

- **4:09 PM**  
  Pharmacotherapy Challenges and Possible Solutions in the PCI Patient on Chronic Oral Anticoagulation  
  Lecturers: Tullio Palmerini

- **4:19 PM**  
  Has PIONEER and REDUAL Changed My Practice What Are the Outstanding Issues  
  Lecturers: C. Michael Gibson

- **4:29 PM**  
  In 2018 When Is Warfarin Therapy Required vs Acceptable and How Should It Be Dosed After PCI  
  Lecturers: Freek W.A. Verheugt

- **4:37 PM**  
  US and ESC Guidelines and Consensus on Antithrombotic Therapy in Patients With Atrial Fibrillation Undergoing PCI  
  Lecturers: Dominick J. Angiolillo

- **4:47 PM**  
  Periprocedural Management of Anticoagulation in Patients With Nonvalvular Atrial Fibrillation
Lecturers: John U Doherty

4:55 PM Roundtable Discussion

5:10 PM Managing Aspirin Allergy Before DES Placement
Lecturers: John A. Bittl

5:18 PM GLOBAL LEADERS in Perspective: Perspectives on Ticagrelor Monotherapy
Lecturers: Patrick W. Serruys

5:28 PM De Escalation of DAPT After DES Placement: Is There a Role for Personalized Treatment
Lecturers: Dániel Aradi

5:36 PM The Asian Anti Platelet Therapy Paradox: Genetic Factors Dosing Bleeding and Stent Thrombosis Risk
Lecturers: Duk-Woo Park

5:44 PM Roundtable Discussion

DIDACTIC SESSION: THE LEFT MAIN AND BIFURCATION SUMMIT, PART 2

SUNDAY, SEPTEMBER 23, 2018
2:00 PM - 6:08 PM
Room 5, Upper Level

2:00 PM - 3:06 PM
Session IV. Special Situations in Bifurcations
Moderators: Jens Flensted Lassen, Yves R. Louvard
Discussants: Kenneth Chin, Jean Fajadet, Young-Hak Kim, John A. Ormiston, Ivo Petrov, Shiro Uemura

2:00 PM When Will the Side Branch Occlude With Case Examples
Lecturers: Kefei Dou

2:07 PM Techniques for Wiring a Difficult Bifurcation and What To Do Then
Lecturers: Thomas Hovasse

2:14 PM How to Treat the Medina 001 Lesion
Lecturers: Philippe Brunel

2:21 PM Why Does My Balloon Not Cross and What Should I Do
Lecturers: Manuel Pan

2:28 PM Case Presentation: Why I Lost This Side Branch and What I Should Have Done Instead
Case Presenter: Yves R. Louvard

2:35 PM Case Presentation: Why I Lost This Side Branch and What I Should Have Done Instead
Case Presenter: Annapoorna Kini

2:42 PM Case Presentation: My Worst Bifurcation Mistake
Case Presenter: Jens Flensted Lassen

2:49 PM Case Presentation: My Worst Bifurcation Mistake
Case Presenter: Adrian P. Banning

2:56 PM Roundtable Discussion With Audience QA

3:06 PM - 4:20 PM
Session V. Focus on Left Main Stenting Outcomes
Moderators: Joseph F. Sabik, Patrick W. Serruys
Discussants: Anthony H. Gershlick, Robert A. Guyton, Seung-Jung Park, Alfredo E. Rodriguez, Erick Schampaert, Marco V. Wainstein

3:06 PM First Presentation of the 4 Year EXCEL Outcomes
Lecturers: Gregg W. Stone

3:14 PM New Data From the NOBLE Trial
Lecturers: Evald H. Christiansen

3:22 PM Summary of All the LM PCI vs CABG Meta Analyses: Take Home Messages
Lecturers: Stuart J. Head

3:32 PM LM Stenting: New Insights From the DELTA 2 Registry
Lecturers: Alaide Chieffo

3:40 PM Ten Year Outcomes of LM PCI: From the Fu Wai Left Main Registry
4:20 PM - 6:08 PM
Session VI. Focus on Left Main Stenting Technique
Moderators: Jean Fajadet, Leif Thuesen

4:20 PM  Pro The Data Speaks
Lecturers: Shao-Liang Chen

4:26 PM  Con
Lecturers: Francesco Burzotta

4:32 PM  EBC Perspectives on LM Stenting Technique and the EBC Main Trial
Lecturers: David Hildick-Smith

4:20 PM  Pro The Data Speaks
Lecturers: Shao-Liang Chen

4:26 PM  Con
Lecturers: Francesco Burzotta

4:39 PM  Roundtable Discussion With Audience QA

4:20 PM  Pro The Data Speaks
Lecturers: Shao-Liang Chen

4:26 PM  Con
Lecturers: Francesco Burzotta

4:44 PM  Why to Use IVUS to Guide LM Stenting: Evidence and Case Examples
Lecturers: Jose M. de la Torre Hernandez

4:20 PM  Pro The Data Speaks
Lecturers: Shao-Liang Chen

4:26 PM  Con
Lecturers: Francesco Burzotta

4:52 PM  How to Use IVUS to Guide LM Stenting: Evidence and Case Examples
Lecturers: Akiko Maehara

4:20 PM  Pro The Data Speaks
Lecturers: Shao-Liang Chen

4:26 PM  Con
Lecturers: Francesco Burzotta

5:00 PM  Physiological Assessment of Left Main Coronary Artery Disease
Lecturers: Divaka Perera

4:20 PM  Pro The Data Speaks
Lecturers: Shao-Liang Chen

4:26 PM  Con
Lecturers: Francesco Burzotta

5:08 PM  Left Main Longitudinal Stent Distortion
Lecturers: Yves R. Louvard

4:20 PM  Pro The Data Speaks
Lecturers: Shao-Liang Chen

4:26 PM  Con
Lecturers: Francesco Burzotta

5:16 PM  Roundtable Discussion With Audience QA
Lecturers: Yves R. Louvard

4:20 PM  Pro The Data Speaks
Lecturers: Shao-Liang Chen

4:26 PM  Con
Lecturers: Francesco Burzotta
5:21 pm  
Technical Approaches to the Left Main Trifurcation Lesion With Case Examples
Lecturers: Antonio Colombo

4:20 pm  
Pro The Data Speaks
Lecturers: Shao-Liang Chen

4:26 pm  
Con
Lecturers: Francesco Burzotta

5:29 pm  
SKS Stent Technique for True LM Bifurcation Disease: Advantages and Pitfalls With Case Examples
Lecturers: Javaid Iqbal

4:20 pm  
Pro The Data Speaks
Lecturers: Shao-Liang Chen

4:26 pm  
Con
Lecturers: Francesco Burzotta

5:37 pm  
Lesion Preparations Strategies for the Left Main Bifurcation With Case Examples
Lecturers: Nirat Beohar

4:20 pm  
Pro The Data Speaks
Lecturers: Shao-Liang Chen

4:26 pm  
Con
Lecturers: Francesco Burzotta

5:45 pm  
When Is Mechanical Circulatory Support Required for Left Main PCI With Case Examples
Lecturers: Anu Tunuguntla

4:20 pm  
Pro The Data Speaks
Lecturers: Shao-Liang Chen

4:26 pm  
Con
Lecturers: Francesco Burzotta

5:52 pm  
Left Main Restenosis and Treatment With Case Examples
Lecturers: Imad Sheiban

4:20 pm  
Pro The Data Speaks
Lecturers: Shao-Liang Chen

4:26 pm  
Con
Lecturers: Francesco Burzotta

6:00 pm  
Roundtable Discussion With Audience QA

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**DIDACTIC SESSION: TRANSCATHETER MITRAL VALVE THERAPIES, PART 1 - MITRAL VALVE REPAIR**

**SUNDAY, SEPTEMBER 23, 2018**

**2:00 PM - 6:17 PM**

**Room 1, Upper Level**

**2:00 PM - 2:52 PM**

**Session I. Overview, Imaging, and Patient Selection**

Moderators: Paul A. Grayburn, Robert J. Siegel

2:00 pm  
MR Quantification 2018: The Latest in MR Grading and Reporting
Lecturers: Maurice E. Sarano

2:07 pm  
Primary MR: Spectrum of Disease and Influence on Transcatheter Therapy Applicability and Outcomes
Lecturers: Scott Lim

2:14 pm  
Functional MR: Spectrum of Disease and Influence on Transcatheter Therapy Applicability and Outcomes
Lecturers: Paul A. Grayburn

2:21 pm  
TEE Imaging Essentials: Screening Patients for MitraClip Transcatheter Annuloplasty and TMVR Procedures
Lecturers: Randolph P. Martin

2:28 pm  
CT Imaging Essentials: Screening Patients for MitraClip Transcatheter Annuloplasty and TMVR Procedures
Lecturers: Philipp Blanke

2:35 pm  
Imaging Make or Break: Challenging Imaging Scenarios During Transcatheter Mitral Repair Procedural Guidance
Lecturers: Rebecca T. Hahn

2:42 pm  
Roundtable Discussion With Audience QA

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**2:52 PM - 3:34 PM**

**Session II. MitraClip Registry and (at Last) Randomized Trial Outcomes**
MODERATORS: Stefan Anker, Saibal Kar  
DISCUSSIONS: Blase A. Carabello, Jörg Hausleiter, Jean-Francois Obadia, Paul Sorajja, Neil J. Weissman

2:52 PM  The COAPT Trial: Principal and Secondary Results  
Lecturers: Michael J. Mack

2:59 PM  The MitraFR Trial: Results Expected and Unexpected  
Lecturers: Jean-Francois Obadia

3:02 PM  MitraClip in the US: Latest TVT Registry Results  
Lecturers: Paul Sorajja

3:19 PM  Roundtable Discussion With Audience QA

3:34 PM - 4:19 PM  Session III. Edge-to-Edge Mitral Valve Repair: MitraClip and Beyond  
MODERATORS: Ted Feldman, Joachim Schofer  
DISCUSSIONS: Saif Anwaruddin, Karel T. Koch, Scott Lim, Robert E. Michler, Matthew J. Price, Michael J. Rinaldi

3:34 PM  The Mitral Surgeons Perspective: What Transcatheter Tools Are Necessary to Emulate Surgical Results  
Lecturers: Steven F. Bolling

3:41 PM  MitraClip Patient Selection 2018: Can We Predict An Excellent Result Sustained MR Less Than or Equal to 1  
Lecturers: Karl-Heinz Kuck

3:48 PM  Experiences With Next Generation MitraClip: What Are the Meaningful Differences  
Lecturers: Saibal Kar

3:55 PM  Two Case Presentations: One Highly Successful and One Highly Unsuccessful MitraClip in Primary MR  
Case Presenter: James B. Hermiller Jr

4:03 PM  Two Case Presentations: One Highly Successful and One Highly Unsuccessful MitraClip in Secondary MR  
Case Presenter: Stephan Boldus

4:11 PM  Surgery After Failed MitraClip: Feasibility and Outcomes  
Lecturers: Gorav Ailawadi

4:18 PM  MitraClip After Failed Surgical Repair: Approach and Challenges  
Lecturers: Saibal Kar

4:25 PM  Single Leaflet Detachment and Clip Embolization: Causes and Management  
Lecturers: Samir R. Kapadia

4:32 PM  PASCAL Edge to Edge Repair: Initial Experience and Outcomes  
Lecturers: Neil P. Fam

4:39 PM  Roundtable Discussion With Audience QA

4:49 PM - 6:17 PM  Session IV. The Transcatheter Mitral Valve Repair World Beyond MitraClip  
MODERATORS: Jason H. Rogers, Ralph Stephan von Bardeleben  
DISCUSSIONS: Steven F. Bolling, Steven L. Goldberg, Azeem Latib, Francesco Maisano, Molly Szerlip, Stephen G. Worthley

4:49 PM  Cardioband Direct Annuloplasty for Functional MR: Device Data Synthesis and Pivotal Clinical Trial Progress  
Lecturers: Vinod H. Thourani

4:57 PM  Carillon Indirect Annuloplasty for Functional MR: Device Data Synthesis and Pivotal Clinical Trial Progress  
Lecturers: Ralph Stephan von Bardeleben

5:05 PM  AccuCinch Basal Ventriculoplasty for Functional MR and Heart Failure: Device Procedure and Updated Outcomes  
Lecturers: Mark Reisman

5:12 PM  Millipede Direct Annuloplasty for Functional MR: Device Procedure and Updated Outcomes  
Lecturers: Jason H. Rogers

5:19 PM  Amend Ring Annuloplasty System: Device Procedure and Updated Outcomes  
Lecturers: Andrea Colli

5:26 PM  ARTO Indirect Annuloplasty System for Functional MR: Update and Case Presentation  
Lecturers: Stephen G. Worthley

5:33 PM  Mitral Cerclage Annuloplasty  
Lecturers: Toby Rogers

5:40 PM  Neochord for Degenerative MR: Device Data Synthesis and Pivotal Clinical Trial Progress  
Lecturers: Khalil Fattouch

5:48 PM  Harpoon for Degenerative MR: Device and Updated Clinical Data  
Lecturers: Andrea Colli

5:55 PM  Thinking Hybrid Mitral Procedures: Case Examples and Recommendations  
Lecturers: Samir R. Kapadia
TCT ENDOVASCULAR: EXPERT CASE REVIEWS - ACUTE STROKE INTERVENTIONS

SUNDAY, SEPTEMBER 23, 2018
12:15 PM - 1:45 PM
Room 30D-E, Upper Level

12:15 PM - 1:45 PM
Expert Case Reviews: Acute Stroke Interventions
Moderators: Aman B. Patel, Adnan Siddiqui

12:15 PM Case 1: Acute Stroke Treated With M1 Middle Cerebral Artery Thrombectomy
Case Presenter: Brian Walcott

12:25 PM Case 2: Acute Stroke With Cervical ICA Dissection and Intracranial Occlusion

12:35 PM Case 3: Acute Stroke With Atherosclerotic ICA Occlusion and Intracranial Occlusion
Case Presenter: Eric Sauvageau

12:45 PM Case 4: Radial Access for Acute Stroke Thrombectomy

12:55 PM Case 5: Direct Carotid Access for Acute Stroke Thrombectomy
Case Presenter: Gavin Britz

1:05 PM Case 6: Late Window Thrombectomy
Case Presenter: Matthew Koch

1:15 PM Case 7: Acute Stroke Thrombectomy for a Patient With an Already Large Established Core Infarct
Case Presenter: Raul Nogueira

1:25 PM Case 8: Acute Stroke Thrombectomy For Large Vessel Occlusion With Low NIHSS
Case Presenter: Raul Nogueira

1:35 PM Roundtable Discussion With Audience QA

TCT ENDOVASCULAR: HOT TOPIC LUNCH - CURRENT ISSUES IN CONTEMPORARY OFFICE-BASED LABORATORY PRACTICE

SUNDAY, SEPTEMBER 23, 2018
12:15 PM - 1:45 PM
Room 31B-C, Upper Level

12:15 PM - 1:00 PM
Session I: Why and How to Start an Office-based Suite
Moderators: Jeffrey G. Carr, Brian G. DeRubertis
Discussants: Ali F. Aboufaraes, Gary M. Ansel, Korthik R. Gujja, Luis Leon, Craig M. Walker

12:15 PM Considerations When Starting an Office Based Laboratory or Ambulatory Surgery Center
Lecturers: Craig M. Walker

12:25 PM Outpatient Procedure Adoption and Implications of Over Utilization
Lecturers: Jeffrey G. Carr

12:35 PM OBLs as a Model for Increased Delivery of Vascular Care
Lecturers: Luis Leon

12:45 PM Round Discussion With Audience QA

1:00 PM - 1:45 PM
Session II: Procedural Considerations in the OBL Case Selection, Patient Factors, and Safety Concerns
Moderators: Jeffrey G. Carr, Brian G. DeRubertis
Discussants: Tak W. Kwan, Robert A. Lookstein, Thomas Maldonado, Joel Rainwater

1:00 PM Cases to Avoid and Complication Management
Case Presenter: Thomas Maldonado

1:10 PM Benefits for Patients and Providers in the Outpatient Setting
Lecturers: Brian G. DeRubertis

1:20 PM Maintaining Quality in the OBL Setting
Lecturers: Joel Rainwater
1:30 PM Round Discussion with Audience QA

TCT ENDOVASCULAR: HOT TOPIC LUNCH - TREATMENT OF ACUTE PULMONARY EMBOLISM  CO-SPONSORED BY THE PERT CONSORTIUM

SUNDAY, SEPTEMBER 23, 2018
12:15 PM - 1:45 PM
Room 32A-B, Upper Level

12:15 PM Treatment of Acute Pulmonary Embolism  Co-Sponsored by the PERT Consortium
Moderators: Riyaz Bashir, Victor F. Tapson

12:15 PM Acute Pulmonary Embolism: Risk Stratification Treatment Alternatives and Role of the PERT Team
Lecturers: Kenneth Rosenfield

12:30 PM Roundtable Discussion With Audience QA

12:35 PM Case 1 Introduction: A Patient With Sub Massive PE How Should We Treat
Case Presenter: Gregory Piazza

12:38 PM First Debate: Catheter Directed Thrombolysis Should Be Used for All Submassive PE
Lecturers: Riyaz Bashir

12:46 PM First Debate: Catheter Directed Thrombolysis Should Be Reserved for Selected Submassive PE
Lecturers: Jay S. Giri

12:54 PM Roundtable Discussion With Audience QA

1:02 PM Case 1 Conclusion: A Patient With Sub Massive PE How Did We Treat
Case Presenter: Gregory Piazza

1:05 PM Case 2 Introduction: A Patient With Massive PE How Should We Treat
Case Presenter: Vikas Aggarwal

1:08 PM Second Debate: The Case for Catheter Based Therapy for Massive PE As The Principal Approach
Lecturers: Akhilesh K. Sista

1:11 PM Second Debate: Surgical Therapy for Massive PE Should Be First line Therapy
Lecturers: Matthew D. Bacchetta

1:19 PM Case Based Debate: ECMO or Other RV Support Is the Ideal Treatment for Massive PE
Lecturers: Mahir Elder

1:27 PM Roundtable Discussion With Audience QA

1:37 PM Case 1 Conclusion: A Patient With Massive PE How Did We Treat
Case Presenter: Vikas Aggarwal

TCT ENDOVASCULAR: EVAR/TEVAR DEEP DIVE

SUNDAY, SEPTEMBER 23, 2018
2:00 PM - 4:00 PM
Room 30D-E, Upper Level

2:00 PM - 3:20 PM Session I. Latest EVAR and TEVAR Strategies
Moderators: Robert A. Lookstein, Virendra I Patel

2:00 PM Operative Management of Acute Type A Aortic Dissection
Lecturers: Hiroo Takayama

2:10 PM Medical Treatment and Long term Management of Acute Type B Aortic Dissection: Lessons from IRAD and Beyond
Lecturers: Patrick T. O’Gara

2:20 PM Interventional Treatment Options for Acute Type B Aortic Dissection
Lecturers: Christoph A. Nienaber

2:30 PM Aortic Arch Aneurysm: Management and Treatment Options With Case Examples
Lecturers: Nimesh Desai

2:40 PM Branched and Fenestrated Grafts in the Treatment of Thoracoabdominal Aortic Aneurysms
Lecturers: Bernardo C Mendes

2:50 PM Chimneys Snorkels and Periscopes for the Treatment of Juxta Renal Abdominal Aortic Aneurysms: Are There Any Data to Support Them
Lecturers: Robert A. Lookstein
3:00 PM  Fenestrated Stent Grafts in the Treatment of Complex Abdominal Aortic Aneurysms  
Lecturers: Robert Lancaster  

3:10 PM  Decision making and Treatment Selection for Patients With Complex Abdominal Aortic Aneurysms  
Lecturers: Virendra I Patel  

3:20 PM - 4:00 PM  
Session II. Special Situations and Case Presentations  
Moderators: Robert A. Lookstein, Virendra I Patel  
Discussants: J. Michael Bacharach, Somjot S. Brar, Robert Lancaster, Patrick T. O’Gara, Hiroo Takayama  

3:20 PM  Endografting in Women: Are There Gender Differences in Technique or Outcomes With Case Examples  
3:28 PM  Endografting in Type A Dissection With Case Examples  
3:36 PM  Imaging in Type B Dissection Endografting: IVUS Assisted Techniques With Case Examples  
3:44 PM  Endovascular Aortic Repairs: Historical Perspectives  
Lecturers: Juan C. Parodi  
3:52 PM  Roundtable Discussion  What Are the Unmet Needs in Endo grafting  

REGIONAL SNAPSHOT SESSION: THE BEST OF INTERVENTION FROM THE MIDDLE EAST AND AFRICA - STRATEGIES FOR COMPLEX PATIENTS  
SUNDAY, SEPTEMBER 23, 2018  
2:00 PM - 4:00 PM  
Room 31B-C, Upper Level  

2:00 PM - 2:40 PM  
Session I. Challenges of Left Main/Bifurcation Interventions  
Moderators: Ran Kornowski, Mohamed Ahmed Sobhy  
Discussants: Magdy Abdelhamid, Samir Ahnia, Kais Battikh, Leor Perl  

2:00 PM  Approach to Left Main Coronary Bifurcation Disease in 2018  
Lecturers: Hany Ragy  
2:10 PM  Case 1: Ostial Left Main Intervention  The Value of Imaging  
Case Presenter: Leor Perl  
2:17 PM  Case 2: A Distal Left Main Lesion With Challenges  
Case Presenter: Nabil Farag  
2:24 PM  Roundtable Discussion With Audience QA  

2:40 PM - 3:20 PM  
Session II: Advanced CTO Approaches  
Moderators: Mirvat Alasnag, Graham A. Cassel  

2:40 PM  Case 3: Antegrade Strategy  
Case Presenter: Shereen Al-Shaikh  
2:47 PM  ABCs of Antegrade: Tools and Technique  
Lecturers: Waqar H. Ahmed  
2:54 PM  Roundtable Discussion With Audience QA  
3:00 PM  Case 4: Retrograde Strategy  
Case Presenter: Ahmed Vachiat  
3:07 PM  ABCs of Retrograde: Tools and Technique  
Lecturers: Ahmed Vachiat  
3:14 PM  Roundtable Discussion With Audience QA  

3:20 PM - 4:00 PM  
Session III: Structural Heart Disease  
Moderators: Habib Gamra, E. Murat Tuzcu  
Discussants: Hadi Abu-Hantash, Dhaker Lahdheb, Chaim S. Lotan  

3:20 PM  LAA Closure 1: State of the art  
Lecturers: E. Murat Tuzcu  
3:30 PM  LAA Closure 2: Step by step
HOT TOPIC LUNCH: CHRONIC KIDNEY DISEASE - PREVENTING AND TREATING CONTRAST NEPHROPATHY

SUNDAY, SEPTEMBER 23, 2018
12:15 PM - 1:45 PM
Room 23B-C, Upper Level

12:15 PM - 1:45 PM
Chronic Kidney Disease: Preventing and Treating Contrast Nephropathy
Moderators: Sripal Bangalore, Somjot S. Brar
Discussants: Carlo Briguori, Graham A. Cassel, Hitinder S. Gurm, Navin K. Kapur, Roxana Mehran

12:15 PM  
Topic 1: Prognostic Significance of Acute Kidney Injury After TAVR
Lecturers: Steven R. Bailey

12:25 PM  
Roundtable Discussion With Audience QA

12:30 PM  
Topic 2: Zero Volume Contrast PCI
Lecturers: Ziad A. Ali

12:40 PM  
Roundtable Discussion With Audience QA

12:45 PM  
Topic 3: Revascularization Strategies PCI CABG vs Medical Therapy in Advanced CKD
Lecturers: Sripal Bangalore

12:55 PM  
Roundtable Discussion With Audience QA

1:00 PM  
Topic 4: CIN Risk Prediction and Outcomes
Lecturers: Hitinder S. Gurm

1:10 PM  
Roundtable Discussion With Audience QA

1:15 PM  
Topic 5: CIN Prevention Strategies
Lecturers: Roxana Mehran

1:25 PM  
Roundtable Discussion With Audience QA

1:30 PM  
Topic 6: Radial Access and AKI What Do We Know
Lecturers: Somjot S. Brar

1:40 PM  
Roundtable Discussion With Audience QA

HOT TOPIC LUNCH: CT IMAGING FOR THE CORONARY AND STRUCTURAL HEART DISEASE INTERVENTIONALIST (SPONSORED BY THE SOCIETY OF CARDIOVASCULAR COMPUTED TOMOGRAPHY)

SUNDAY, SEPTEMBER 23, 2018
12:15 PM - 1:45 PM
Room 24A-B, Upper Level

12:15 PM - 1:45 PM
CT Imaging for the Coronary and Structural Heart Disease Interventionalist (Sponsored by the Society of Cardiovascular Computed Tomography)
Moderators: James K. Min, Todd Villines

12:15 PM  
Imaging and Beyond for LAA Occlusion: Echo CT and 3D Printing
Lecturers: Stephen H. Little

12:25 PM  
Roundtable Discussion With Audience QA

12:30 PM  
Is Post TAVR CT Imaging Just as Important as Pre TAVR CT Imaging Focus on HALT
Lecturers: Hasan Jilaihawi

12:40 PM  
Roundtable Discussion With Audience QA

12:45 PM  
New CT Insights for TMVR: The NeoLVOT and Skirt Neo LVOT Concept
Lecturers: Victoria Delgado

12:55 PM  
Roundtable Discussion With Audience QA
1:00 PM  CT as First line Test for Everyone With Suspected CAD: Rationale Behind the NICE Guidelines
Lecturers: James K. Min

1:10 PM  Roundtable Discussion With Audience QA

1:15 PM  FFR CT: An Evidence Based Appraisal
Lecturers: Todd Villines

1:25 PM  Roundtable Discussion With Audience QA

1:30 PM  The Vulnerable Plaque and Patient Revisited: Whole Heart Quantitation and Characterization of Atherosclerosis by CT
Lecturers: Paul Knaapen

1:40 PM  Roundtable Discussion With Audience QA

1:45 PM  COMPLEX INTERVENTIONS: EXPERT CASE REVIEWS - ACUTE INFARCT ANGIoplasty AND CARDIOGENIC SHOCK

SUNDAY, SEPTEMBER 23, 2018
12:15 PM - 1:51 PM
Room 26A-B, Upper Level

12:15 PM  Acute Infarct Angioplasty and Cardiogenic Shock
Moderators: David A. Cox, Timothy D. Henry
Discussants: Pawel E. Buszman, Warren J. Cantor, Steven P. Marso, Sandeep Nathan, Sheila Sahn, Nir Uriel

12:15 PM  Introduction: What Do We Hope to Learn From These Cases
Lecturers: David A. Cox

12:18 PM  Case 1: How We Treated A Hemodynamically Stable STEMI Patient With Severe Multivessel Disease
Case Presenter: Sanjit S. Jolly

12:26 PM  Case 2: A Case in Which Primary PCI Resulted in Severe No Reflow
Case Presenter: Thomas D. Stuckey

12:34 PM  Case 3: A Case of STEMI and Massive Thrombus Burden
Case Presenter: Carlos E. Uribe

12:42 PM  Case 4: A Patient With STEMI Due to a Severely Degenerated Saphenous Vein Graft
Case Presenter: John S. Douglas Jr

12:50 PM  Case 5: A Patient With a Definite STEMI and Apparently Minimally Diseased Coronary Arteries Not Tako Tsubo
Case Presenter: Petr Kala

12:58 PM  Case 6: Primary PCI With Double Stent Thrombosis
Case Presenter: Mohamed Ahmed Sobhy

1:06 PM  Case 7: A Case of Cardiogenic Shock Due to an Occluded Left Main That We Treated With Impella
Case Presenter: Michael S. Lee

1:14 PM  Case 8: A Case of Cardiogenic Shock That We Treated With ECMO
Case Presenter: A. Reshad Garan

1:22 PM  Case 9: A Case of Cardiogenic Shock That We Treated With Biventricular Support
Case Presenter: Sanjog Kalra

Case Presenter: Jose M. de la Torre Hernandez

1:38 PM  Case 11: A Case of Out of Hospital Cardiac Arrest Without ST Segment Elevation That We Took to the Cath Lab
Case Presenter: Graham Nichol

1:46 PM  Take Home Messages: What Did We Learn From These Cases
Lecturers: Timothy D. Henry

1:51 PM  COMPLEX INTERVENTIONS: EXPERT CASE REVIEWS - COMPLEX TAVR CASES

SUNDAY, SEPTEMBER 23, 2018
12:15 PM - 1:45 PM
Room 28D-E, Upper Level

12:15 PM  Complex TAVR Cases
Moderators: Philippe Genereux, Josep Rodés-Cabau
Discussants: Suzanne V. Arnold, Wayne B. Batchelor, Isaac George, Tullio Palmerini, Shigeru Saito, Tobias Tichelbäcker

12:15 PM  Introduction: What Do We Hope to Learn From These Cases
Lecturers: Josep Rodés-Cabau

12:20 PM  Case 1: A Complex TAVR Decision: Prohibitive Surgical Risk vs The Type C Patient  
Case Presenter: Anthony A. Bavry

12:30 PM  Case 2: A Case of Embolic Protection in Difficult Cerebral Anatomy  
Case Presenter: Jochen Wöhre

12:40 PM  Case 3: Evaluation and Treatment of Low Flow Low Gradient Aortic Stenosis  
Case Presenter: Philippe Pibarat

12:50 PM  Case 4: A Case of Minimalist TAVR With Single Femoral Access  
Case Presenter: Bernard R. Chevalier

1:00 PM  Case 5: A Case in Which We Pushed the Envelope to Complete a Transfemoral TAVR  
Case Presenter: Grayson H. Wheatley

1:10 PM  Case 6: Trans Carotid TAVR Step by Step  
Case Presenter: Keith B. Allen

1:20 PM  Case 7: A Case of Pure Non Calcific Aortic Insufficiency Treated With TAVR  
Case Presenter: Wei-Hsian Yin

1:30 PM  Case 8: A Case of Asymptomatic Leaflet Thrombosis: Management Strategies  
Case Presenter: Philipp Blanke

1:40 PM  Take Home Messages: What Did We Learn From These Cases  
Lecturers: Philippe Genereux

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**COMPLEX INTERVENTIONS: EXPERT CASE REVIEWS - CTO RETROGRADE TECHNIQUES**

**SUNDAY, SEPTEMBER 23, 2018**

**12:15 PM - 1:45 PM**

**Room 25A-B, Upper Level**

**12:15 PM - 1:45 PM**  
**CTO Retrograde Techniques**  
Moderators: Masahiko Ochiai, Georgios Sianos  
Discussants: Pierfrancesco Agostoni, Tony J. DeMartini, Kefei Dou, William Nicholson, R. Michael Wyman

12:15 PM  Introduction: What Do We Hope to Learn From These Cases  
Lecturers: Masahiko Ochiai

12:20 PM  Case 1: Retrograde CTO Technique: A Case Emphasizing Collateral Selection  
Case Presenter: Alfredo R. Galassi

12:30 PM  Case 2: Retrograde CTO Technique: A Case Emphasizing How to Connect The Channels  
Case Presenter: Paul Hsien-Li Kao

12:40 PM  Case 3: Using IVUS During Retrograde CTO PCI  
Case Presenter: Satoru Sumitsuji

12:50 PM  Case 4: Step By Step Trouble Shooting During Retrograde CTO PCI  
Case Presenter: Paul Knaapen

1:00 PM  Case 5: A Case Using Epicardial Collaterals During Retrograde CTO  
Case Presenter: Masahisa Yamane

1:10 PM  Case 6: A Case of Channel Injury During the Retrograde Approach  
Case Presenter: Sudhir Rathore

1:20 PM  Case 7: A Case of Severe Ischemia and Thrombosis During Retrograde CTO  
Case Presenter: Lei Ge

1:30 PM  Case 8: Managing a Large Perforation During a Retrograde CTO PCI  
Case Presenter: Emmanouil S. Brilakis

1:40 PM  Take Home Messages: What Did We Learn From These Cases  
Lecturers: Georgios Sianos

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**COMPLEX INTERVENTIONS: EXPERT CASE REVIEWS - INTERVENTIONAL RICH EMOTIONAL EXPERIENCES (AKA COMPlications) II: STRUCTURAL**

**SUNDAY, SEPTEMBER 23, 2018**

**12:15 PM - 1:47 PM**

**Room 28A-B, Upper Level**

**12:15 PM - 1:47 PM**  
**Interventional Rich Emotional Experiences (AKA Complications) II: Structural**  
Moderators: Samir R. Kapadia, Bernard Prendergast
12:15 PM  Introduction: What Do We Hope to Learn From These Cases  
Lecturers: Bernard Prendergast

12:18 PM  Case 1: A Frightening Vascular Complication After TAVR  
Case Presenter: Ethan C. Korngold

12:25 PM  Case 2: A Case of Coronary Obstruction After TAVR  
Case Presenter: John K. Forrest

12:32 PM  Case 3: Management of an Embolized TAVR Bioprosthesis Into the Left Ventricle  
Case Presenter: Gorav Ailawadi

12:39 PM  Case 4: Clinically Significant TAVR Leaflet Thrombosis  
Case Presenter: Raj Makkar

12:46 PM  Case 5: Managing a Severe Paravalvular Leak After TAVR Using Fusion Imaging  
Case Presenter: Torsten P. Vahl

12:53 PM  Case 6: Aortic Rupture During TAVR  
Case Presenter: Marco Barbanti

1:00 PM  Case 7: A Case of Late Out of Hospital Heart Block After TAVR  
Case Presenter: Danny Dvir

1:07 PM  Case 8: Retrieval of an Embolized PFO Closure Device  
Case Presenter: Jacqueline Saw

1:14 PM  Case 9: Management of Acute LV Outflow Tract Obstruction During TMVR  
Case Presenter: Howard C. Herrmann

1:21 PM  Case 10: Step by Step Closure of a Large Mitral Paravalvular Leak  
Case Presenter: Eustaquio Maria Onorato

1:28 PM  Case 11: An Unexpected Complication During LAA Closure  
Case Presenter: Ramon Quesada

1:35 PM  Case 12: A Harrowing Complication During a Complex Congenital Procedure  
Case Presenter: John P. Breinholt

1:42 PM  Take Home Messages: What Did We Learn From These Cases  
Lecturers: Samir R. Kapadia

COMPLEX INTERVENTIONS: EXPERT CASE REVIEWS - LAA OCCLUSION: DECISIONS, TIPS, AND TRICKS

SUNDAY, SEPTEMBER 23, 2018  
12:15 PM - 1:59 PM  
Room 27, Upper Level

12:15 PM - 1:59 PM  
LAA Occlusion: Decisions, Tips, and Tricks  
Moderators: Maurice Buchbinder, Vivek Y. Reddy  
Discussants: Aaron V. Kaplan, Di Lakkireddy, Ulf Landmesser, Petr Neuzil, Jai-Wun Park, Kolja Sievert

12:15 PM  Introduction: What Do We Hope to Learn From These Cases  
Lecturers: Vivek Y. Reddy

12:18 PM  Case 1: A Case of an Atrial Fibrillation Related Ischemic Stroke With Hemorrhagic Conversion To Close To Anticoagulate

12:26 PM  Case 2: A Difficult Transseptal Puncture for an LAA Occlusion Procedure  
Case Presenter: Megan Coylewright

12:34 PM  Case 3: A Case Where Procedural Guidance With TEE Made all the Difference  
Case Presenter: Ramon Quesada

12:42 PM  Case 4 A Case Demonstrating Why I Prefer ICE Over TEE for LAA Occlusion  
Case Presenter: Jacqueline Saw

12:50 PM  Case 5: A Case of Image Fusion Technology to Guide LAA Exclusion  
Case Presenter: Carlos E. Ruiz

12:58 PM  Case 6: Closing the Wide Mouthed Multilobed LAA  
Case Presenter: Stefan C. Bertog

1:06 PM  Case 7: Closing the LAA When the Device Wont Fit  
Case Presenter: Reda Ibrahim

1:14 PM  Case 8: Two Quick Cases: One in Which I Preferred Watchman One in Which I Preferred Amplatz  
Case Presenter: Ashish Pershad

1:22 PM  Case 9: Management of a Persistent Leak After LAA Closure  
Case Presenter: George S. Hanzel
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<tr>
<th>Time</th>
<th>Case Title</th>
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<tr>
<td>1:30 PM</td>
<td>Case 10: Reclosing a Reopened LAA After Surgical Ligation</td>
<td>Peter B. Sick</td>
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<td>1:38 PM</td>
<td>Case 11: Major Complication of an LAA Closure Procedure in a Frail Elderly Patient</td>
<td>David Hildick-Smith</td>
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<td>1:54 PM</td>
<td>Take Home Messages: What Did We Learn From These Cases</td>
<td>Maurice Buchbinder</td>
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**COMPLEX INTERVENTIONS: EXPERT CASE REVIEWS - LEFT MAIN AND BIFURCATION INTERVENTION: TECHNIQUE AND OUTCOMES**

**SUNDAY, SEPTEMBER 23, 2018**

**12:15 PM - 1:45 PM**

**Left Main and Bifurcation Intervention: Technique and Outcomes**

**Moderators:** Davide Capodanno, Antonio Colombo

**Discussants:** Andrejs Erglis, Tim A. Fischell, Stefan K. James, Annapoorna Kini, Alfredo E. Rodriguez, Corrado Tamburino

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<thead>
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<td>12:15 PM</td>
<td>Introduction: What Do We Hope to Learn From These Cases</td>
<td>Davide Capodanno</td>
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<td>12:20 PM</td>
<td>Case 1: An Ostial Left Main Lesion: How to Nail the Ostium</td>
<td>Afzalur Rahman</td>
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<td>12:28 PM</td>
<td>Case 2: A Complex Left Main Bifurcation: Is Lesion Preparation Necessary</td>
<td>Nirat Beohar</td>
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<td>12:36 PM</td>
<td>Case 3: A Complex Left Main Bifurcation: I Chose Provisional The Acute andor Late Results Were Unexpected</td>
<td>Jean Fajadet</td>
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<td>12:44 PM</td>
<td>Case 4: A Complex Left Main Bifurcation: I Chose SKS The Acute andor Late Results Were Unexpected</td>
<td>Samin K. Sharma</td>
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<td>12:52 PM</td>
<td>Case 5: A Complex Left Main Bifurcation: I Chose Culotte The Acute andor Late Results Were Unexpected</td>
<td>Miroslaw Ferenc</td>
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<td>1:00 PM</td>
<td>Case 6: A Complex Left Main Bifurcation: I Chose DK Crush The Acute andor Late Results Were Unexpected</td>
<td>Junjie Zhang</td>
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<td>1:08 PM</td>
<td>Case 7: A Left Main Distal Bifurcation PCI in Which Intravascular Imaging Markedly Changed My Treatment</td>
<td>Jacek Legutko</td>
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<td>1:16 PM</td>
<td>Case 8: A Left Main Distal Bifurcation PCI in Which Physiologic Guidance Markedly Changed My Treatment</td>
<td>Jung-Min Ahn</td>
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<td>1:24 PM</td>
<td>Case 9: A Complex Left Main Trifurcation: Heres How I Did It</td>
<td>Vinay K. Bahl</td>
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<td>1:32 PM</td>
<td>Case 10: Longitudinal Stent Deformation During Left Main Stenting</td>
<td>Yves R. Louvard</td>
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<td>1:40 PM</td>
<td>Take Home Messages: What Did We Learn From These Cases</td>
<td>Antonio Colombo</td>
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**COMPLEX INTERVENTIONS: EXPERT CASE REVIEWS - PHYSIOLOGIC GUIDANCE - FFR, IFR, CFR AND IMR**

**SUNDAY, SEPTEMBER 23, 2018**

**12:15 PM - 1:47 PM**

**Physiologic Guidance in the Cath Lab: FFR, iFR and More**

**Moderators:** Javier Escaned, Morton J. Kern

**Discussants:** Felix Bohm, Matthias Göttberg, Michalis Hamilos, Niels R. Holm, Erick Schampaert, Adhir Shroff

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<tr>
<td>12:15 PM</td>
<td>Introduction: What Do We Hope to Learn From These Cases</td>
<td>Javier Escaned</td>
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<tr>
<td>12:18 PM</td>
<td>Case 1: A Case in Which 3 Vessel FFR Markedly Changed My Treatment</td>
<td>Seung-Jung Park</td>
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<tr>
<td>12:25 PM</td>
<td>Case 2: A Case in Which FFR Of A Mild Lesion Led Me To Stent</td>
<td>Valerian Fernandes</td>
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2:00 PM - 2:30 PM

30th TCT Anniversary Celebratory Keynote
Moderators: Spencer B. King III, Gary S. Roubin
Discussants: Jean Fajadet, Richard A. Schatz, Patrick W. Serruys, George W. Vetrovec

2:00 PM The Legacy of Andreas Gruentzig The Father of Interventional Cardiology
Lecturers: Philippe E. Gaspard
2:20 PM Roundtable Discussion

SPECIAL SESSION: HEMODYNAMIC BRAIN TEASERS FROM THE CATH LAB

2:00 PM - 3:30 PM

Special Session: Hemodynamic Brain Teasers from the Cath Lab
Moderators: Morton J. Kern, Holger Thiele
Discussants: Anthony A. Bavry, Joseph Carozza, Holger M. Nef, Gerhard C. Schuler

2:00 PM Low Flow Low Gradient Aortic Stenosis Hemodynamic Pitfalls
Lecturers: Howard C. Herrmann
2:08 PM Roundtable Discussion With Audience QA
2:18 PM Hypertrophic Cardiomyopathy Brockenbrough Phenomenon and More
Lecturers: Anthony A. Bavry
2:26 PM Roundtable Discussion With Audience QA
2:36 PM Constrictive Pericarditis or Restrictive Cardiomyopathy Hemodynamic Old School
Lecturers: Gerhard C. Schuler
2:44 PM Roundtable Discussion With Audience QA
2:54 PM Pulmonary Hypertension How to Assess
3:02 PM Roundtable Discussion With Audience QA
3:12 PM Shunt Assessment VSD ASD Typical Pitfalls
Lecturers: Holger M. Nef
3:20 PM Roundtable Discussion With Audience QA

FASCINATING LECTURES II: ARTIFICIAL INTELLIGENCE, MACHINE LEARNING, AND ADVANCED IMAGING

2:30 PM - 3:45 PM

Artificial Intelligence, Machine Learning, and Advanced Imaging
Moderators: Mayra Guerrero, James K. Min
Discussants: Kishore J. Harjai, Fabien Praz, Peter H. Stone, Darren L. Walters, Robert L. Wilensky

2:30 PM The Future of STEMI Care: The Impact of Disruptive Technology
Lecturers: James Flaherty
2:40 PM Fascinating QA
2:45 PM Artificial Intelligence and the Future of Interventional Cardiology
Lecturers: Partha Sardar
2:55 PM Fascinating QA
3:00 PM Interactive Virtual Reality Imaging for Structural Heart Procedural Planning
Lecturers: Saurabh Sanon
3:10 PM Fascinating QA
3:15 PM Patient Specific Computer Simulation of TAVR in Bicuspid Aortic Valve Morphology
    Lecturers: Cameron Dowling
3:25 PM Fascinating QA
3:30 PM From 3D Printing to Virtual Implantation: A Guide to the Future of Structural Heart Interventions
    Lecturers: James Otton
3:40 PM Fascinating QA

SPECIAL @TCTSESSION: GISE@TCT

SUNDAY, SEPTEMBER 23, 2018
2:30 PM - 4:00 PM
Room 24A-B, Upper Level

2:30 PM - 4:00 PM
GISE@TCT: Case-Based Debates in Patients With High-Bleeding Risk Undergoing PCI
Discussants: Steven R. Bailey, George D. Dangas, Giovanni Esposito, Juan F. Granada, Francesco Saia

2:30 PM Introduction And Session Goals
2:35 PM Case 1 Introduction: A Patient With Chronic CAD At High Bleeding Risk Requiring PCI
    Case Presenter: Giulio Stefanini
2:40 PM Roundtable Discussion With Audience QA
2:50 PM How Would I Treat This Patient
    Lecturers: Dominick J. Angiolillo
2:55 PM How Would I Treat This Patient
    Lecturers: Ugo Limbruno
3:00 PM Case 1 Conclusion: How Did I Actually Treat This Patient
    Case Presenter: Giulio Stefanini
3:10 PM Consensus: PCI Considerations In The High Bleeding Risk Patient With Chronic CAD
    Lecturers: Giuseppe Tarantini
3:17 PM Case 2 Introduction: A High Bleeding Risk Patient With Afib And ACS Requiring PCI And Oral Anticoagulant Therapy
    Case Presenter: Usman Baber
3:22 PM Roundtable Discussion With Audience QA
3:32 PM How Would I Treat This Patient
    Lecturers: Alessio G La Manna
3:37 PM How Would I Treat This Patient
    Lecturers: Grzegorz L. Kaluza
3:42 PM Case 2 Conclusion: How Did I Actually Treat This Patient
    Case Presenter: Usman Baber
3:47 PM Consensus: Considerations In The High Bleeding Risk Patient Requiring PCI And Oral Anticoagulant Therapy
3:55 PM Conclusions And Take Home Messages
    Lecturers: Giuseppe Tarantini

SPECIAL SESSION: DISCUSSIONS WITH THE LATE BREAKING TRIAL PRINCIPAL INVESTIGATORS II

SUNDAY, SEPTEMBER 23, 2018
3:45 PM - 5:00 PM
Ballroom 6A, Upper Level

3:45 PM - 5:00 PM
Discussions With the Late Breaking Trial Principal Investigators II
Moderators: Andreas Baumbach, Stephan Windecker
Discussants: Robert J. Gil, Mitchell W. Krucoff, Frederick G. St. Goar
3:45 PM LEADERS FREE II: Summary and Clinical Implications
    Lecturers: Mitchell W. Krucoff

Last Updated 08/30/2018 Page: 140
3:50 PM  Discussion

4:00 PM  SORT OUT IX: Summary and Clinical Implications  
Lecturers: Lisette Okkels Jensen

4:05 PM  Discussion

4:15 PM  SOLVE TAVI: Summary and Clinical Implications  
Lecturers: Holger Thiele

4:20 PM  Discussion

4:30 PM  REDUCE FMR: Summary and Clinical Implications  
Lecturers: Horst Sievert

4:35 PM  Discussion

4:45 PM  COAPT: Summary and Clinical Implications  
Lecturers: Gregg W. Stone

4:50 PM  Discussion

PRESENTATION THEATER PROGRAM: ADVANCED SOLUTIONS FOR COMPLEX PCI: XIENCE SIERRA, OCT AND OUTCOMES (SPONSORED BY ABBOTT)

SUNDAY, SEPTEMBER 23, 2018
11:30 AM - 12:30 PM  
Presentation Theater 5, Exhibit Hall, Ground Level

11:30 AM - 12:30 PM  
Advanced Solutions for Complex PCI: XIENCE Sierra, OCT and Outcomes  
Faculty: Jonathan M. Hill, Allen Jeremias, Jose M. de la Torre Hernandez

11:30 AM  Welcome  
Lecturers: Jose M. de la Torre Hernandez

11:34 AM  Left Main NEW EXCEL Data and Case Review  
Lecturers: Jonathan M. Hill

11:53 AM  Diffuse and Calcified Lesions: Treating Challenging Situations

12:12 PM  How to Use OCT to Get Precise Placement for Bifurcations: Introduction to the BOOM Technique  
Lecturers: Allen Jeremias

12:30 PM  Adjourn

PRESENTATION THEATER PROGRAM: FFR AND NHPR: START RIGHT, FINISH RIGHT (SPONSORED BY OPSENS MEDICAL)

SUNDAY, SEPTEMBER 23, 2018
11:30 AM - 12:30 PM  
Presentation Theatre 4, Exhibit Hall, Ground Level

11:30 AM - 12:30 PM  
FFR and NHPR: Start Right, Finish Right  
Chairs: Morton J. Kern  
Faculty: Allen Jeremias, Yoshiaki Kawase, Manish A. Parikh, Barry F Uretsky

11:30 AM  Using One FFR Wire Start to Finish  
Lecturers: Morton J. Kern

11:40 AM  NHPR and FFR  When to Use What  
Lecturers: Allen Jeremias

11:50 AM  Clinical Experience Using Opsens dPR  
Lecturers: Yoshiaki Kawase

12:00 PM  Understanding the Impact of Drift: The DRIFT study  
Lecturers: Manish A. Parikh

12:10 PM  Post PCI FFR  Ending on a High Note  
Lecturers: Barry F Uretsky

12:20 PM  Discussion  
Moderators: Morton J. Kern  
Discussants: Allen Jeremias, Yoshiaki Kawase, Manish A. Parikh, Barry F Uretsky
PRESENTATION THEATER PROGRAM: MAKING THE DIFFERENCE IN COMPLEX PCI: OPTIMAL TOOLS & TECHNIQUES FOR PHYSIOLOGICAL ASSESSMENT (SPONSORED BY OPSENS MEDICAL)

SUNDAY, SEPTEMBER 23, 2018
11:30 AM - 12:30 PM
Presentation Theater 4, Exhibit Hall, Ground Level

PRESENTATION THEATER PROGRAM: THE COMING OF AGE OF FFRCT: CLINICAL USE OF THE HEARTFLOW FFRCT ANALYSIS TO GUIDE TREATMENT DECISION MAKING (SPONSORED BY HEARTFLOW)

SUNDAY, SEPTEMBER 23, 2018
11:30 AM - 12:30 PM
Presentation Theater 3, Exhibit Hall, Ground Level

11:30 AM - 12:30 PM
The Coming of Age of FFRCT: Clinical Use of the HeartFlow FFRCT Analysis to Guide Treatment Decision Making
Chairs: Gregg W. Stone
Faculty: Bernard De Bruyne, MD, PhD, Pamela S. Douglas, Jonathon A. Leipsic, Robert D. Safian

11:30 AM Welcome and Introduction
Lecturers: Gregg W. Stone

11:35 AM Overview of the HeartFlow Analysis
Lecturers: Bernard De Bruyne, MD, PhD

11:45 AM Review of Latest HeartFlow Data ADVANCE NXT and Aarhus
Lecturers: Jonathon A. Leipsic

11:55 AM Incorporating HeartFlow into Daily Practice
Lecturers: Robert D. Safian

12:05 PM On the Horizon: HeartFlow Sponsored Randomized Clinical Trials
Lecturers: Pamela S. Douglas, Gregg W. Stone

12:10 PM Moderated Discussion
Moderators: Gregg W. Stone
Lecturers: Bernard De Bruyne, MD, PhD
Discussants: Pamela S. Douglas, Jonathon A. Leipsic, Robert D. Safian

PRESENTATION THEATER PROGRAM: TMVR: PREPARING FOR THE NEXT REVOLUTION (SPONSORED BY CRF, SUPPORTED BY MEDTRONIC)

SUNDAY, SEPTEMBER 23, 2018
11:30 AM - 12:30 PM
Presentation Theater 1, Hall B2, Ground Level

11:30 AM - 12:30 PM
TMVR: Preparing for the Next Revolution
Co Chairs: Martin B. Leon, Christopher U. Meduri
Faculty: Vinayak Bapat, Michael J. Mack, Nicolo Piazza, Vivek Rajagopal, MD

11:30 AM Welcome
Lecturers: Christopher U. Meduri

11:34 AM Transcatheter Mitral Valve Replacement: Rationale and Trial Design Considerations
Lecturers: Martin B. Leon

11:44 AM Discussion and Audience Interaction

11:47 AM CT Imaging and Screening the Transcatheter Mitral Valve Replacement Patient
Lecturers: Nicolo Piazza

11:57 AM Discussion and Audience Interaction

12:00 PM Optimizing Medical Care for the Transcatheter Mitral Valve Replacement Patient
Lecturers: Vivek Rajagopal, MD

12:10 PM Discussion and Audience Interaction

12:13 PM Intrepid Transcatheter Mitral Valve Replacement Global Pilot Study Outcomes: Lessons Learned
Lecturers: Vinayak Bapat
PRESENTATION THEATER PROGRAM: UNVEILING THE FUTURE OF BIORESORBABLE CORONARY SCAFFOLDS: THE THIN-WALLED HIGH MECHANICAL PERFORMANCE AMARANTH MEDICAL BRS PROGRAM (SPONSORED BY AMARANTH MEDICAL, INC.)

SUNDAY, SEPTEMBER 23, 2018
11:30 AM - 12:30 PM
Presentation Theater 2, Hall B2, Ground Level

Unveiling the Future of Biodegradable Coronary Scaffolds: The Thin-Walled High Mechanical Performance Amaranth Medical BRS Program
Chairs: Antonio Colombo, Martin B. Leon
Faculty: Alaide Chieffo, Juan F. Granada, Azeem Latib

11:30 AM Welcome and Session Objectives
Lecturers: Antonio Colombo

11:35 AM Technological Platform and Experimental Insights from the Worlds Thinnest 85 m BRS
Lecturers: Juan F. Granada

11:47 AM Discussion and Audience Questions
Moderators: Antonio Colombo, Martin B. Leon

11:52 AM FORTITUDE 150 m and APTITUDE 115 m BRS: 2 and 3 year Clinical Updates
Lecturers: Alaide Chieffo

12:04 PM Discussion and Audience Questions
Moderators: Martin B. Leon

12:09 PM MAGNITUDE 98 m BRS 9 month Final Safety and Imaging Results
Lecturers: Azeem Latib

12:21 PM Discussion and Audience Questions
Moderators: Martin B. Leon

12:26 PM Session Evaluation and Summary
Lecturers: Martin B. Leon

PRESENTATION THEATER PROGRAM: CHALLENGING PCI IN HIGH-BLEEDING RISK PATIENTS - A CASE BASED APPROACH (SPONSORED BY MEDTRONIC)

SUNDAY, SEPTEMBER 23, 2018
1:00 PM - 2:00 PM
Presentation Theater 3, Exhibit Hall, Ground Level

Challenging PCI in High-Bleeding Risk Patients - A Case Based Approach
Co Chairs: Ajay J. Kirtane, Azeem Latib

1:00 PM Welcome and Session Objectives

1:05 PM A Patient Older Than 75 Years

1:13 PM Panel Discussion QA

1:22 PM A Patient Currently Taking Anti Coagulants

1:30 PM Panel Discussion QA

1:39 PM A Patient With a History of Bleeding

1:47 PM Panel Discussion QA

1:56 PM Summary and Close

PRESENTATION THEATER PROGRAM: CLINICAL KALEIDOSCOPE OF NOVEL INTERVENTIONAL TECHNOLOGIES (MERIL LIFE SCIENCES PVT. LTD.)
1:00 PM - 2:00 PM
Clinical Kaleidoscope of Novel Interventional Technologies
Chairs: Teguh Santoso, Samin K. Sharma
Faculty: Alexandre Abizaid, Pierfrancesco Agostoni, Abdul Rahman Al-Mughairi, Praveen Chandra, Alejandro Cherro, Enric Domingo, Martin B. Leon, Gabriel Maluenda, Chen Mao, Sahil A. Parikh, Ravinder Singh Rao, Mohd. Riad Senoussaoui, Ashok Seth, Corrado Tamburino

1:00 PM  Opening Remarks
Lecturers: Martin B. Leon

1:05 PM  Science Behind MyVal  THV Clinical Update
Lecturers: Ashok Seth

1:12 PM  My Experience With MyVal  THV in Complex Clinical Situations
Lecturers: Ravinder Singh Rao

1:19 PM  Next Generation BRS  MeRes100 Science  Clinical Update
Lecturers: Praveen Chandra

1:26 PM  Extending the Role of BRS in PAD  Clinical Update
Lecturers: Sahil A. Parikh

1:33 PM  BioMime  Thinner Strut DES  meriT V  RCT Update
Lecturers: Alexandre Abizaid

1:40 PM  Complex Cases With BioMime Family of SES
Lecturers: Corrado Tamburino

1:47 PM  Panel Discussion

2:00 PM  Adjourn

PRESENTATION THEATER PROGRAM: MORE OPTIONS AND MORE POSSIBILITIES IN TREATING HF PATIENTS WITH MR (SPONSORED BY ABBOTT)

SUNDAY, SEPTEMBER 23, 2018
1:00 PM - 2:00 PM
Presentation Theater 5, Exhibit Hall, Ground Level

1:00 PM - 2:00 PM
More Options and More Possibilities in Treating HF Patients with MR
Faculty: William T. Abraham, Saibal Kar, JoAnn Lindenfeld, Michael J. Mack, Gregg W. Stone

1:00 PM  Welcome
Lecturers: Michael J. Mack

1:05 PM  Emerging Data in the Heart Failure Patient with MR
Lecturers: Gregg W. Stone

1:15 PM  Implications to Patient Care: When Guided Therapy Is Not Enough
Lecturers: William T. Abraham

1:25 PM  The New Heart Team: A Conversation with your Heart Failure Specialist
Lecturers: JoAnn Lindenfeld

1:35 PM  New Horizons in Patient Outcomes with MitraClip NTR  XTR: On Behalf of the EXPAND Investigators
Lecturers: Saibal Kar

1:45 PM  Closing and Remarks
Lecturers: William T. Abraham, Saibal Kar, JoAnn Lindenfeld, Michael J. Mack

2:00 PM  Adjourn

PRESENTATION THEATER PROGRAM: OPTIMIZING PCI: NEW OPTIONS IN CORONARY PHYSIOLOGY & HIGH DEFINITION IVUS(SPONSORED BY BOSTON SCIENTIFIC CORPORATION)

SUNDAY, SEPTEMBER 23, 2018
1:00 PM - 2:00 PM
Presentation Theater 4, Exhibit Hall, Ground Level
**Optimizing PCI: New Options in Coronary Physiology & High Definition IVUS**

1:00 PM - 2:00 PM

**Coronary Physiology Toolbox**  
Lecturers: Morton J. Kern

1:05 PM  
**DFR Methodology Analysis**  
Lecturers: Nils Johnson

1:20 PM  
**When to Use What in Coronary Physiology Post PCI Physiology**  
Lecturers: Ziad A. Ali

1:35 PM  
**HD IVUS When Precision Depth Matter**  
Lecturers: Akiko Maehara

1:50 PM  
**Panel Discussion QA**  
Moderators: Morton J. Kern  
Discussants: Ziad A. Ali, Nils Johnson, Akiko Maehara

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**PRESENTATION THEATER PROGRAM: OPTIMIZING REVASCULARIZATION IN COMPLEX PERIPHERAL ARTERIAL LESIONS (SPONSORED BY MEDTRONIC)**

**SUNDAY, SEPTEMBER 23, 2018**

1:00 PM - 2:00 PM

Presentation Theater 1, Hall B2, Ground Level

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**Optimizing Revascularization in Complex Peripheral Arterial Lesions**

1:00 PM - 2:00 PM

**Introduction**  
Lecturers: Krishna J. Rocha-Singh

1:10 PM  
**Durability of Drug Coated Balloons**  
Lecturers: Krishna J. Rocha-Singh

1:25 PM  
**Vessel Preparation for Optimal Outcomes**  
Lecturers: Brian G. DeRubertis

1:40 PM  
**Optimal Angioplasty Techniques Below the Knee**  
Lecturers: Jon C. George

1:55 PM  
**Closing Remarks**  
Lecturers: Krishna J. Rocha-Singh

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**TRAINING: ABBOTT PAVILION #6 - LARGE BORE ACCESS TO CLOSE: WHAT YOU WANT (AND NEED!!) TO KNOW**

**SUNDAY, SEPTEMBER 23, 2018**

8:00 AM - 9:30 AM

ABBOTT PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

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8:00 AM - 9:30 AM

**Large Bore Access to Close: What You Want (and Need!!) to Know**

Interactive Training Faculty: Paul D. Mahoney, Adhir Shroff

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8:00 AM  
**Introduction: Access Planning and Management of Complications Review**

8:20 AM  
**Hands on Device Deployment**

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**TRAINING: BOSTON SCIENTIFIC PAVILION #6 - LAA: WATCHMAN**

**SUNDAY, SEPTEMBER 23, 2018**

8:00 AM - 9:30 AM

BOSTON SCIENTIFIC PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

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8:00 AM - 9:30 AM

**LAA: Watchman**
**Interactive Training Faculty:** Shephal Doshi, George S. Hanzel, Saibal Kar

8:00 AM  **Latest Watchman Clinical Data and Procedural Tips and Tricks**

**TRAINING: CHIP - ADVANCED PCI TECHNIQUES PAVILION #5 - CORONARY CALCIUM SOLUTIONS**

**SUNDAY, SEPTEMBER 23, 2018**
**8:00 AM - 9:30 AM**
CHIP PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

**8:00 AM - 8:45 AM**
**Rapid Fire Case Presentations**

8:00 AM  **Calcium Complications and Bailout Situations**
Interactive Training Faculty: Ramzan Zakir

8:00 AM  **The Use of Imaging to Assist With Calcium Management**
Interactive Training Faculty: Robert Leonardi

8:00 AM  **Tips and Tricks to Guide and Extension Management**
Interactive Training Faculty: Ramzan Zakir

8:00 AM  **When and How to Use Coronary Atherectomy and the Importance of Stent Underexpansion in Addition to Device Delivery**
Interactive Training Faculty: Jasvindar Singh

**8:45 AM - 9:30 AM**
**Hands-on Rotations Between Boston Scientific, CSI, and Abiomed**

8:45 AM  **Abiomed: Impella Family of Devices**
Interactive Training Faculty: Thom G Dahle, Justin Levisay

**TRAINING: ENDOVASCULAR PAVILION #5 - SFA INTERVENTION, COMPLEX LESIONS, DEBULKING, AND DEFINITIVE THERAPY**

**SUNDAY, SEPTEMBER 23, 2018**
**8:00 AM - 9:30 AM**
ENDOVASCULAR PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

**8:00 AM - 9:30 AM**
**SFA Intervention: De-bulking, Complex Lesions, and Definitive Therapy Session I**

8:00 AM  **Video Introduction: Introducing Unmet Needs  Complex Lesions Definitive Treatment Options and Debunking**

8:10 AM  **Rotation 1: Defensive Treatment Options Featuring Abbott**
Interactive Training Faculty: Danielle Bajakian, Peter Farrugia, Jun Li, Craig M. Walker

8:30 AM  **Rotation 2: Defensive Treatment Options and Debunking Featuring BSC**
Interactive Training Faculty: Beau Hawkins, S. Jay Mathews, Nicolas W Shammas

8:50 AM  **Rotation 3: Defensive Treatment Options Debunking and Complex Lesions Featuring Medtronic**
Interactive Training Faculty: S. Hinan Ahmed, Subhash Banerjee, Anish Thomas

9:10 AM  **Rotation 4: Debunking Featuring CSI**
Interactive Training Faculty: Mahir Elder, Bryan T. Fisher, Vishal Kapur

**TRAINING: HEMODYNAMIC SUPPORT AND PATIENT MANAGEMENT PAVILION #5 - LARGE BORE ACCESS AND CLOSURE**

**SUNDAY, SEPTEMBER 23, 2018**
**8:00 AM - 9:30 AM**
HEMODYNAMIC PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

**8:00 AM - 9:30 AM**
**Large Bore Access and Closure**

8:00 AM  **Percutaneous Axillary AccessLarge Bore Access and Closure: Overview**
Interactive Training Faculty: Amir Kaki, James M. McCabe, Rajiv Tayal
## TRAINING: INTERVENTIONAL IMAGING PAVILION #5 - FUSION IMAGING FOR PARAVALVULAR LEAK

**SUNDAY, SEPTEMBER 23, 2018**

8:00 AM - 9:30 AM  
Interventional Imaging Pavilion, Interactive Training Workshop, Upper Level

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8:00 AM - 9:30 AM

**Fusion Imaging for Paravalvular Leak**  
Interactive Training Faculty: Sameer Gafoor, Michael C. C. Kim, Chad Kliger, Priti Mehta, Rahul Sharma, Torsten P. Vahl, Alan Vainrib

## TRAINING: TAVR PAVILION #5 - WHAT MATTERS MOST FOR AS PATIENTS

**SUNDAY, SEPTEMBER 23, 2018**

8:00 AM - 9:30 AM  
TAVR PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

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8:00 AM - 9:30 AM

**What Matters Most for AS Patients**  
Interactive Training Faculty: Philippe Pibarot, Michael J. Rinaldi, Vinod H. Thourani, Neil J. Weissman

## TRAINING: ABBOTT PAVILION #7 - NOW THAT I SEE IT, I KNOW HOW TO TREAT IT! A HANDS-ON SKILLS LAB

**SUNDAY, SEPTEMBER 23, 2018**

10:00 AM - 11:30 AM  
ABBOTT PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

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10:00 AM - 11:30 AM

**Now That I See It, I Know How to Treat It! A Hands-on Skills Lab**  
Interactive Training Faculty: Ziad A. Ali, Hiram G. Bezerra, Jonathan M. Hill, Vamsi Krishsna, Bruce McLellan, Eric Osborn, Evan Shlafmitz, Gabriel Tensol Rodrigues Pereira, Armando Vergara-Martel

10:00 AM  **OCT: Now that I see It Presentation**

## TRAINING: BOSTON SCIENTIFIC PAVILION #7 - LAA: WATCHMAN

**SUNDAY, SEPTEMBER 23, 2018**

10:00 AM - 11:30 AM  
BOSTON SCIENTIFIC PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

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10:00 AM - 11:30 AM

**LAA: Watchman**  
Interactive Training Faculty: Megan Coylewright, Shephal Doshi, George S. Hanzel

10:00 AM  **Latest Watchman Clinical Data and Procedural Tips and Tricks**

## TRAINING: CHIP - ADVANCED PCI TECHNIQUES PAVILION #6 - CORONARY CALCIUM SOLUTIONS

**SUNDAY, SEPTEMBER 23, 2018**

10:00 AM - 11:30 AM  
CHIP PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

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10:00 AM - 10:45 AM

**Rapid Fire Case Presentations**

10:00 AM  **Calcium Complications and Bailout Situations**
Interactive Training Faculty: Brian P O'Neill
10:00 AM The Use of Imaging to Assist With Calcium Management
Interactive Training Faculty: Binita Shah
10:00 AM Tips and Tricks to Guide and extension Management
Interactive Training Faculty: Mark C. Bieniarz
10:00 AM When and How to Use Coronary Atherectomy and the Importance of Stent Underexpansion in Addition to Device Delivery
Interactive Training Faculty: Rajeev Narayan

10:45 AM - 11:30 AM Hands-on Rotations Between Boston Scientific, CSI, Abiomed
10:45 AM Abiomed Featured Devices: Impella Family of Devices

Training: Endovascular Pavilion #6 - SFA Intervention, Complex Lesions, Debulking, and Definitive Therapy

Sunday, September 23, 2018
10:00 AM - 11:30 AM
Endovascular Pavilion, Interactive Training Workshops (Sails Pavilion), Upper Level

10:00 AM - 11:30 AM SFA Intervention: De-bulking, Complex Lesions, and Definitive Therapy Session II

10:00 AM Video Introduction: Introducing Unmet Needs  Definitive Treatment Options Debulking and Complex Lesions
10:10 AM Rotation 1: Definitive Treatment Options Featuring Abbott
Interactive Training Faculty: Danielle Bajakian, Ethan C Korngold
10:30 AM Rotation 2: Definitive Treatment Options and Debulking Featuring BSC
Interactive Training Faculty: Ehrin J. Armstrong
10:50 AM Rotation 3: Definitive Treatment Options Debulking and Complex Lesions Featuring Medtronic
Interactive Training Faculty: Subhash Banerjee, George S Chrysant, Eric J. Dippel
11:10 AM Rotation 4: Debulking Featuring CSI
Interactive Training Faculty: George L Adams, Beau Hawkins, Carlos I. Mena-Hurtado

Training: Hemodynamic Support and Patient Management Pavilion #6 - Cardiogenic Shock (NCSI)

Sunday, September 23, 2018
10:00 AM - 11:30 AM
Hemodynamic Pavilion, Interactive Training Workshops (Sails Pavilion), Upper Level

10:00 AM - 11:30 AM Cardiogenic Shock: The National Cardiogenic Shock Initiative

10:00 AM NCSI: Improving Outcomes in Cardiogenic Shock
Interactive Training Faculty: William W. O'Neill
10:30 AM ICU Management: Positioning Troubleshooting Escalation
Interactive Training Faculty: Salvatore F Mannino
11:00 AM Treating the Shock Patient: Choosing the Optimal Support Device
Interactive Training Faculty: Navin K. Kapur

Training: Interventional Imaging Pavilion #6 - Fusion Imaging for Paraavalvular Leak

Sunday, September 23, 2018
10:00 AM - 11:30 AM
Interventional Imaging Pavilion, Interactive Training Workshop, Upper Level

10:00 AM - 11:30 AM Fusion Imaging for Paravalvular Leak
Interactive Training Faculty: Colin M. Barker, Omar K. Khalique, Michael C. C. Kim, Chad Kliger, Priti Mehla, Rahul Sharma, Alan Vainrib
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<tr>
<th>Time</th>
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<tr>
<td>10:00 AM</td>
<td><strong>Structural Heart: TAVR in Bicuspid Aortic Valve Training Workshop</strong></td>
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<td>Interactive Training Faculty: Basel Ramlawi</td>
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<td></td>
<td>10:00 AM  <strong>Introduction</strong></td>
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<td></td>
<td>10:05 AM  <strong>Overview of Bicuspid Aortic Valve Disease State</strong></td>
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<td>10:25 AM  <strong>Identification and Classification of Bicuspid Aortic Valves</strong></td>
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<td>10:45 AM  <strong>Sizing methodology controversies and Procedural Considerations for Performing TAVR in Bicuspid</strong></td>
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<tr>
<td>10:00 AM</td>
<td><strong>How to Approach Aortic and Mitral Valve-in-Valve</strong></td>
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<td>Interactive Training Faculty: Vasilis Babaliaros, Adam B. Greenbaum, Mayra Guerrero, Paul D. Mahoney</td>
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<td>10:00 AM  <strong>Introduction</strong></td>
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<td>10:05 AM  <strong>PFO Closure: Recent Data, Techniques, and Best Practices for Managing Patients</strong></td>
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<td>Interactive Training Faculty: Zahid Amin, Lee N. Benson, Patrick A. Calvert, John M. Lasala, Igal Moarof, Rodrigo Nieckel da Costa, Jens Erik Nielsen-Kudsk</td>
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**Structural Heart: Aortic ViV Training Workshop**

Interactive Training Faculty: Basel Ramlawi

- **12:00 PM** | Introduction
- **12:05 PM** | Interactive Case Presentation ViV in Stented Surgical Valves
- **12:35 PM** | Wetlab: Surgical Valve Implant Considerations
- **1:10 PM** | Device Re capture Mitigation of Coronary Occlusion and

**TRAINING: ABBOTT PAVILION #9 - MITRACLIP NTR & XTR: DEVICE & PROCEDURAL TECHNIQUES**

**SUNDAY, SEPTEMBER 23, 2018**

2:00 PM - 3:30 PM

ABBOTT PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

**MitralClip NTR & XTR: Device & Procedural Techniques**


- **2:00 PM** | Introduction
- **2:05 PM** | Didactic Device Overview
- **2:25 PM** | Hands On Device Deployment

**TRAINING: BOSTON SCIENTIFIC PAVILION #9 - INNOVATIONS IN TAVR: LOTUS EDGE, ACURATE NEO2, AND SENTINEL CEREBRAL PROTECTION SYSTEM**

**SUNDAY, SEPTEMBER 23, 2018**

2:00 PM - 3:30 PM

BOSTON SCIENTIFIC PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

**Innovations in TAVR: LOTUS Edge, ACURATE neo2, and Sentinel Cerebral Protection System**

Interactive Training Faculty: Alexandre Abizaid, Vijay Iyer, Saib Khogali

- **2:00 PM** | Introduction to LOTUS Edge: Technology and Case Reviews
- **2:15 PM** | QA
- **2:20 PM** | Introduction to ACURATE neo2: Technology and Case Reviews
- **2:35 PM** | QA
- **2:40 PM** | Introduction to Sentinel Embolic Protection Device
- **2:50 PM** | QA

**TRAINING: CHIP - ADVANCED PCI TECHNIQUES PAVILION #7 - TEACHING OLD DOGS NEW TRICKS**

**SUNDAY, SEPTEMBER 23, 2018**

2:00 PM - 3:30 PM

CHIP PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

- **2:00 PM - 2:45 PM** | Rapid Fire Case Presentations
- **2:00 PM** | Complications Management
Interactive Training Faculty: Matthias Göteborg

2:00 PM Crossing and Delivery Issues
Interactive Training Faculty: Dimitrios Bliagos

2:00 PM Radial Tips and Tricks
Interactive Training Faculty: Kintur Sanghvi

2:00 PM Troubleshooting Common Problems in Complex PCI: When the Guide Won't Engage When the Lesion or Branch Can't Be Wired Open Vessel When the Balloon Won't Cross When the Stent Doesn't Expand Non Coaxial and Co Axial Anchoring
Interactive Training Faculty: Pravin K Goel

2:45 PM - 3:30 PM
Hands-on Rotations Between Boston Scientific, Medtronic, and TBD

2:45 PM Medtronic Inc Featured Device: Radial Guides Onyx Simulator and Videos for loops
Interactive Training Faculty: Matthias Göteborg, Azeem Latib, Duane S. Pinto

TRAINING: ENDOVASCULAR PAVILION #7 - SFA INTERVENTION, COMPLEX LESIONS, DEBULKING, AND DEFINITIVE THERAPY

SUNDAY, SEPTEMBER 23, 2018
2:00 PM - 3:30 PM
ENDOVASCULAR PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

2:00 PM - 3:30 PM
SFA Intervention: De-bulking, Complex Lesions, and Definitive Therapy Session III
Interactive Training Faculty: Samer Abbas, George L Adams, Mohammad Mehdi Ansari, Ehrin J. Armstrong, Anvar Babaev, George S Chrysant, Eric J. Dippel, Ethan C Korngold, S. Jay Mathews, Mitul Patel, Mehdi H. Shishehbor, Mitchell Weinberg

2:00 PM Video Introduction: Introducing Unmet Needs Definitive Treatment Options Debunking and Complex Lesions

2:10 PM Rotation 1: Definitive Treatment Options Featuring Abbott
Interactive Training Faculty: Ethan C Korngold, Mehdi H. Shishehbor

2:30 PM Rotation 2: Definitive Treatment Options and Debunking Featuring BSC
Interactive Training Faculty: Mohammad Mehdi Ansari, Anvar Babaev, S. Jay Mathews

2:50 PM Rotation 3: Definitive Treatment Options Debunking and Complex Lesions Featuring Medtronic
Interactive Training Faculty: Samer Abbas, Anvar Babaev, Mitul Patel, Mitchell Weinberg

3:10 PM Rotation 4: Definitive Treatment Options and Complex Lesions Featuring Cook
Interactive Training Faculty: George L Adams, Ehrin J. Armstrong, Eric J. Dippel

TRAINING: HEMODYNAMIC SUPPORT AND PATIENT MANAGEMENT PAVILION #7 - HEMODYNAMICS OF SHOCK AND HIGH RISK PCI

SUNDAY, SEPTEMBER 23, 2018
2:00 PM - 3:30 PM
HEMODYNAMIC PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

2:00 PM - 3:30 PM
Introduction to TEACH: Training and Education in Advanced Cardiovascular Hemodynamics

2:00 PM Training and Education in Advanced Cardiovascular Hemodynamics: TEACH Intro
Interactive Training Faculty: Daniel Burkhoff

2:20 PM Simulated cases on HRPCI Hands On
Interactive Training Faculty: John M. Lasala

3:00 PM Simulated Cases on AMICGS Hands On
Interactive Training Faculty: Perwaiz M. Meraj

TRAINING: INTERVENTIONAL IMAGING PAVILION #7- ADVANCED IMAGING FOR VALVE-IN-VALVE

SUNDAY, SEPTEMBER 23, 2018
2:00 PM - 3:30 PM
Interventional Imaging Pavilion, Interactive Training Workshop, Upper Level

2:00 PM - 3:30 PM
Advanced Imaging for Valve-in-Valve
Interactive Training Faculty: Omar K. Khalique, Rahul Sharma, Torsten P. Vahl
TRAINING: MEDTRONIC PAVILION #8 - STRUCTURAL HEART: CONFRONTING THE PATIENT WITH CORONARY ARTERY DISEASE AND AORTIC STENOSIS

SUNDAY, SEPTEMBER 23, 2018
2:00 PM - 3:30 PM
MEDTRONIC PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

2:00 PM - 3:30 PM
Structural Heart: Confronting the Patient With Coronary Artery Disease and Aortic Stenosis
Interactive Training Faculty: Harold L. Dauerman

- 2:00 PM  Introduction/Welcome Remarks
- 2:05 PM  Appropriate treatment pathway for patients presenting with both CAD and AS
- 2:05 PM  Case base Discussion
- 2:05 PM  Initial Treatment Decisions and Considerations

TRAINING: TAVR PAVILION #7 - UNDERSTANDING THV HEMODYNAMICS AND DURABILITY

SUNDAY, SEPTEMBER 23, 2018
2:00 PM - 3:30 PM
TAVR PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

2:00 PM - 3:30 PM
Understanding THV Hemodynamics and Durability
Interactive Training Faculty: Pamela S. Douglas, Danny Dvir, Rebecca T. Hahn, Philippe Pibarot, Vinod H. Thourani

TRAINING: ABBOTT PAVILION #10 - GUIDEWIRE DESIGN AND SELECTION: A HANDS-ON USER'S GUIDE TO GUIDE WIRE TECHNOLOGY

SUNDAY, SEPTEMBER 23, 2018
4:00 PM - 5:30 PM
ABBOTT PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

4:00 PM - 5:30 PM
Interactive Training Faculty: David Daniels, Jack Hall, Amir Kaki, William Nicholson, Robert F. Riley

- 4:00 PM  Introduction
- 4:05 PM  Didactic on Guidewire Building Blocks and WH wires
- 4:15 PM  Hands on Workhorse Wires Activity
- 4:30 PM  Polymer Jacketed Wires Overview and Hands on Activity
- 4:50 PM  Extra Support Specialty wires Overview and Hands on Activity
- 5:10 PM  Wiggle wire Overview and Hands on Activity

TRAINING: BOSTON SCIENTIFIC PAVILION #10 - INNOVATIONS IN TAVR: LOTUS EDGE, ACURATE NEO2, AND SENTINEL CEREBRAL PROTECTION SYSTEM

SUNDAY, SEPTEMBER 23, 2018
4:00 PM - 5:30 PM
BOSTON SCIENTIFIC PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

4:00 PM - 5:30 PM
Innovations in TAVR: LOTUS Edge, ACURATE neo2, and Sentinel Cerebral Protection System
Interactive Training Faculty: Alexandre Abizaid, Daniel J. Blackman, Vijay Iyer
4:00 PM  Introduction to LOTUS Edge: Technology and Case Reviews
4:15 PM  QA
4:20 PM  Introduction to ACURATE neo2: Technology and Case Reviews
4:35 PM  QA
4:40 PM  Introduction to Sentinel Embolic Protection Device
4:50 PM  QA

TRAINING: CHIP - ADVANCED PCI TECHNIQUES PAVILION #8 - TEACHING OLD DOGS NEW TRICKS

SUNDAY, SEPTEMBER 23, 2018
4:00 PM - 5:30 PM
CHIP PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

4:00 PM - 4:45 PM
Rapid Fire Case Presentations

4:00 PM  Complications Management  
Interactive Training Faculty: Junjie Zhang

4:00 PM  Crossing and Delivery Issues  
Interactive Training Faculty: Ryan D. Madder

4:00 PM  Radial Tips and Tricks  
Interactive Training Faculty: William A Rollefsen

4:00 PM  Troubleshooting Common Problems in Complex PCI: When the Guide Wont Engage When the Lesion or Branch Cant Be Wired Open Vessel When the Balloon Wont Cross When the Stent Doesnt Expand Non Coaxial and Co Axial Anchoring  
Interactive Training Faculty: Kevin J. Croce

4:45 PM - 5:30 PM
Hands-on Rotations Between Boston Scientific Corporation, Medtronic Inc., and TDB

4:45 PM  Medtronic Inc Featured Device: Radial Guides Onyx Simulator and Videos for loops  
Interactive Training Faculty: Francesco Burzotta, Fausto Feres, Duane S. Pinto

TRAINING: ENDOVASCULAR PAVILION #8 - SFA INTERVENTION, COMPLEX LESIONS, DEBULKING, AND DEFINITIVE THERAPY

SUNDAY, SEPTEMBER 23, 2018
4:00 PM - 5:30 PM
ENDOVASCULAR PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

4:00 PM - 5:30 PM
SFA Intervention: De-bulking, Complex Lesions, and Definitive Therapy Session IV  
Interactive Training Faculty: Samer Abbas, Mohammad Mehdi Ansari, Gary M. Ansel, Anvar Babaev, Karthik R. Gujja, Vishal Kapur, Mitul Patel, Mehdi H. Shishehbor, Mitchell Weinberg, Ramzan Zakir

4:00 PM  Video Introduction: Introducing Unmet Needs  
Definitive Treatment Options Debunking and Complex Lesions

4:10 PM  Rotation 1: Definitive Treatment Options Featuring Abbott  
Interactive Training Faculty: Mohammad Mehdi Ansari, Mehdi H. Shishehbor, Ramzan Zakir

4:30 PM  Rotation 2: Definitive Treatment Options and Debunking Featuring BSC  
Interactive Training Faculty: Anvar Babaev, S. Jay Mathews

4:50 PM  Rotation 3: Definitive Treatment Options Debunking and Complex Lesions Featuring Medtronic  
Interactive Training Faculty: Karthik R. Gujja, Mitchell Weinberg

5:10 PM  Rotation 4: Definitive Treatment Options and Complex Lesions Featuring Cook  
Interactive Training Faculty: Samer Abbas, Gary M. Ansel, Virendra I Patel

TRAINING: HEMODYNAMIC SUPPORT AND PATIENT MANAGEMENT PAVILION #8 - COMPLEX PROTECTED PCI

SUNDAY, SEPTEMBER 23, 2018
4:00 PM - 5:30 PM
HEMODYNAMIC PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level
4:00 PM - 5:30 PM
Complex Protected PCI

Complex Protected PCI: Patient Identification
Interactive Training Faculty: Hiram G. Bezerra

4:20 PM
Simulated Cases on HRPCI Simulation Hands On
Interactive Training Faculty: Mauricio G. Cohen, Duane S. Pinto

4:55 PM
InsertionRepositioning Hands On
Interactive Training Faculty: Paul D. Mahoney, Adhir Shroff

TRAINING: INTERVENTIONAL IMAGING PAVILION #8 - ADVANCED IMAGING FOR VALVE-IN-VALVE

SUNDAY, SEPTEMBER 23, 2018
4:00 PM - 5:30 PM
Interventional Imaging Pavilion, Interactive Training Workshop, Upper Level

TRAINING: MEDTRONIC PAVILION #9 - EV: IDENTIFYING SUPERFICIAL VENOUS DISEASE AND TREATMENT OPTIONS

SUNDAY, SEPTEMBER 23, 2018
4:00 PM - 5:30 PM
MEDTRONIC PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

EV: Identifying Superficial Venous Disease and Treatment Options
Interactive Training Faculty: Robert E Foster, Jon C. George, Maja Zaric

4:00 PM
Introduction

4:05 PM
Didactic Presentation: Understanding Venous Disease Treatment Options for Your Patient

TRAINING: TAVR PAVILION #8 - ADVANCING EFFICIENCY IN TAVR

SUNDAY, SEPTEMBER 23, 2018
4:00 PM - 5:30 PM
TAVR PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

Advancing Efficiency in TAVR
Interactive Training Faculty: Anita Asgar, David J. Cohen, James L. Velianou, David A. Wood

INTERNATIONAL SESSION: A POTPOURRI OF HIGH-RISK AND COMPLEX CASES OF CORONARY, PERIPHERAL, AND STRUCTURAL HEART DISEASE INTERVENTION, PRESENTED BY TSCI (TAIWAN SOCIETY OF CARdiovascular INTERVENTIONS), ISIC (INDONESIAN SOCIETY OF INTERVENTIONAL CARDiology), CIAT (CARdiovascular INTERVENTion ASSOCIATION OF THAILAND), CVIT (JAPANESE ASSOCIATION OF CARdiovascular INTERVENTION and THERAPEUTICS)

SUNDAY, SEPTEMBER 23, 2018
8:30 AM - 10:00 AM
Room 27A-B, Upper Level

8:30 AM - 9:11 AM
Session I. High-Risk and Complex Intervention Part 1
Moderators: Paul Hsien-Li Kao, Wason Udayachalerm
Discussants: Wacin Buddhari, Chi-Jen Chang, Takaharu Nakayoshi, Sadiqur Rifqzi, Yoshito Yamamoto

8:30 AM
Introduction and Session I Goals
Lecturers: Paul Hsien-Li Kao
8:31 AM Thailand Presents: A Nightmare in CTO Intervention  Chasing the Remnant
Case Presenter: Nattawut Wongpraparut
8:39 AM Indonesia Presents: PCI and TAVI in a High Risk Patient With ACS Caused by Diffuse Left Coronary Artery Full Metal Jacket In Stent Stenosis With Severe Aortic Stenosis
Case Presenter: Teguh Santoso
8:47 AM Japan Presents: Endovascular Entry Closure of Aortic Dissection With an Amplatzer Vascular Plug 2
Case Presenter: Yosuke Hata
8:55 AM Taiwan Presents: Taiwan TAVR Registry
Lecturers: Wei-Hsián Yin
9:03 AM Roundtable Discussion With Audience QA
9:09 AM Session I Conclusions and Take home Messages
Lecturers: Wasan Udayachalerm

9:11 AM - 10:00 AM Session II. High-Risk and Complex Intervention Part 2
Moderators: Yutaka Hikichi, Teguh Santoso
Discussants: Hsuan-Li Huang, Wirash Kehasukcharoen, Wen-Lieng Lee, Samuel Sudanawidjaja, Damras Tresukosol

9:11 AM Introduction and Session II Goals
Lecturers: Yutaka Hikichi
9:12 AM Taiwan Presents: Endovascular Revascularization of Chronic Carotid Artery Occlusion
Case Presenter: Ying-Hsien Chen
9:20 AM Thailand Presents: Percutaneous Closure of a High Flow Acquired Renal AV Fistula Using AVP2 in a Patient With Heart Failure and Pulmonary Hypertension
Case Presenter: Krissada Meemook
9:28 AM Japan Presents: BRAVO Technique  Complete Revascularization for Heavily Calcified Common Femoral Artery Occlusion Without Surgical Endarterectomy
Case Presenter: Yoshito Yamamoto
9:36 AM Indonesia Presents: A Patient With Total Occlusion of Both Subclavian Arteries Both Iliac Arteries the Abdominal Aorta and Left Main How to Treat
Case Presenter: Linda Lison
9:44 AM Taiwan Presents: Conquer ALI  Exhaust All the Weapons in Taiwan
Case Presenter: Chung-Ho Hsu
9:52 AM Roundtable Discussion With Audience QA
9:58 AM Session II Conclusions and Take home Messages
Lecturers: Teguh Santoso

INTERNATIONAL SESSION: TREATMENT DILEMMAS IN ACUTE CORONARY SYNDROMES PRESENTED BY CARDIOLOGY SOCIETY OF SERBIA WORKING GROUP ON INTERVENTIONAL CARDIOLOGY, FYR MACEDONIAN SOCIETY OF CARDIOLOGY, HELLENIC SOCIETY WORKING GROUP ON INTERVENTIONAL CARDIOLOGY, CYPRUS SOCIETY OF CARDIOLOGY AND SLOVENIAN WORKING GROUP FOR INTERVENTIONAL CARDIOLOGY

SUNDAY, SEPTEMBER 23, 2018
9:00 AM - 10:30 AM
Room 24C, Upper Level

9:00 AM - 10:30 AM Treatment Dilemmas in Acute Coronary Syndromes
Moderators: Miha Cercek, Michalis Hamilos, Milan A. Nedeljkovic, Emmanouil I Skalidis
Discussants: Christos Christou, Sasko Kedev, Konstantinos Toutouzas

9:00 AM Slovenia Presents: Literature Review and a Case: ACS in a Patient With Large Thrombotic Burden
Lecturers: Miha Cercek
9:13 AM Roundtable Discussion With Audience QA
9:18 AM FYRO Macedonia Presents: Literature Review and a Case: Transradial Access for Complex Left Main PCI
Lecturers: Sasko Kedev
9:31 AM Roundtable Discussion With Audience QA
9:36 AM Greece Presents: Literature Review and a Case: PCI for Spontaneous Coronary Artery Dissection
Lecturers: Michalis Hamilos
9:49 AM Roundtable Discussion With Audience QA
9:54 AM Cyprus Presents: Literature Review and a Case: Complex Transradial Primary PCI of an Aneurysmal Tortuous Right Coronary Artery Filled With Thrombus
Lecturers: Christos Christou
10:07 AM  Roundtable Discussion With Audience QA

10:12 AM  Serbia Presents: Literature Review and a Case: To Stent or Not to Stent in a Patient With ECG Changes Suggestive of Ischemia
Lecturers: Milan A. Nedeljkovic

10:25 AM  Roundtable Discussion With Audience QA

INTERNATIONAL SESSION: COMPLEX HIGH-RISK INDICATED PATIENTS (CHIP PCI) PRESENTED BY THE BRITISH CARDIOVASCULAR INTERVENTION SOCIETY, RUSSIAN SCIENTIFIC SOCIETY OF ENDOVASCULAR THERAPIES, SCOTTISH CARDIAC SOCIETY, AND THE IRISH CARDIAC SOCIETY

SUNDAY, SEPTEMBER 23, 2018
10:00 AM - 11:30 AM
Room 27A-B, Upper Level

10:00 AM - 11:30 AM
Complex High-Risk Indicated Patients (CHIP PCI)
Moderators: Margaret B. McEntegart, James Nolan
Discussants: Bagrat Alekyan, Richard A Anderson, Vladimir Ganyukov, Mamas Mamas

10:00 AM  Impact of Aging on CHIP PCI Technique and Outcomes
Lecturers: Richard A Anderson

10:08 AM  Case Presentation 1: The Wisdom of CHIP PCI in a Very Elderly Patient
Case Presenter: Karim Ratib

10:14 AM  Case 1 Commentary: The Wisdom of CHIP PCI in a Very Elderly Patient  What Would I Have Done With This Patient
Lecturers: Mamas Mamas

10:20 AM  CHIP PCI Outcomes in UK Practice: Insight From the BCIS PCI Registry
Lecturers: Tim Kinnaird

10:28 AM  Vascular Access Management in the CHIP Patient
Lecturers: Sergey A. Abugov

10:36 AM  Case Presentation 2: Benefits and Hazards of Distal Radial Access in the CHIP Patient
Case Presenter: Evgeny V. Merkulov

10:42 AM  Case 2 Commentary: Benefits and Hazards of Distal Radial Access in the CHIP Patient  How I Would Have Done This Case
Lecturers: Mamas Mamas

10:48 AM  Contemporary Assessment and Management of Coronary Calcium

10:56 AM  Case Presentation 3: Resistant Calcific Left Main Stem Disease

11:02 AM  Case 3 Commentary: Resistant Calcific Left Main Stem Disease  What Does the Literature Tell Us
Lecturers: Nick Curzen

11:08 AM  Mechanical Circulatory Support for CHIP PCI: Is There Any Good Data

11:16 AM  Case Presentation 4: Mechanical Circulatory Support in CHIP PCI
Case Presenter: Alexey Protopopov

11:22 AM  Case 4 Commentary: Mechanical Circulatory Support in CHIP PCI: How I Would Have Managed This Case
Case Presenter: David Burke

11:28 AM  Concluding Remarks
Lecturers: Margaret B. McEntegart, James Nolan

INTERNATIONAL SESSION: STEMI POTPOURRI PRESENTED BY THE CANADIAN ASSOCIATION OF INTERVENTIONAL CARDIOLOGY; KOREAN SOCIETY OF INTERVENTIONAL CARDIOLOGY; SWISS WORKING GROUP INTERVENTIONAL CARDIOLOGY AND ACUTE CORONARY SYNDROME; VIETNAM NATIONAL HEART ASSOCIATION

SUNDAY, SEPTEMBER 23, 2018
10:30 AM - 12:00 PM
Room 24C, Upper Level

10:30 AM - 12:00 PM
STEMI Potpourri Presented by The Canadian Association of Interventional Cardiology; Korean Society of Interventional Cardiology; Swiss Working Group Interventional Cardiology and Acute Coronary Syndrome; Vietnam National Heart Association
Moderators: Akshay Bagai, Stephen Cook
Discussants: Warren J. Cantor, Stephane Noble, Hung Manh Pham

10:30 AM  Case Presentation From Canada: False Activation and Alternative Diagnoses
Case Presenter: Warren J. Cantor

10:40 AM  Roundtable Discussion With Audience QA
10:45 AM  Case Presentation From Switzerland: STEMI Post TAVI  
Case Presenter: Stephane Noble

10:55 AM  Roundtable Discussion With Audience QA

11:00 AM  Case Presentation From S Korea: Complete Vs IRA only PCI Among STEMI Patients With MVD

11:10 AM  Roundtable Discussion With Audience QA

11:15 AM  Case Presentation From Vietnam: Pharmacoinvasive Strategy In the Developing World  
Case Presenter: Quang Ngoc Nguyen

11:25 AM  Roundtable Discussion With Audience QA

11:30 AM  Unsettled Issues in STEMI Intervention: The Grand Discussion  
Lecturers: Akshay Bagai, Stephen Cook

INTERNATIONAL SESSION: EXPLORING THE UNKNOWN OF INTERVENTIONAL CARDIOLOGY  PCI AND STRUCTURAL INTERVENTIONS PRESENTED BY THE PORTUGUESE ASSOCIATION OF INTERVENTIONAL CARDIOLOGY (APIC), SOCIEDADE BRASILEIRA DE HEMODINÂMICA E CARDIOLOGÍA INTERVENCIONISTA (SBHCI), PHILIPPINE HEART ASSOCIATION, AND THE SINGAPORE CARDIAC SOCIETY

SUNDAY, SEPTEMBER 23, 2018
1:30 PM - 3:30 PM
Room 24C, Upper Level

1:30 PM  Exploring the Unknown of Interventional Cardiology: PCI and Structural Interventions  
Moderators: Paul JL Ong, João A Silveira
Discussants: Andres Jr N Baysa, Alexandre Schoon Quadros

1:30 PM  Welcome and Session Objectives  
Lecturers: João A Silveira

1:34 PM  Case 1: Percutaneous Closure of Anything With Something  The Off Label Use of Devices Mitral Leak Post MI VSD Ascending Aorta Pseudoaneurysm LV Pseudoaneurysm  
Case Presenter: Antonio Fiarresga

1:44 PM  Roundtable Discussion With Audience QA

1:48 PM  Case 2: Multiple Long term TAVI Failures: A Unique Case Treated With Three Different Devices  
Case Presenter: Ricardo A. Costa

1:58 PM  Roundtable Discussion With Audience QA

2:02 PM  Case 3: An Improvised Fenestrated ASD Occluder in Severe Pulmonary Hypertension  
Case Presenter: Richard Nicandro R Torres

2:12 PM  Roundtable Discussion With Audience QA

2:16 PM  Case 4: OCT Findings and Management of a Dislodged Magnesium Based Bioresorbable Scaffold  
Lecturers: Chee Yang Chin

2:26 PM  Roundtable Discussion With Audience QA

2:30 PM  Case 5: Stent Failure: ISR  How to Treat  
Case Presenter: Pedro de Araujo Goncalves

2:40 PM  Roundtable Discussion With Audience QA

2:44 PM  Case 6: Provisional Reverse Stenting in an Ostial Circumflex Lesion  
Case Presenter: Alexandre Schaan Quadros

2:54 PM  Roundtable Discussion With Audience QA

2:58 PM  Case 7: When Calcium Hits You in The Face  
Rota STEMI and OPN Balloon at 4 AM  
Case Presenter: Fahim Haider Jafary

3:08 PM  Roundtable Discussion With Audience QA

3:12 PM  Case 8: A Complicated EVAR  
Case Presenter: John S Tan

3:22 PM  Roundtable Discussion With Audience QA

3:26 PM  Closing Remarks  
Lecturers: Paul JL Ong

INTERNATIONAL SESSION: CARDIAC INTERVENTIONS IN THE SETTING OF ACUTE MYOCARDIAL INFARCTION, ORGANIZED BY THE SPANISH WORKING GROUP ON INTERVENTIONAL CARDIOLOGY, TURKISH WORKING GROUP OF INTERVENTIONAL CARDIOLOGY, DUTCH WORKING GROUP
3:30 PM - 5:00 PM
**Cardiac Interventions in the Setting of Acute Myocardial Infarction**
Moderators: Enver Atalar, David W.M. Muller, Armando Perez de Prado, Niels van Royen
Discussants: Nezihi Baris, Rik Hermanides, Raul Moreno, Mark W.I. Webster

3:30 PM
**Introduction**
Lecturers: Armando Perez de Prado

3:35 PM
**Spain Presents: Hemodynamic Support in a Killip IV Class Patient With Acute Myocardial Infarction**
Case Presenter: Ana Belen Cid Alvarez

3:47 PM
**Spain Discusses: How Would I Approach This Patient and Cardiogenic Shock in General**
Lecturers: Raul Moreno

3:54 PM
**Turkey Presents: A Patient With Coronary Thrombus Undergoing Primary PCI for STEMI Is Stenting Always a Solution**
Case Presenter: Cem Barcin

4:06 PM
**Turkey Discusses: How Would I Approach This Patient and Coronary Thrombus in General**
Lecturers: Nezihi Baris

4:13 PM
**The Netherlands Presents: A Patient With STEMI and Multivessel Disease Approach to the Noninfarct Vessels**
Case Presenter: Rik Hermanides

4:25 PM
**The Netherlands Discusses: How Would I Approach This Patient and Multivessel Disease in STEMI in General**
Lecturers: Niels van Royen

4:32 PM
**Australia Presents: A Patient With Spontaneous Coronary Artery Dissection To Treat or Not**
Case Presenter: Scott Harding

4:44 PM
**Australia Discusses: How Would I Approach This Patient and SCAD in General**
Lecturers: Mark W.I. Webster

4:51 PM
**Take home Messages**
Lecturers: David W.M. Muller

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**INTERNATIONAL SESSION: OCT GUIDANCE IN LEFT MAIN BIFURCATIONS, PRESENTED BY THE NORDIC-BALTIC-BRITISH STUDY GROUP FOR INTERVENTIONAL CARDIOLOGY**

3:30 PM - 5:30 PM
Room 27A-B, Upper Level

3:30 PM - 4:00 PM
**Session I. Simple Left Main Bifurcation Treatment Guided by OCT**
Discussants: Andrejs Erglis, Niels R. Holm

3:30 PM
**Structured OCT Guidance for Left Main Bifurcation Stenting**
Lecturers: Niels R. Holm

3:40 PM
**Case 1: OCT in Simple Left Main Bifurcation Stenting**
Case Presenter: Indulis Kumsars

3:50 PM
**Case 2: OCT Guided Provisional Left Main Stenting Should I Stent This Circumflex**
Case Presenter: Johan R Bennett

4:00 PM - 4:30 PM
**Session II. OCT Findings During Complex Left Main Bifurcation Stenting**
Moderators: Evald H. Christiansen
Discussants: Andrejs Erglis, Niels R. Holm

4:00 PM
**OCT in the Left Main Coronary Artery Practical Tips and Tricks**
Lecturers: Francesco Burzotta

4:10 PM
**Case 3: OCT as Cosupervisor for the Young Interventionalist Undertaking Left Main Bifurcation Stenting**
Case Presenter: Karlis Grikis

4:20 PM
**Case 4: Complex Left Main Stenting Requires Invasive Imaging Even in Experienced Hands**
4:30 PM - 5:00 PM
Session III. OCT-Guided Two-Stent Treatment in Left Main Bifurcation Lesions
Discussants: Andrejs Erglis, Niels R. Holm

4:30 PM OCT Guided DK Crush: Practical Aspects
Lecturers: Lene N Andreasen

4:40 PM Case 5: OCT for DK Crush The Critical Steps

4:50 PM Case 6: OCT for Culotte The Critical Points
Case Presenter: Paul Knaapen

5:00 PM - 5:30 PM
Session VI. OCT-Guided Plaque Preparation in Distal Left Main Bifurcation Stenting
Moderators: Evald H. Christiansen
Discussants: Andrejs Erglis, Niels R. Holm

5:00 PM OCT Guided Plaque Preparation for Calcified Distal Left Main Lesions
Lecturers: Evald H. Christiansen

5:07 PM Case 7: Severely Calcified Distal Left Main Bifurcation Lesion
Case Presenter: Olli A. Kajander

5:17 PM Case 8: Diffuse Disease in Distal Branches Stent Length by Angiography or OCT
Case Presenter: Stuart Watkins

5:27 PM Summary and Take home Messages

INTERNATIONAL SESSION: TCT INTERNATIONAL FELLOWS SESSION

SUNDAY, SEPTEMBER 23, 2018
4:30 PM - 6:05 PM
Room 33B-C, Upper Level

4:30 PM - 5:03 PM
Session I. Top Three International Fellows Cases
Moderators: Ori Ben-Yehuda, Mohamed Ahmed Sobhy
Discussants: Mirvat Alasnag, Carlos Cabrera Arroyo, Rabin dra Nath Chakraborty, Afzalur Rahman, Wojtek Wojakowski, Pedro de Araujo Goncalves

4:30 PM Introduction of Top 3 Selected winners
Lecturers: Ori Ben-Yehuda

4:35 PM First Place Winner Case Title: Coronary Compression Exclusion With Intravascular Ultrasound During Percutaneous Pulmonary Valve Implantation Subsequently Complicated By Homograft Rupture
Case Presenter: Karol Zbronski

4:42 PM Second Place Winner Case Title: Utility Of The Hybrid Approach Treating Highly Symptomatic Patient With Multiple Failed Prior Bypass Surgeries And Interventions
Case Presenter: Peter Taji

4:49 PM Third Place Winner Case Title: The Point Of No Turning Back
Case Presenter: Hesham Bahaaeldin

4:56 PM Roundtable Discussion with Audience QA
Moderators: Ori Ben-Yehuda

5:03 PM - 5:45 PM
Session II. Fellows Got Talent Case Competition!
Moderators: Wojtek Wojakowski
Discussants: Mirvat Alasnag, Ori Ben-Yehuda, Carlos Cabrera Arroyo, Rabin dra Nath Chakraborty, Mohamed Ahmed Sobhy, Pedro de Araujo Goncalves

5:03 PM Case 1 A: Left Main Stem LMS Percutaneous Coronary Intervention PCI With High Speed Rotational Atherectomy HSRA Prior To Transcatheter Aortic Valve Replacement TAVR
Case Presenter: Novalia Sidik

5:10 PM Case 2 B: A Calcified Lad Coronary Perforation
Case Presenter: Mesfer Alfadhel

5:17 PM Case 3 C: Liver Or Let Die
Case Presenter: Michael Michail

5:24 PM Case 4 D: Treatment Of Calcific Coronary Arteries In The Setting Of Acute Coronary Syndrome In An Elderly Frail Person With Poor Peripheral Arterial Access
Case Presenter: Muhammad Zia-Ul-Haq

5:31 PM Voting Commences Winner Announced TCT Poll AppPlease vote on the case you found most challenging Options: A B C or D
MODERATED POSTER SESSION: ASSESSMENT AND IMPACT OF AORTIC REGURGITATION

SUNDAY, SEPTEMBER 23, 2018
8:30 AM - 9:30 AM
Moderated Posters 3, Exhibit Hall, Ground Level

8:30 AM - 9:30 AM
Assessment and Impact of Aortic Regurgitation
Moderators: Philipp Blanke, Randolph P. Martin
Discussants: Konstantinos Spargias

8:30 AM
TCT 443: Quantitative Assessment of Aortic Regurgitation in 7 Different Types of Aortic Valves After Transcatheter Aortic Valve Implantation A Multicenter Analysis By An Independent Core Lab Not Sponsored By the industry
Lecturers: Patrick W. Serruys
Discussion

8:42 AM
TCT 444: Comparison of Transthoracic Echocardiogram With Quantitative Assessment of Aortic Regurgitation After TAVI With Videodensitometry in a Large Real World Population: Sub Analysis of the RESPOND Registry
Lecturers: Rodrigo Modolo
Discussion

8:54 AM
TCT 445: Feasibility of Analysis of A Novel Quantitative Method to Assess Aortic Regurgitation After TAVI: Preliminary Results of the ASSESS REGURGEProtocolled Quantitative ASSESSment of Aortic Regurgitation Using Videodensitometry in a Multicenter Study
Lecturers: Mohamed Abdel-Wahab
Discussion

9:06 AM
TCT 446: Feasibility Study of a Single Synchronized Diastolic injection With Low Contrast Volume for Aortography in a Progressive Aortic Regurgitation Porcine Model
Lecturers: Rodrigo Modolo
Discussion

9:18 AM
TCT 447: Severity Assessment of Transcatheter Aortic Valve Paravalvular Regurgitation Based on the Leakage Momentum Flux
Lecturers: Mohammad Barakat
Discussion

MODERATED POSTER SESSION: BEST OF MODERATED TAVR POSTER ABSTRACTS II

SUNDAY, SEPTEMBER 23, 2018
8:30 AM - 9:30 AM
Moderated Posters 1, Exhibit Hall, Ground Level

8:30 AM - 9:18 AM
Best of Moderated TAVR Poster Abstracts II
Moderators: Stephen R. Ramee
Discussants: Robert J. Gil, Jean-Michel Paradis, Eric Van Belle, David A. Wood, Wei-Hsian Yin

8:30 AM
TCT 433: The Impact of Multislice Computed Tomography Based Aortic Valve Annular Dimensions on Hemodynamic Performance of Self Expanding Transcatheter Valves Compared With individual Surgical Valve Types
Lecturers: G. Michael Deeb
8:37 AM Discussion

8:42 AM TCT 434: Assessing National Estimates of 30 Readmission Rates and Associated Costs With Transcatheter and Surgical Aortic Valve Replacement in the United States
Lecturers: Kimberly Moore

8:49 AM Discussion

8:54 AM TCT 435: The Outcomes of Bicuspid Aortic Valve Patients Undergoing Surgical vs Transcatheter Aortic Valve Replacement
Lecturers: Mohamad Soud

9:01 AM Discussion
Lecturers: Mark Hensey

9:06 AM TCT 436: Aldehydes Potential Drivers of Valve Leaflet Thrombosis Post Transcatheter Aortic Valve Replacement
Lecturers: Mark Hensey

9:13 AM Discussion

MODERATED POSTER SESSION: CATH LAB OF THE FUTURE: TELEMEDICINE AND ROBOTICS

SUNDAY, SEPTEMBER 23, 2018
8:30 AM - 9:30 AM
Moderated Posters 2, Exhibit Hall, Ground Level

8:30 AM - 9:30 AM
Cath Lab of the Future: Telemedicine and Robotics
Moderators: Giora Weisz
Discussants: R. Stefan Kiesz, Samin K. Sharma

8:30 AM TCT 438: Telemedicine Increases the Access to Primary Percutaneous Coronary Intervention Saving Costs and Lives in ST Elevation Myocardial Infarction STEMI Three Year Analysos of the Latin America Telemedicine Network LATInProgram in Sao Paulo East Z
Lecturers: Sameer Mehta

8:37 AM Discussion

8:42 AM TCT 439: Long Term Savings With Telemedicine STEMI Networks
Lecturers: Sameer Mehta

8:49 AM Discussion

8:54 AM TCT 440: Revascularization Outcomes Financial Impact and Mortality Reduction Effects of a Telemedicine Guided Strategy on Population Based AMI Management
Lecturers: Sameer Mehta

9:01 AM Discussion

9:06 AM TCT 441: SOCIME LATIn: Partners for Comprehensive Nationwide AMI Care in Mexico
Lecturers: Sameer Mehta

9:13 AM Discussion

9:18 AM TCT 442: Robotic Peripheral Vascular Intervention With Drug Coated Balloons Is Feasible and Reduces Operator Radiation Exposure Results of the Robotic Assisted Peripheral Intervention for Peripheral Artery Disease RAPID Study II
Lecturers: Ehtisham Mohmud

9:25 AM Discussion

MODERATED POSTER SESSION: HEMODYNAMIC SUPPORT AND HIGH RISK PCI

SUNDAY, SEPTEMBER 23, 2018
8:30 AM - 9:30 AM
Exhibit Hall, Ground Level, Moderated Posters 4Moderated Posters 4, Exhibit Hall, Ground Level

8:30 AM - 9:30 AM
Hemodynamic Support and High Risk PCI
Moderators: Marvin J. Slepian
Discussants: Carlo Briguori, Ian C. Gilchrist, Michael A. Kutch, John S. Sapirstein, Christian M. Spaulding

8:30 AM TCT 448: Impact of Clinical indication Risk Strata on Outcomes in Patients Supported With Impella Microaxial Heart Pumps
Lecturers: Eisha Wali

8:37 AM Discussion

8:42 AM TCT 449: Trends in Utilization and Hospital Variation in the Use of Mechanical Circulatory Support Devices in Patients Undergoing Percutaneous Coronary
8:49 AM  Discussion
8:54 AM  TCT 450: Coronary and Myocardial Haemodynamic Effects of Impella LV Unloading in Patients Undergoing High Risk Percutaneous Coronary Intervention  
Lecturers: Natalia Briceno
9:01 AM  Discussion
9:06 AM  TCT 451: Incidence Correlates and Impact of Left Ventricular Ejection Fraction Improvement on Short and Long Term Clinical Outcome of Patients Undergoing High Risk Percutaneous Coronary Intervention A Single Center Experience  
Lecturers: Serdar Farhan
9:13 AM  Discussion
9:18 AM  TCT 452: Hemodynamics and Its Predictors During Impella Protected PCI in High Risk Patients With Reduced Ejection Fraction  
Lecturers: Giulio Russo
9:25 AM  Discussion

MODERATED POSTER SESSION: INTRACORONARY PHYSIOLOGY STUDIES II

SUNDAY, SEPTEMBER 23, 2018  
8:30 AM - 9:30 AM  
Moderated Posters 7, Exhibit Hall, Ground Level

8:30 AM - 9:30 AM  Intracoronary Physiology Studies II  
Moderators: Nick E. J. West  
Discussants: Amir Lerman, Miodrag C. Ostojcic, Seung-Jung Park, Expedito Eustáquio Ribeiro, Shengxian Tu

8:30 AM  TCT 463: Instability of Coronary Flow Velocity and Basal Microvascular Resistance Does Not Affect Reproducibility of IFR Post PCI  
Lecturers: Muhammad Aetesam-Ur-Rahman

8:37 AM  Discussion

8:42 AM  TCT 464: Diagnostic Classification of the Coronary Flow Velocity Reserve and Hyperemic Stenosis Resistance Index Using Contrast Media  
Lecturers: Masafumi Nakayama

8:49 AM  Discussion

8:54 AM  TCT 465: Diagnostic Accuracy of Microcatheter Derived Fractional Flow Reserve Systematic Review With Lesion Level Analysis  
Lecturers: Ozan Demir

9:01 AM  Discussion

9:06 AM  TCT 466: Clinical Utility of a Novel Mathematical Solution for Assessment of Individual Lesion Contribution in Serial Coronary Artery Disease  
Lecturers: Bhavik Modi

9:13 AM  Discussion

9:18 AM  TCT 467: Adenosine Free Indexes vs FFR for Functional Evaluation A Systematic Meta Analysis  
Lecturers: Antonio Maria Leone

9:25 AM  Discussion

MODERATED POSTER SESSION: MANAGEMENT OF IN-STENT RESTENOSIS II

SUNDAY, SEPTEMBER 23, 2018  
8:30 AM - 9:30 AM  
Moderated Posters 6, Exhibit Hall, Ground Level

8:30 AM - 9:30 AM  Management of In-stent Restenosis II  
Moderators: Carl L. Tommaso  
Discussants: Daniele Giacoppo, Joo Myung Lee, Ramon Quesada, Yasunori Ueda, Bo Xu

8:30 AM  TCT 458: Additional Diagnostic Value of CT Perfusion Over Coronary CT Angiography in Stented Patients With Suspected In Stent Restenosis or Coronary Artery Disease Progression ADVANTAGE Study Preliminary Results  
Lecturers: Daniele Andreini

8:37 AM  Discussion

8:42 AM  TCT 459: Drug Eluting Balloons vs New Generation Drug Eluting Stents for the Management of In Stent Restenosis An Updated Meta Analysis of
Randomized Studies  
Lecturers: Lei Gao

8:49 AM  Discussion

8:54 AM  TCT 460: Prognostic Value of Irregular Protrusion and Subsequent Neoatherosclerosis After Second Generation Drug Eluting Stent Implantation  
Optical Coherence Tomography Study  
Lecturers: Kounosuke Inoue

9:01 AM  Discussion

9:06 AM  TCT 461: Association Between In Stent Neoatherosclerosis and Restenosis in Patients With Acute Myocardial Infarction at 5 Years Follow Up Assessed By Optical Coherence tomography  
Lecturers: Masaru Kuroda

9:13 AM  Discussion

9:18 AM  TCT 462: Drug Eluting Stent Therapy for Recurrent In Stent Restenosis Following Failed Vascular BrachyTherapy  
Lecturers: Kyle Buchanan

9:25 AM  Discussion

MODERATED POSTER SESSION: NEWER DES I

SUNDAY, SEPTEMBER 23, 2018  
8:30 AM - 9:30 AM  
Moderated Posters 8, Exhibit Hall, Ground Level

8:30 AM - 9:30 AM  
Newer DES I
Moderators: Andreas Baumbach
Discussants: Bjorn Redfors, Giulio Stefanini

8:30 AM  TCT 468: Sequential Techniques of Provisional Stenting in Coronary Bifurcation With the Xposition S Self Apposing Nitinol Stent  
A Comparative Bench Study  
Lecturers: Francois Derimay

8:37 AM  Discussion

8:42 AM  TCT 469: One Year Clinical Outcome of Biodegradable Polymer Sirolimus ElutingStent in Patients With Acute Coronary Syndrome Insight From the ULISSE Registry  
Lecturers: Elisabetta Moscorella

8:49 AM  Discussion

8:54 AM  TCT 470: Worldwide Everyday Practice Registry Assessing the Xposition S Self Apposing Stent in Challenging Lesions With Vessel Diameter Variance SIZING Registry  
Lecturers: Marcus Siry

9:01 AM  Discussion

9:06 AM  TCT 471: BIOVITESSE  Multicenter Prospective First in Man Study of a New Polymer Free Drug Coated Stent With Ultrathin Struts: One Month Optical Coherence Tomography Results of Cohort 1  
Lecturers: Lorenz Raber

9:13 AM  Discussion

9:18 AM  TCT 472: ACS vs Non ACS  
A Predefined Sub Study Analysis of e Cobra  
Lecturers: Luc Maillard

9:25 AM  Discussion

MODERATED POSTER SESSION: TAVR RISK STRATIFICATION AND OUTCOMES II

SUNDAY, SEPTEMBER 23, 2018  
8:30 AM - 9:30 AM  
Moderated Posters 5, Exhibit Hall, Ground Level

8:30 AM - 9:30 AM  
TAVR Risk Stratification and Outcomes II
Moderators: Ganesh Manoharan, Tamim Nazif
Discussants: Stefan C. Bertog, Bruce Bowers, Jaffar M Khan, Markus Florian Krackhardt, Richard Smalling

8:30 AM  TCT 453: Appropriateness of Transcatheter Aortic Valve Replacement  
Insight From the Ocean TAVI Registry
TCT 454: Myocardial Fibrosis Imaging By Speckle Tracking Echocardiography Improves Risk Stratification in Severe Aortic Stenosis After Transcatheter Aortic Valve Replacement
Lecturers: Ahmad Marshad
8:49 AM Discussion

TCT 455: Transfemoral TAVI in Patients With Unfavorable Conditions for TAVI Following the European Guidelines of Valvular Heart Disease
Lecturers: Leire Unzue
9:01 AM Discussion

TCT 456: Association of Immediate Improvement in Renal Function After Transcatheter Aortic Valve Replacement and Post Operative Outcomes in Patients With Renal Dysfunction
Lecturers: Alexis Okoh
9:13 AM Discussion

TCT 483: PARADIGM EXTEND Prospective Academic Trial of Cguard MicroNet Covered Self Expandable Stent System in All Comer Symptomatic and Increased Stroke Risk Asymptomatic Carotid Stenosis Cumulative 3 Year Clinical and Duplex Ultrasound Evidence for S
Lecturers: Piotr Musialek
9:37 AM Discussion

TCT 484: Electrosurgical Laceration of Alfieri Stitch ELASTIC to Facilitate Transcatheter Mitral Valve Replacement First in Human Report
Lecturers: Jaffar M Khan
9:49 AM Discussion

TCT 486: Patent foramen Ovale Closure vs Medical Therapy for Cryptogenic Stroke An Updated Systematic Review and Meta Analysis
Lecturers: Sunny Goel
10:01 AM Discussion

TCT 487: Analysis of Outcomes of Drug Coating Balloon Use for of Symptomatic Femoropopliteal Arterial Disease Treatment
Lecturers: Daniel Garcia
10:13 AM Discussion

TCT 488: Risk of Mortality Associated With Use of Mechanical Support Devices Among Comatose Cardiac Arrest Patients
Lecturers: Abhishek Dutta
9:37 AM Discussion

TCT 489: Use of a Percutaneous Left Ventricular Assist Device for Patients With Cardiogenic Shock
Lecturers: Waqas Malick

9:49 AM Discussion

9:54 AM TCT 490: Right Atrial Pressure Predicts Mortality in Cardiogenic Shock Insights From the Cardiogenic Shock Working Group Registry
Lecturers: Kevin Morine

10:01 AM Discussion

10:06 AM TCT 491: Post Impella Implant Mortality Determinants and Associated Lactate Levels in Cardiogenic Shock Patients A Single Center Experience
Lecturers: Yong Ji

10:13 AM Discussion

Lecturers: Kevin Morine

10:25 AM Discussion

MODERATED POSTER SESSION: INTRAVASCULAR IMAGING AND INCOMPLETE STENT APPOSITION

SUNDAY, SEPTEMBER 23, 2018
9:30 AM - 10:30 AM
Moderated Posters 7, Exhibit Hall, Ground Level

9:30 AM - 10:30 AM
Intravascular Imaging and Incomplete Stent Apposition
Moderators: Robert-Jan van Geuns
Discussants: Martin W. Bergmann, Daniel H. Berrocal, Adriano Caixeta

9:30 AM TCT 503: Cut off Value of Strut Vessel Distance on Resolution of Acute incomplete Stent Apposition At One Month Using Serial Optical Coherence tomography After Cobalt Chromium Everolimus Eluting Stent Implantation in Patients With Stable Coronary Artery
Lecturers: Hideto Oda

9:37 AM Discussion

9:42 AM TCT 504: incidence and Natural Course of incomplete Stent Apposition in Heavily Calcified Lesions Requiring Rotational AthereCTOmy Prior to Stenting: An Optical Coherence tomography Study
Lecturers: Atsushi Kyodo

9:49 AM Discussion

9:54 AM TCT 505: Temporal Changes of Stent Apposition Immediately After Stent Deployment Using Optical Coherence tomography
Lecturers: Hyuck Jun Yoon

10:01 AM Discussion

10:06 AM TCT 506: Cut off Value of Malapposition Volume on Resolution of Acute incomplete Stent Apposition At One Month Using Serial Optical Coherence tomography After Cobalt Chromium Everolimus Eluting Stent Implantation in Patients With Stable Coronary Artery
Lecturers: Yohei Uchimura

10:13 AM Discussion

10:18 AM TCT 507: Increase of Coronary Lumen Area With Improved Stent Apposition After Self Expandable Stenting in Total Occlusions: Results of the SPACIOUS Pilot Study
Lecturers: Selina Vlieger

10:25 AM Discussion

MODERATED POSTER SESSION: NEWER DES II

SUNDAY, SEPTEMBER 23, 2018
9:30 AM - 10:30 AM
Moderated Posters 8, Exhibit Hall, Ground Level

9:30 AM - 10:30 AM
Newer DES II
Moderators: Roxana Mehran
Discussants: Nicolas Foin, Philippe Garot, Ioannis Iakovou, Petr Kala, Daniel I. Simon

9:30 AM TCT 508: Tracking Tissue Distribution and Retention of Sirolimus and Analog Delivered From Polymer Free Drug Coated Stents
Lecturers: Abraham Tzofiri

9:37 AM Discussion
9:42 AM  TCT 509: Eighteen Month Results of High Risk Patients Treated With Ultrathin Strut Biodegradable Polymer Orsiro DES the Bioflow III Satellite Italy Subgroups Analysis
Lecturers: Stefano Galli
Discussion
9:49 AM  TCT 510: Dutch Multicenter Experience Using the STENTYS Xposition S Self Expanding Stent in Complex Coronary Lesions
Lecturers: Selina Vlieger
10:01 AM  TCT 511: Two Year Clinical Results With the Angiolite Drug Eluting Stent: The ANCHOR Study
Lecturers: Rishi Puri
10:13 AM  TCT 512: A Polymer Free Biolimus Coated Stent for the Management of Real World Patients With Coronary Artery Disease
Lecturers: Alfonso Ielasi
10:25 AM  Discussion

MODERATED POSTER SESSION: OPTIMAL DIAGNOSIS AND TREATMENT OF PATIENTS WITH STEMI OR NSTEMI II

SUNDAY, SEPTEMBER 23, 2018
9:30 AM - 10:30 AM
Moderated Posters 6, Exhibit Hall, Ground Level

9:30 AM - 10:30 AM
Optimal Diagnosis and Treatment of Patients with STEMI or NSTEMI II
Moderators: Christian W. Hamm
Discussants: Tayo A. Addo, M Chadi Alraies, Usman Baber, Otavio Berwanger, Pawel E. Buszman, Jun-Jack Cheng

9:30 AM  TCT 498: Tissue Protrusion After Coronary Stenting is Associated With Poor Clinical Outcomes in Patients With ST Segment Elevation Myocardial Infarction
Lecturers: Yoshiyuki Okuy
Discussion
9:37 AM  TCT 499: Prognostic Implications of Pre Procedural TIMI Flow in Patients With STEMI Undergoing PCI With Drug Eluting Stent Implantation
Lecturers: Rafal Wolny
9:49 AM  Discussion
9:54 AM  TCT 500: Prognostic Implications of Reduced Pre Procedural TIMI Flow in Patients With NonSt Segment Elevation Acute Coronary Syndromes Undergoing PCI
Lecturers: Rafal Wolny
10:01 AM  Discussion
10:06 AM  TCT 501: Profilin 1 Concentration Is A Marker of Symptom Duration in Myocardial Infarction
Lecturers: Elzbieta Paszek
10:13 AM  Discussion
10:18 AM  TCT 502: Are Pharmaco invasive Therapy Results After 6 Hours of Symptoms Onset Adequate How Do they Compare With Those Treated With Less Than 6 Hours
Lecturers: Guilherme Cintra
10:25 AM  Discussion

MODERATED POSTER SESSION: SELECTED EARLY INNOVATIVE TECHNIQUES

SUNDAY, SEPTEMBER 23, 2018
9:30 AM - 10:30 AM
Moderated Posters 2, Exhibit Hall, Ground Level

9:30 AM - 10:30 AM
Selected Early Innovative Techniques
Moderators: Louis A. Cannon, Peter J. Fitzgerald
Discussants: Mark C. Bates, Steven J. Yakubov

9:30 AM  TCT 478: In Vivo Performance of A Novel Permanently Implanted Left Atrial Pressure Monitoring System
Lecturers: Leor Perl
9:30 AM  Discussion

9:30 AM - 10:30 AM  TAVR and Conduction and Rhythm Disturbances
Moderators: Michael Mooney, Alexandre C. Zago
Discussants: James Cockburn, Anibal A. Damonte, Nimesh Desai, Chandan Devireddy, Manuel Pan

9:30 AM  TCT 473: Left Bundle Branch Block After TAVI With Edwards Sapien 3 System  Influence of the Valve Depth
Lecturers: Leire Unzue
9:37 AM  Discussion

9:42 AM  TCT 475: Pacemaker Dependency at 2 month Follow up After Permanent Pacemaker Implantation Caused by Transcatheter Aortic Valve Implantation induced Conduction Disturbances
Lecturers: Martin van Mourik
9:49 AM  Discussion

9:54 AM  TCT 476: New Onset Atrial Fibrillation in Patients Undergoing Transfemoral Transcatheter Aortic Valve Replacement  Risk Factors and Outcome
Lecturers: Felix Woitek
10:01 AM  Discussion

10:06 AM  TCT 477: Prevalence and Clinical Impact of Baseline QRS Duration in Patients With Severe Aortic Stenosis Two Years After Aortic Valve Replacement in the PARTNER II Trial
Lecturers: Leon Gustavo Macedo
10:13 AM  Discussion

9:30 AM  Discussion

9:30 AM - 10:30 AM  TAVR Techniques and Outcomes II
Moderators: Reginald I. Low
Discussants: Joseph Carozza, Antoine Lafont, Simon Cheung-chi Lam, John M. Lasala, Michael J. Mullen

9:30 AM  TCT 493: Long Term Patient Satisfaction After TAVR  Should Treating Physicians Be Less Worried About Symptoms as Outcome Measure
Lecturers: Jeroen Vendrik
9:37 AM  Discussion

9:42 AM  TCT 494: Influence of High Device Positioning on Outcomes After Transcatheter Aortic Valve Replacement With Contemporary Self Expanding Valves
Lecturers: Zhen-Gang Zhao
MODERATED POSTER SESSION: CATHETER-BASED TREATMENT OF PERIPHERAL VASCULAR DISEASE III

SUNDAY, SEPTEMBER 23, 2018
10:30 AM - 11:30 AM
Moderated Posters 3, Exhibit Hall, Ground Level

10:30 AM - 11:30 AM
Catheter-based Treatment of Peripheral Vascular Disease III
Moderators: Jeffrey G. Carr, Robert D. Safian
Discussants: Julie Logan, Mahmood K. Razavi, Mehdi H. Shishehbor

10:30 AM TCT 523: RVOTAo Ratio on Computed Tomography Better Predicts RV Dysfunction and Invasive Hemodynamic Abnormalities as Compared to RVLV Ratio in Patients With Pulmonary Embolism
Lecturers: Alexandru Marginean

10:37 AM Discussion

10:42 AM TCT 524: Results of Self Expanding Nitinol Stents Post Dilated With Drug Coated Balloon in Treatment of Femoropoplitial Disease
Lecturers: Adil Wani

10:49 AM Discussion

10:54 AM TCT 525: First Report of the 12 Month Outcomes of SELUTion Trial: A Novel Sirolimus Coated DCB Technology Evaluated in SFA
Lecturers: Klaus Brechtl

11:01 AM Discussion

11:06 AM TCT 526: Long Term Biocompatibility of A Novel Bioresorbable Scaffold for Peripheral Arteries: A Preliminary Study in Yucatan Miniswine
Lecturers: Marco Ferrone

11:13 AM Discussion

MODERATED POSTER SESSION: CTO FOLLOW-UP WITH MEDICAL THERAPY

SUNDAY, SEPTEMBER 23, 2018
10:30 AM - 11:30 AM
Moderated Posters 4, Exhibit Hall, Ground Level

10:30 AM - 11:18 AM
CTO follow-up with Medical Therapy
Moderators: Jennifer A. Tremmel
Discussants: Stefan Harb, Ravi S. Hira, Waleed Y Kadro, Jaikrishan Kathri, Iosif Xenogiannis, Masatoki Yoshida

10:30 AM TCT 528: Impact of Revascularization vs Medical Therapy AlOne for Chronic Total Occlusion Management in Elderly Patients
Lecturers: Eduardo Flores

10:37 AM Discussion

10:42 AM TCT 168: Development of a Human Like Coronary Chronic Total Occlusion Model Using Human Atherosclerotic Tissue
Lecturers: Gilberto Melnick

10:49 AM Discussion

10:54 AM TCT 530: Long Term Clinical Outcomes in Patients With Coronary Chronic Total Occlusion Undergoing Optimal Medical Therapy
Lecturers: Euihong Ko
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<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Lecturer(s)</th>
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<tbody>
<tr>
<td>11:01</td>
<td>Discussion</td>
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<tr>
<td>11:06</td>
<td>TCT 531: Percutaneous Coronary Intervention vs Optimal Medical Treatment for Chronic Total Occlusion: A Meta Analysis</td>
<td>Muhammad Khalid</td>
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<td>11:13</td>
<td>Discussion</td>
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**MODERATED POSTER SESSION: INTRACORONARY PHYSIOLOGY STUDIES III**

**SUNDAY, SEPTEMBER 23, 2018**

**10:30 AM - 11:30 AM**

**Intracoronary Physiology Studies III**

**Moderators:** Allen Jeremias, Tim P. van de Hoef
**Discussants:** Rasha Al-Lamee, Roberto Diletti, Vincent J. Pompili, Afzalur Rahman, Gerald S. Werner, Alan C. Yeung

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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>10:30 AM</td>
<td>TCT 542: Comparison of Sodium Nitroprusside and Adenosine for Fractional Flow Reserve Assessment: A Systematic Review and Meta Analysis</td>
<td>Raul Solerno</td>
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<tr>
<td>10:37 AM</td>
<td>Discussion</td>
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<td>10:42 AM</td>
<td>TCT 543: Residual Ischemia is Frequent in the Vessel Undergoing Percutaneous Coronary Intervention: Results of A Prospective Registry</td>
<td>Barry Uretsky</td>
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<td>10:49 AM</td>
<td>Discussion</td>
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<td>10:54 AM</td>
<td>TCT 544: A Novel Physiological Assessment of Myocardial Mass Volume</td>
<td>Tadashi Murai</td>
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<td>11:01 AM</td>
<td>Discussion</td>
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<td>11:06 AM</td>
<td>TCT 545: Defining Coronary Responders of intra Aortic Balloon Pump Counterpulsation</td>
<td>Natalie Briceno</td>
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<td>11:13 AM</td>
<td>Discussion</td>
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<td>11:18 AM</td>
<td>TCT 546: Microvascular Dysfunction After Immediate vs Deferred Stenting in Patients With Acute Myocardial Infarction</td>
<td>Hyunjong Lee</td>
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<td>11:25 AM</td>
<td>Discussion</td>
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**MODERATED POSTER SESSION: MISCELLANEOUS TAVR COMPLICATIONS II**

**SUNDAY, SEPTEMBER 23, 2018**

**10:30 AM - 11:30 AM**

**Miscellaneous TAVR Complications II**

**Moderators:** Mauricio G. Cohen
**Discussants:** Robert J. Applegate, Larry S. Dean, David W.M. Muller, Ramon Quesada, Pieter R. Stella

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<tr>
<td>10:30 AM</td>
<td>TCT 532: Reduced Left Ventricular Ejection Fraction After Transcatheter Aortic Valve Replacement</td>
<td>Paige Craig</td>
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<td>10:37 AM</td>
<td>Discussion</td>
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<td>10:42 AM</td>
<td>TCT 533: Predictors of High Hospital Cost After Transcatheter Aortic Valve Replacement in the United States: Analysis of Nationwide inpatient Sample Database</td>
<td>Tomo Ando</td>
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<td>10:49 AM</td>
<td>Discussion</td>
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<td>10:54 AM</td>
<td>TCT 534: Clinical Impacts of Periprocedural Myocardial Injury After Transcatheter Aortic Valve Replacement</td>
<td>Hanbit Park</td>
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<td>11:01 AM</td>
<td>Discussion</td>
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<tr>
<td>11:06 AM</td>
<td>TCT 535: Left Ventricular Diastolic Function and Cardiovascular Mortality After Transcatheter Aortic Valve Replacement</td>
<td>Sang Yong Om</td>
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<td>11:13 AM</td>
<td>Discussion</td>
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MODERATED POSTER SESSION: NEWER DES III

SUNDAY, SEPTEMBER 23, 2018
10:30 AM - 11:30 AM
Moderated Posters 8, Exhibit Hall, Ground Level

10:30 AM - 11:30 AM
Newer DES III
Moderators: Kenneth Chin, Stephan Windecker
Discussants: Hyeon-Cheol Gwon, Sigmund Silber, João A Silveira, S C Wong, Masahisa Yamane

10:30 AM
TCT 547: initial Experience With Ultrathin Strut Biodegradable Polymer Coated Everolimus Eluting Coronary Stent in Coronary Artery Disease Patients
Lecturers: K. Siivoprasad
10:37 AM
Discussion

10:42 AM
TCT 548: Predictors of Clinical Outcomes After Polymer Free Amphilimus and Biolimus Eluting Stents: The FREE FUTURE Study
Lecturers: Mauro Chiarito
10:49 AM
Discussion

10:54 AM
TCT 549: Long Term Clinical Outcomes After Implantation of Novel Abluminal Coated Sirolimus Eluting Stent in Real World Unselected Population: Update From en ABl E Registry
Lecturers: Luca Testa
11:01 AM
Discussion

11:06 AM
TCT 550: Safety and Efficacy of Ultra Thin Biodegradable Polymer Coated Everolimus Eluting Stent in Real World Patients With Coronary Artery Disease One Year Outcomes of Indian Multi Centric Study
Lecturers: Manjinder Sandhu
11:13 AM
Discussion

11:18 AM
TCT 551: Extremely Early Optical CoHerence tOmogRaphy Comparative Study Among Drug Eluting Stents With Persistent aBsorbable Or Without PolymER HORSEPOWER Study
Lecturers: Beatriz Vaquerizo
11:25 AM
Discussion

MODERATED POSTER SESSION: PCI IN HIGH BLEEDING RISK (HBR) PATIENTS II

SUNDAY, SEPTEMBER 23, 2018
10:30 AM - 11:30 AM
Moderated Posters 6, Exhibit Hall, Ground Level

10:30 AM - 11:30 AM
PCI in High Bleeding Risk (HBR) Patients II
Moderators: Michel R. Le May
Discussants: Teresa L. Carman, Kurt Huber, Piotr Jankowski, Michelle O'Donoghue, Giulio Stefanini, Clemens von Birgelen

10:30 AM
TCT 537: Impact of Concomitant Anticoagulant Drug on Long Term Thrombotic and Bleeding Event and After Everolimus Eluting Stent Implantation
Lecturers: Katsuya Miura
10:37 AM
Discussion

10:42 AM
TCT 538: Bleeding Outcomes in Patients Undergoing Combined TAVRPCI: Time for An Adjustment to the CathPCI Bleeding Model
Lecturers: Aakriti Gupta
10:49 AM
Discussion

10:54 AM
TCT 539: Clinical Outcomes in High Bleeding Risk Patients Undergoing Complex PCI With the Xience Everolimus Eluting Stent: A Patient Level Pooled Analysis From Four Xience Post Approval Trials
Lecturers: Birgit Vogel
11:01 AM
Discussion

11:06 AM
TCT 540: Incidence Predictors and Impact of Post Discharge Gastrointestinal Bleeding After Coronary Drug Eluting Stents Implantation: The ADAPT DES Study
Lecturers: Gennaro Giustino
11:13 AM  Discussion

11:18 AM  TCT 541: The Validity of PRECISE DAPT Score for the Predicting Bleeding Complication in Patients Treated With Dual Antiplatelet Therapy
Lecturers: Moo Hyun Kim

11:25 AM  Discussion

MODERATED POSTER SESSION: PCI IN PATIENTS WITH PREVIOUS CABG

SUNDAY, SEPTEMBER 23, 2018
10:30 AM - 11:30 AM
Moderated Posters 2, Exhibit Hall, Ground Level

10:30 AM - 11:30 AM
PCI in Patients With Previous CABG
Moderators: J. Dawn Abbott
Discussants: John S. Douglas Jr, Tak W. Kwan, Faisal Latif, Partha Sardar

10:30 AM  TCT 518: Drug Eluting Stents vs Bare Metal Stents in Saphenous Vein Graft Interventions: Meta Analysis of Randomized Controlled Trials
Lecturers: Jai Parekh

10:37 AM  Discussion

10:42 AM  TCT 519: A Comprehensive Meta Analysis of Randomized Controlled Trials Comparing Drug Eluting Stents With Bare Metal Stents in Saphenous Vein Graft Interventions
Lecturers: Kirstin Hesterberg

10:49 AM  Discussion

10:54 AM  TCT 520: Long Term Outcomes of Saphenous Vein Graft Percutaneous Coronary Intervention
Lecturers: Novalia Sidik

11:01 AM  Discussion

11:06 AM  TCT 521: Long Term Cardiovascular Outcomes With Drug Eluting Stents vs Bare Metal Stents in Saphenous Vein Graft Interventions: Insights From An Updated Meta Analysis of Randomized Controlled Trials
Lecturers: Amartya Kundu

11:13 AM  Discussion

11:18 AM  TCT 522: Long Term Outcomes With Saphenous Vein Graft vs Native Coronary Artery Intervention in Patients With Coronary Artery Bypass Grafting: Evidence From Meta Analysis and Meta Regression
Lecturers: Marwan Saad

11:25 AM  Discussion

MODERATED POSTER SESSION: TAVR VS TAVR AND TAVR VS SAVR I

SUNDAY, SEPTEMBER 23, 2018
10:30 AM - 11:30 AM
Moderated Posters 1, Exhibit Hall, Ground Level

10:30 AM - 11:30 AM
TAVR vs TAVR and TAVR vs SAVR I
Moderators: Wilson Y. Szeto
Discussants: Anita Asgar, Nirat Beohar, William F. Faron, Amit N. Patel, Pinak B. Shah

10:30 AM  TCT 513: Transcatheter vs Surgical Aortic Valve Replacement in Low Risk Surgical Patients: A Meta Analysis of Randomized Clinical Trials
Lecturers: Babikir Kheiri

10:37 AM  Discussion

10:42 AM  TCT 514: Balloon Expandable Sapien 3 29mm vs Self Expandable Evolut R 34mm in TAVR Patients With A Large Annulus: Is there A Difference in Performance and Risk of Cerebral Embolization
Lecturers: Christina Brinkmann

10:49 AM  Discussion

10:54 AM  TCT 515: SAVR Vs TAVR in Patients With Previous Myocardial Infarction: A Nationwide Propensity Matched Analysis
Lecturers: Bhrugesh Shah

11:01 AM  Discussion

11:06 AM  TCT 516: the Outcome of Transcatheter Aortic Valve Replacement Compared to Surgical Aortic Valve Replacement in Patients With Heart Failure With
Reduced Ejection Fraction  
Lecturers: Yasser Al-Khadra

11:13 AM  Discussion

11:18 AM  TCT 517: Outcome of Transcatheter Aortic Valve Replacement vs Surgical Aortic Valve Replacement in Patients With Peripheral Arterial Disease  
Lecturers: Amr Idris

11:25 AM  Discussion

MODERATED POSTER SESSION: ASD AND PFO CLOSURE II

SUNDAY, SEPTEMBER 23, 2018  
11:30 AM - 12:30 pm  
Moderated Posters 1, Exhibit Hall, Ground Level

11:30 AM - 12:18 pm  
ASD and PFO Closure II  
Moderators: Peter C. Block  
Discussants: Parag Barwad, Ozgen Dogan, Marek Grygier, Michael J. Mullen, Srihari S. Naidu, Carmelo Panetta

11:30 AM  TCT 552: Impact of Occluder Device on Longterm Outcome After Percutaneous Closure of Patent foramen Ovale in Patient With Cryptogenic Cerebral Ischemic Events  
Lecturers: Julia Seeger

11:37 AM  Discussion

11:42 AM  TCT 553: Patent foramen Ovale Closure and Cryptogenic Stroke Time to Update Guidelines  
Lecturers: Mahesh Anantha Narayanan

11:49 AM  Discussion

11:54 AM  TCT 554: Comparison of Transcatheter and Surgical Repair of Atrial Septal Defect: Analysis From Nationwide inpatient Sample  
Lecturers: Yashwant Agrawal

12:01 PM  Discussion

12:06 PM  TCT 555: Feasibility and Safety Efficacy Profile of the Percutaneous Patent foramen Closure: Noblestitch El vs Other Devices  
Lecturers: Federico De Marco

12:13 PM  Discussion

MODERATED POSTER SESSION: CATH LAB OF THE FUTURE: STRATEGIES TO CONTROL RADIATION EXPOSURE II

SUNDAY, SEPTEMBER 23, 2018  
11:30 AM - 12:30 pm  
Moderated Posters 2, Exhibit Hall, Ground Level

11:30 AM - 12:30 pm  
Cath Lab of the Future: Strategies to Control Radiation Exposure II  
Moderators: Andrew J. Einstein, Ryan D. Madder  
Discussants: Steven L. Almany, Lloyd W. Klein, Bo Xu

11:30 AM  TCT 556: Comparison of Radiation Exposure in PCI Between Radial and Femoral Approach Using Nanodot Dosimeters on Patients and Direct Readout Pocket Mini Dosimeter on Operators  
Lecturers: Arul Shanmugam

11:37 AM  Discussion

11:42 AM  TCT 557: Impact of a Suspended Lead Suit on Physician Radiation Doses Across Patient BMI Categories During Coronary Angiography  
Lecturers: Lahdan Refahiyat

11:49 AM  Discussion

11:54 AM  TCT 558: Efficacy of Disposable Lead Free Radiation Protection Drape Radpad During Diagnostic and Interventional Procedures  
Lecturers: Hung Ngo

12:01 PM  Discussion

12:06 PM  TCT 559: Prevalence of Eye Lesions in Interventional Cardiology Staff in Mexico: Estudio iCataratas  
Lecturers: Jose Azpir-Lopez

12:13 PM  Discussion
MODERATED POSTER SESSION: COMPUTATIONAL FLUID DYNAMICS (CT-FFR, QFR, INTRAVASCULAR IMAGING-FFR, AND OTHERS) III

SUNDAY, SEPTEMBER 23, 2018
11:30 AM - 12:30 PM
Moderated Posters 7, Exhibit Hall, Ground Level

11:30 AM - 12:30 PM
Computational Fluid Dynamics (CT-FFR, QFR, Intravascular Imaging-FFR, and others) III
Moderators: Stephan Achenbach, Nils Johnson
Discussants: Takashi Kubo, James E. Udelson, Neal G. Uren

11:30 AM  TCT 578: Assessment of Lesion Specific Ischemia Using Fractional Flow Reserve FFR Profiles Derived From Coronary Computed tomography Angiography FFRCT and invasive Measurements FFRINV: Importance of the Site of Measurement and Implications for Patient
Lecturers: Elvis Cami
11:37 AM  Discussion
11:42 AM  TCT 579: Evaluation of the Diagnostic Performance of the Quantitative Flow Ratio QFR According to the Inter individual Variations in the Adenosine Response During Fractional Flow Reserve FFR Measurement
Lecturers: Hernan Mejia-Renteria
11:49 AM  Discussion
11:54 AM  TCT 580: Relationship Between Adverse Plaque Characteristics and Wall Shear Stress Assessed By Computational Fluid Dynamics
Lecturers: You Jeong Ki
12:01 PM  Discussion
12:06 PM  TCT 581: Diagnostic Value of Longitudinal Flow Gradient for the Presence of Hemodynamically Significant Coronary Artery Disease
Lecturers: Michiel Bom
12:13 PM  Discussion
12:18 PM  TCT 582: Network Meta Analysis of Diagnostic Test Accuracy Studies on Non invasive Imaging for Coronary Artery Disease: Evidence on 13 Isolated Or Hybrid Tests 661 Studies and 97173 Patients
Lecturers: Giuseppe Biondi-Zoccai
12:25 PM  Discussion

MODERATED POSTER SESSION: MANAGEMENT OF IN-STENT RESTENOSIS III

SUNDAY, SEPTEMBER 23, 2018
11:30 AM - 12:30 PM
Moderated Posters 6, Exhibit Hall, Ground Level

11:30 AM - 12:18 PM
Management of In-Stent Restenosis III
Moderators: James B. Hermiller Jr
Discussants: Tayo A. Addo, Mohamed Ali Elsalamony, Runlin Gao, Daniele Giacoppo, Richard Shlofmitz, Jasvindar Singh

11:30 AM  TCT 574: Circulating Angiostatin Predicting the Risk of Repeat Target Lesion Revascularization in CAD Patients Suffered in Stent Restenosis After Coronary Intervention
Lecturers: Zhangwei Chen
11:37 AM  Discussion
11:42 AM  TCT 575: Long Term Outcomes After Percutaneous Treatment of Second Generation Drug Eluting Stent Restenosis According to the Restenosis Pattern and Management
Lecturers: Marcelo Abud
11:49 AM  Discussion
11:54 AM  TCT 576: Long Term Outcome of Patients With Recurrent Drug Eluting Stent Restenosis
Lecturers: Goutham Ravipati
12:01 PM  Discussion
12:06 PM  TCT 577: Impact of Angiographic Patterns of in Stent Restenosis on 5 Years Clinical Outcomes in Patients Treated With Cobalt Chromium Everolimus Eluting Stent
Lecturers: Takashi Hiromasa
12:13 PM  Discussion

TRANSCATHETER CARDIOVASCULAR THERAPEUTICS | SUNDAY, SEPTEMBER 23, 2018  Last Updated 08/30/2018  Page: 173
MODERATED POSTER SESSION: NEWER DES IV

SUNDAY, SEPTEMBER 23, 2018
11:30 AM - 12:30 PM
Moderated Posters 8, Exhibit Hall, Ground Level

11:30 AM - 12:30 PM
Newer DES IV
Moderators: Sundeep Mishra, Manel Sabate
Discussants: Alexandre Abizaid, Salvatore Brugaletta, Joseph Carozza, Salvatore Cassese, Grzegorz L. Kaluza

11:30 AM TCT 583: Final 5 Year Results in Unselected Patients Implanted With a Thin Strut Platinum Chromium Everolimus Eluting Stent: The PROMUS Element Plus US Post Approval Study
Lecturers: David E. Kandzari
11:37 AM Discussion
11:42 AM TCT 584: Long Term Impact of Improving Drug Eluting Stent Technology in Patients Undergoing Multilesion Intervention: A Patient Level Analysis of 19 Randomized Trials
Lecturers: Paul Guedeney
11:49 AM Discussion
11:54 AM TCT 586: Long Term Performance of the Dual Therapy COMBO Stent: Results From the REMEDEE Registry
Lecturers: Laura Kerkmeijer
12:01 PM Discussion
12:06 PM TCT 585: First in Man Study of the New Dedicated Bifurcation BI OSS LIM C: 9 Month interim Results With OCT Analysis
Lecturers: Robert J. Gil
12:13 PM Discussion

MODERATED POSTER SESSION: NON-ELECTIVE TAVR OR BALLOON VALVULOPLASTY

SUNDAY, SEPTEMBER 23, 2018
11:30 AM - 12:30 PM
Moderated Posters 5, Exhibit Hall, Ground Level

11:30 AM - 12:18 PM
Non-elective TAVR or Balloon Valvuloplasty
Moderators: Igor F. Palacios, Christian Spies
Discussants: Simon Redwood, Francesco Saia, Molly Szerlip, Alan Zajarias

11:30 AM TCT 570: in Hospital Outcomes of Transcatheter Aortic Valve Replacement After Non Elective Admission in Comparison With Elective Admission
Lecturers: Tomo Ando
11:37 AM Discussion
11:42 AM TCT 571: Outcomes of Percutaneous Balloon Aortic Valvuloplasty for Severe Aortic Stenosis in Patients Presenting With Cardiogenic Shock
Lecturers: Ozan Demir
11:49 AM Discussion
11:54 AM TCT 572: Mechanical Circulatory Support Utilization in Transcatheter Aortic Valve Replacement in the United States
Lecturers: Ahmad Alkhalil
12:01 PM Discussion
12:06 PM TCT 573: inter Hospital Transfer of TAVR Patients Is Associated With Index Complications But Not Readmission Outcomes
Lecturers: Hanning Xing
12:13 PM Discussion

MODERATED POSTER SESSION: PHARMACOLOGY: TRADITIONAL VS NEWER ANTIPLATELET AGENTS I

SUNDAY, SEPTEMBER 23, 2018
11:30 AM - 12:30 PM
Moderated Posters 4, Exhibit Hall, Ground Level
Pharmacology: Traditional vs Newer Antiplatelet Agents I

Moderators: Dimitrios Alexopoulos
Discussants: Dominick J. Angiolillo, Frederick Feit, Efrain Gaxiola, Sanjay Kaul

11:30 AM
TCT 565: A Comparison of Clopidogrel vs Newer P2Y12 Antagonists for Percutaneous Coronary Intervention in Patients With Out of Hospital Cardiac Arrest Managed With therapeutic Hypothermia: A Meta Analysis
Lecturers: Ayman Elbadawi

11:37 AM
Discussion

11:42 AM
TCT 566: Clinical Use of Cangrelor: Real World Data From the Swedish Coronary Angiography and Angioplasty Registry SCAAR
Lecturers: Per Grimfjard

11:49 AM
Discussion

11:54 AM
TCT 567: Cangrelor in Cardiogenic Shock: A Global Multicenter Matched Analysis With Oral P2Y12 Inhibition From the IABP SHOCK II Trial
Lecturers: Michal Droppa

12:01 PM
Discussion

12:06 PM
TCT 568: Real World Evaluation of AntiplateletSwitching Strategy forCoronary Interventions
Lecturers: Nikolaos Kakouros

12:13 PM
Discussion

12:18 PM
TCT 569: Lower Mortality After Clinically Significant Bleeding in Patients Treated With Reversible P2Y12 Agent Ticagrelor: A Comparative All Comers Prospective 2 Year Follow Up Study in Patients Treated With invasive Strategy After Acute Coronary Synd
Lecturers: Girish Viswanathan

12:25 PM
Discussion

MODERATED POSTER SESSION: RENAL DENERVATION

SUNDAY, SEPTEMBER 23, 2018
11:30 AM - 12:30 PM
Moderated Posters 3, Exhibit Hall, Ground Level

11:30 AM
Renal Denervation

Moderators: Herbert D. Aronow, Krishna J. Rocha-Singh
Discussants: Melvin D. Lobo, Farrell O. Mendelsohn, C. Venkata S. Ram, Paul A. Sobotka, Stephen C. Textor

TCT 560: Sympathetic Renal Denervation After Acute Myocardial Infarction Results in Increased Myocardial Salvage in Pigs
Lecturers: Luigi Emilio Pastormerlo

11:37 AM
Discussion

11:42 AM
TCT 561: Splenic Artery Denervation: Rationale Feasibility and Early Pre Clinical Experience in A Porcine Model of Inflammatory Arthritis
Lecturers: Mazen Albaghdadi

11:49 AM
Discussion

TCT 562: Chemical Renal Denervation With Alcohol the Post Market Study Data and the Target BP Program
Lecturers: Felix Mahfoud

12:01 PM
Discussion

12:06 PM
TCT 563: Superior and Proximal Nerves in Porcine Renal Arteries Are Least Accessible to Radiofrequency Ablation Due to Shielding By Peri Arterial Blood Vessels and Lymph Nodes
Lecturers: Abraham Tzafriri

12:13 PM
Discussion

12:18 PM
TCT 564: the Effect of Renal Sympathetic Denervation on Endogenous Catecholamines and Renin Angiotensin AldosterOne System
Lecturers: Lida Feyz

12:25 PM
Discussion

MODERATED POSTER SESSION: ACUTE KIDNEY INJURY DURING PERCUTANEOUS INTERVENTIONS (PCI OR TAVR) II

SUNDAY, SEPTEMBER 23, 2018
12:45 PM - 1:45 PM
Moderated Posters 2, Exhibit Hall, Ground Level
12:45 PM - 1:45 PM
Acute Kidney Injury During Percutaneous Interventions (PCI or TAVR) II
Moderators: Harold L. Dauerman, Charles J. Davidson
Discussants: Shmuel Banai, Daniele Giacoppo, Lloyd W. Klein, Kyung Woo (KW) Park, Asif Qasim

12:45 PM  TCT 592: Remote Ischemic Conditioning in Acute ST Elevation Myocardial Infarction Does Not Protect Against Acute Kidney Injury
Lecturers: Iliana Hurtado Rendon

12:52 PM  Discussion

12:57 PM  TCT 593: Predicting Acute Kidney Injury in Patients Undergoing Transcatheter Aortic Valve Replacement: Testing the Mehran Contrast Induced Nephropathy Score
Lecturers: Malik Murtaza

1:04 PM  Discussion

1:09 PM  TCT 594: Rotational Atherectomy and the Risk for Contrast Induced Nephropathy
Lecturers: Ozan Demir

1:16 PM  Discussion

1:21 PM  TCT 595: Ultra Low Contrast Percutaneous Coronary Intervention to Minimize the Risk for Contrast Induced Acute Kidney Injury in Patients With Severe Chronic Kidney Disease
Lecturers: Lorenzo Azzalini

1:28 PM  Discussion

1:33 PM  TCT 596: Worsened Renal Function After Transcatheter Aortic Valve Replacement Increases Long Term Mortality
Lecturers: Ricardo Cigarroa

1:40 PM  Discussion

12:45 PM - 1:45 PM
Comorbidities in CAD II
Moderators: John A. Ambrose, Sorin J. Brener
Discussants: Joo Myung Lee, Giampaolo Niccoli, Jan J. Piek, Expedito Eustáquio Ribeiro, Peter Wenaweser

12:45 PM  TCT 612: Physician Prediction of Mortality Outcomes in the Cardiac Cath Lab: Comparisons to A Validated Risk Score
Lecturers: Kiran Sarathy

12:52 PM  Discussion

12:57 PM  TCT 613: Is Younger Truly Better Clinical Characteristics and in Hospital Outcomes of Percutaneous Coronary Intervention Performed in Patients 45 Years Old Or Younger
Lecturers: Marta Bande

1:04 PM  Discussion

1:09 PM  TCT 614: the Obesity Paradox Revisited: Body Mass Index and Long Term Outcomes After PCI From A Large Pooled Patient Level Database
Lecturers: Rafal Wolny

1:16 PM  Discussion

1:21 PM  TCT 615: Percutaneous Coronary Intervention for Patients With Ischemic Cardiomyopathy Is Associated With Low Mortality and Improves Ejection Fraction: A Meta Analysis of 3844 Patients
Lecturers: Ameera Ahmed

1:28 PM  Discussion

1:33 PM  TCT 616: Impact of General Cardiology Follow Up on Optimal Cardiovascular Risk Factor Management Post Revascularization: Outcomes in A Nationalized Healthcare System
Lecturers: Richard Jung

1:40 PM  Discussion

MODERATED POSTER SESSION: COMPUTATIONAL FLUID DYNAMICS (CT-FFR, QFR, INTRAVASCULAR IMAGING-FFR, AND OTHERS) IV
SUNDAY, SEPTEMBER 23, 2018
12:45 PM - 1:45 PM
Computational Fluid Dynamics (CT-FFR, QFR, Intravascular Imaging-FFR, and others) IV
Moderators: Evelyn S. Regar
Discussants: Marc D. Feldman, Jonathan M. Hill, John McB. Hodgson, Young-Hak Kim, Yasunori Ueda

12:45 PM  TCT 617: Diagnostic Accuracy of 3 Dimensional and 2 Dimensional Quantitative Coronary Angiography for Predicting Physiological Significance of Coronary Stenosis
Lecturers: Junqing Yang

12:52 PM  Discussion

12:57 PM  TCT 618: Angiogram Based Fractional Flow Reserve in Patients With Multi Vessel Disease
Lecturers: Hiroyuki Omori

1:04 PM  Discussion

1:09 PM  TCT 619: Comparison of One Dimensional 1D and Three Dimensional 3D Models for the Estimation of Coronary Fractional Flow Reserve Through Cardiovascular Imaging
Lecturers: Cristiano Guedes Bezerra

1:16 PM  Discussion

1:21 PM  TCT 620: influence of Diabetes Mellitus and Chronic Kidney Disease on Diagnostic Accuracy of Quantitative Flow Ratio QFR
Lecturers: Jakub Maksym

1:28 PM  Discussion

1:33 PM  TCT 621: Comparison of Quantitative Flow Ratio and instantaneous Wave Free Ratio for Immediate Assessment of Non Culprit Lesions in Patients With ST Segment Elevation Myocardial Infarction an ISTEMI Substudy
Lecturers: Martin Sejr Hansen

1:40 PM  Discussion

MODERATED POSTER SESSION: DES VS DES II

SUNDAY, SEPTEMBER 23, 2018
12:45 PM - 1:45 PM
Moderated Posters 8, Exhibit Hall, Ground Level

12:45 PM - 1:45 PM
DES vs DES II
Moderators: Giuseppe Biondi-Zoccai, Evald H. Christiansen
Discussants: Mamas Mamas, Edward J. McNulty, Ashok Seth, Philip M. Urban

12:45 PM  TCT 622: Comparative Safety and Effectiveness of Polymer Free Biolimus Eluting Stents vs Permanent Polymer Everolimus Eluting Stents in Routine Clinical Practice
Lecturers: Giuseppe Biondi-Zoccai

12:52 PM  Discussion

12:57 PM  TCT 623: 12 Months Outcomes of A Non Inferiority Randomized Clinical Trial Comparing the Efficacy and Safety of Angiolite Vs Xience in Patients With PCI Indication
Lecturers: Armando Perez de Prado

1:04 PM  Discussion

1:09 PM  TCT 624: A Prospective Multicenter Randomized Post Market Trial Evaluating A Novel Cobalt Chrome Rapamycin Drug Eluting Stent: Subgroup Analysis of the TARGET All Comers Trial
Lecturers: Alexandra J. Lansky

1:16 PM  Discussion

1:21 PM  TCT 625: Five Year Clinical Outcomes of NOBORI Biolimus Eluting Stent vs XIENCE Everolimus Eluting Stent in Diabetic Patients
Lecturers: Yuichi Tanaka

1:28 PM  Discussion

1:33 PM  TCT 626: Comparative Effectiveness of Different Types of Contemporary Drug Eluting Stents in Patients With De Novo Long Coronary Artery Lesions
Lecturers: Do-Yoon Kang

1:40 PM  Discussion
MODERATED POSTER SESSION: INTERVENTION THERAPIES IN PATIENTS WITH DIABETES MELLITUS I

SUNDAY, SEPTEMBER 23, 2018
12:45 PM - 1:45 PM
Moderated Posters 3, Exhibit Hall, Ground Level

12:45 PM - 1:45 PM
Intervention Therapies in Patients with Diabetes Mellitus I
Moderators: Frederick Fieit, Norman E. Lepor
Discussants: Angeles Alonso Garcia, Michael P. Flaherty, Efrain Gaxiola, Cindy L. Grines, Miodrag C. Ostojic

12:45 PM  TCT 597: GLP 1 Does Not Protect Against Right Ventricular Stunning or Cumulative Ischemic Dysfunction Following Right Coronary Artery Balloon Occlusion in Humans
Lecturers: Joel Giblett

12:52 PM  Discussion

12:57 PM  TCT 598: Prediabetes and Its Impact on Clinical Outcome After Coronary Intervention in Chinese Patients
Lecturers: Huan-Huan Wang

1:04 PM  Discussion

1:09 PM  TCT 599: The Glucagon Like Peptide 1 Loading During PCI GOLD PCI Trial: 12 Month Clinical Outcomes
Lecturers: Joel Giblett

1:16 PM  Discussion

1:21 PM  TCT 600: the Impact of Diabetes Mellitus on the Long Term Risk for Heart Failure in Patients Who Underwent Coronary Revascularization
Lecturers: Yasuaki Takeji

1:28 PM  Discussion

1:33 PM  TCT 601: Results of Percutaneous Coronary Intervention With Second Generation Paclitaxel Coated Balloons in Diabetic Patients At A Long Term Follow Up
Lecturers: Ignacio Sanchez-Perez

MODERATED POSTER SESSION: RACIAL AND GENDER DISPARITIES IN CORONARY ARTERY DISEASE AND INTERVENTION I

SUNDAY, SEPTEMBER 23, 2018
12:45 PM - 1:45 PM
Moderated Posters 4, Exhibit Hall, Ground Level

12:45 PM - 1:45 PM
Racial and Gender Disparities in Coronary Artery Disease and Intervention I
Moderators: Patricia J. Best, Anthony N. DeMaria
Discussants: Tayo A. Addo, Yaling Han, Lisette Okkels Jensen, Waleed Y Kadro, Margaret B. McEntegart, A.J. Conrad C. Smith

12:45 PM  TCT 602: Gender Based Differences in Outcomes of Percutaneous Coronary Intervention vs Coronary Artery Bypass Grafting for Multivessel Disease A Meta Analysis of Randomized Controlled Trials
Lecturers: Khagendra Dahal

12:52 PM  Discussion

12:57 PM  TCT 603: Direct Stenting Strategy Is Associated With Improved Survival in Women Undergoing Primary Percutaneous Coronary Intervention for ST Elevation Myocardial Infarction: A Propensity Score Matched Comparative Study
Lecturers: Ivan Bessonov

1:04 PM  Discussion

1:09 PM  TCT 604: Outcome of High Risk Percutaneous Coronary Intervention: Gender Based Analysis
Lecturers: M Chadi Alraies

1:16 PM  Discussion

1:21 PM  TCT 605: Sex Based Differences in in Hospital Outcomes of Patients With Cardiogenic Shock Treated With Percutaneous Mechanical Circulatory Support in the United States
Lecturers: Pedro Villablanca

1:28 PM  Discussion

1:33 PM  TCT 606: Gender Differences in Fractional Flow Reserve After Percutaneous Coronary Intervention
Lecturers: Laurens Zandvoort
MODERATED POSTER SESSION: TAVR, STROKE, AND EMBOLIC PROTECTION II

SUNDAY, SEPTEMBER 23, 2018
12:45 PM - 1:45 PM
Moderated Posters 1, Exhibit Hall, Ground Level

12:45 PM - 1:45 PM
TAVR, Stroke, and Embolic Protection II
Moderators: Luigi Salemme, E. Murat Tuzcu
Discussants: Stephan Baldus, Joseph E. Bavaria, Daniel H. Berrocal, Cameron Dowling, Randolph P. Martin

12:45 PM
TCT 587: the Size of the Implanted Valve During Transcatheter Aortic Valve Implantation Predicts the Increase in Cerebral Blood Flow Velocity  Size Does Matter
Lecturers: Wienke Vlastra

12:52 PM
Discussion

12:57 PM
TCT 588: Have Patients With A History of Cerebral Events A Higher Risk of Periprocedural Stroke During Protected Transfemoral Aortic Valve Implantation With Use of A Double Filter Cerebral Embolic Protection Device Results of A Large All Comers Populatio
Lecturers: Julia Seeger

1:04 PM
Discussion

1:09 PM
TCT 589: Clinical Outcomes of the Sentinel Cerebral Protection System in Patients Undergoing Transcatheter Aortic Valve Replacement: A Meta Analysis
Lecturers: Zaheer Fanari

1:16 PM
Discussion

1:21 PM
TCT 590: Pilot Evaluation of Cognitive Function After Surgical and Transcatheter Aortic Valve Replacement
Lecturers: Santiago Garcia

1:28 PM
Discussion

1:33 PM
TCT 591: Hypoalbuminemia Increases Periprocedural Stroke in Transcatheter Aortic Valve Replacement: A Retrospective Single Center Case Control Analysis
Lecturers: Dominique Monlezun

1:40 PM
Discussion

MODERATED POSTER SESSION: TAVR IN FRAIL PATIENTS AND PATIENTS WITH A HISTORY OF MALIGNANCY

SUNDAY, SEPTEMBER 23, 2018
12:45 PM - 1:45 PM
Moderated Posters 5, Exhibit Hall, Ground Level

12:45 PM - 1:45 PM
TAVR in Frail Patients and Patients with a History of Malignancy
Discussants: Adriano Caixeta, Biswajit Kar, Ruediger S. Lange, Luis Nombela-Franco

12:45 PM
TCT 607: Protein Caloric Malnutrition Is Associated With Adverse Outcomes Following TAVR
Lecturers: Sarah Rudasill

12:52 PM
Discussion

12:57 PM
TCT 608: Effect of Chronic Liver Disease on the Outcomes Readmissions Length of Stay and Cost of Transcatheter Aortic Valve Replacement and Surgical Aortic Valve Replacement
Lecturers: Habib Khoury

1:04 PM
Discussion

1:09 PM
TCT 609: Choosing Between Transcatheter Surgical andMedical Management in Cancer Patients With Severe Aortic Stenosis
Lecturers: Dinu Balanescu

1:16 PM
Discussion

1:21 PM
TCT 610: Outcomes of Transcatheter Aortic Valve Replacement Compared to Surgical Aortic Valve Replacement in Patients With Prior Chest Radiation
Lecturers: Yohan Chacko

1:28 PM
Discussion

1:33 PM
TCT 611: Prognostic Impact of Underweight in Patients With Severe Aortic Valve Stenosis Undergoing Transcatheter Aortic Valve Implantation Or Surgical Aortic Valve Replacement  Prospective Data From the German Aortic Valve Registry GARY
### MODERATED POSTER SESSION: CORONARY CALCIFICATION II

**SUNDAY, SEPTEMBER 23, 2018**  
**1:45 PM - 2:45 PM**  
Moderated Posters 6, Exhibit Hall, Ground Level

#### 1:45 PM - 2:45 PM

**Coronary Calcification II**  
**Moderators:** Prashant Kaul, Sunil V. Rao  
**Discussants:** Carey D. Kimmelstiel, Perwaiz M. Meraj, Nattawut Wongpraparut

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<tr>
<th>Time</th>
<th>Poster Title</th>
<th>Lecturers</th>
<th>Discussion Time</th>
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<tbody>
<tr>
<td>1:45 PM</td>
<td>TCT 652: Coronary Artery Calcium Score in Predicting Periprocedural Myocardial Infarction in Patients Undergoing Elective Percutaneous Coronary Intervention</td>
<td>Min Gyu Kang</td>
<td>1:52 PM</td>
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<td>1:57 PM</td>
<td>TCT 653: Acute Mid Term Results of Drug Coated Balloon Following Rotational Atherectomy</td>
<td>Taito Nagai</td>
<td>2:04 PM</td>
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<td>2:09 PM</td>
<td>TCT 654: Coronary Lesion Calcification and the Two Year Outcome After Percutaneous Coronary Intervention</td>
<td>Yin Zhang</td>
<td>2:16 PM</td>
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<td>2:33 PM</td>
<td>TCT 656: the Coating Performance of DES in tortuous and Calcified Lesions: the Preliminary Result of Benchmark Study</td>
<td>Yi Li</td>
<td>2:40 PM</td>
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### MODERATED POSTER SESSION: DES VS DES III

**SUNDAY, SEPTEMBER 23, 2018**  
**1:45 PM - 2:45 PM**  
Moderated Posters 8, Exhibit Hall, Ground Level

#### 1:45 PM - 2:45 PM

**DES vs DES III**  
**Moderators:** Alaide Chieffo  
**Discussants:** Arif Al Nooryani, Jaikirshan Khatri, Michael A. Kuchar, Alexander Grigorievich Osiiev

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<th>Time</th>
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<tr>
<td>1:45 PM</td>
<td>TCT 662: Angioscopic Follow Up After Drug Eluting Stents Implantation for Stable Coronary Artery Diseases</td>
<td>Soichiro Hiramatsu</td>
<td>1:52 PM</td>
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<td>1:57 PM</td>
<td>TCT 663: Comparison of Conformability and Wall Shear Stress Between Resolute Integrity Zotarolimus Eluting Stent and the XIENCE Xpedition Everolimus Eluting Stent in Angulated Vessels: An Interim Analysis of the SHEAR STENT Randomized Controlled Study</td>
<td>Arnav Kumar</td>
<td>2:04 PM</td>
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<tr>
<td>2:09 PM</td>
<td>TCT 664: Twelve Month Clinical Outcomes Comparing Biodegradable Polymer Sirolimus Eluting Stent vs Durable Polymer Everolimus Eluting Coronary Stents in Patients With De Novo Native Coronary Artery Lesions: The meriT V Randomized Trial</td>
<td>Ricardo A. Costa</td>
<td>2:16 PM</td>
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<tr>
<td>2:21 PM</td>
<td>TCT 665: Unselected Use of Ultrathin Strut Biodegradable Polymer Sirolimus Eluting Stent vs Durable Polymer Everolimus Eluting Stent for Coronary Revascularization</td>
<td>Kyohei Yamaji</td>
<td>2:21 PM</td>
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</tbody>
</table>
Discussion

TCT 666: Safety Evaluation of the Biodegradable Polymer Based Sirolimus Eluting Stent With Faster Drug Eluting Rate and Polymer Absorption Kinetics in Complex Patient and Lesion Subgroup of the PANDA III Trial
Lecturers: Sida Jia

MODERATED POSTER SESSION: NON-ATHEROSCLEROSIS CORONARY ARTERY DISEASE II

SUNDAY, SEPTEMBER 23, 2018
1:45 PM - 2:45 PM
Moderated Posters 2, Exhibit Hall, Ground Level

1:45 PM - 2:45 PM
Non-atherosclerosis Coronary Artery Disease II
Moderators: Francesco Pelliccia
Discussants: Valerian Fernandes, Yuji Ikari, Sasko Kedev, Renu Virmani

1:45 PM TCT 632: Mechanisms of Myocardial Infarction in Patients With Nonobstructive Coronary Artery Disease: Results From the Optical Coherence tomography Study
Lecturers: Maksymilian Opolski
1:52 PM Discussion

1:57 PM TCT 633: Prognostic Valve of initial intravascular Ultrasound Without A Routine Early Baseline Study in the Evaluation of Cardiac Transplant Vasculopathy
Lecturers: Mohammad Reza Movahed
2:04 PM Discussion

2:09 PM TCT 634: Percutaneous Coronary Intervention With Drug Eluting Stents for the Treatment of Cardiac Allograft Vasculopathy and the Impact of intravascular Ultrasound and Stent Characteristics on Lesion Patency: 4 Year Outcomes
Lecturers: Richard Cheng
2:16 PM Discussion

2:21 PM TCT 635: Unmasking Myocardial Bridge Related Ischemia By intracoronary Functional Evaluation
Lecturers: Alberto Barioli
2:28 PM Discussion

2:33 PM TCT 636: international Experience With Impella Mechanical Circulatory Support for Takotsubo Syndrome With Shock
Lecturers: L Christian Napp
2:40 PM Discussion

MODERATED POSTER SESSION: PCI VOLUMES AND OUTCOMES I

SUNDAY, SEPTEMBER 23, 2018
1:45 PM - 2:45 PM
Moderated Posters 7, Exhibit Hall, Ground Level

1:45 PM - 2:45 PM
PCI Volumes and Outcomes I
Moderators: David P. Faxon, Sigmund Silber

1:45 PM TCT 657: Temporal Trends in the Practice of the Trans Radial Approach PCI in A Large Tertiary Center More Is Better
Lecturers: Leor Perl
1:52 PM Discussion

1:57 PM TCT 658: Complex High and Indicated Percutaneous Coronary indication: Does Operator Volume influence Patient Outcome
Lecturers: Tim Kinnaird
2:04 PM Discussion

2:09 PM TCT 659: Rates of Selection of Revascularization Strategy PCI vs CABG Do Not influence in Hospital Mortality in Acute Coronary Syndromes ACS
Lecturers: Ashraf AbuGroun
2:16 PM Discussion

2:21 PM TCT 660: Prevalence Treatment Options and influence of A Training Program on Clinical Outcome in Patients With ST Elevation Myocardial Infarction Between 1999 and 2016 in China: the Prospective Multicenter Registry MOODY Trial
Lecturers: Shao-Liang Chen

2:28 PM Discussion

2:33 PM TCT 661: The Influence of Catheterization Laboratory Volume and Hospital Teaching Status on the Acute Myocardial Infarction Outcomes
Lecturers: Tariq Enezate

2:40 PM Discussion

MODERATED POSTER SESSION: PERCUTANEOUS INTERVENTIONS (PCI OR TAV) IN DIALYSIS PATIENTS OR PATIENTS WITH CHRONIC KIDNEY DISEASE

SUNDAY, SEPTEMBER 23, 2018
1:45 PM - 2:45 PM
Moderated Posters 3, Exhibit Hall, Ground Level

1:45 PM - 2:45 PM Percutaneous Interventions (PCI or TAV) in Dialysis Patients or Patients with Chronic Kidney Disease
Moderators: Ziad A. Ali, Stephen Cook
Discussants: Usman Baber, Julia Baron, Gianni Dall’Ara

1:45 PM TCT 637: A Meta Analysis of Clinical Outcomes of Transcatheter Aortic Valve Replacement in Patients With End Stage Renal Disease
Lecturers: Javier Amione Guerra

1:52 PM Discussion

1:57 PM TCT 638: Clinical Outcomes of Hemodialysis Patients With Coronary Artery Disease After Newer Generation Drug Eluting Stent Implantation
Lecturers: Shota Okuno

2:04 PM Discussion

2:09 PM TCT 639: Comparison of Patients With and Without Dialysis Prior to TAVI in 2000 Consecutive Implantations With A 3 Year Follow Up
Lecturers: Gerhard Schymik

2:16 PM Discussion

2:21 PM TCT 640: Transcatheter Aortic Valve Replacement vs Surgical Aortic Valve Replacement Outcomes in Patients on Dialysis: Systematic Review and Meta Analysis
Lecturers: Zaher Fanari

2:28 PM Discussion

2:33 PM TCT 641: Transcatheter Aortic Valve Replacement Outcomes in Patients With End Stage Renal Disease: Systematic Review and Meta Analysis
Lecturers: Zaher Fanari

2:40 PM Discussion

MODERATED POSTER SESSION: PHARMACOLOGY: TRADITIONAL VS NEWER ANTIPLATELET AGENTS II

SUNDAY, SEPTEMBER 23, 2018
1:45 PM - 2:45 PM
Moderated Posters 4, Exhibit Hall, Ground Level

1:45 PM - 2:45 PM Pharmacology: Traditional vs Newer Antiplatelet Agents II
Moderators: Germano Di Sciascio
Discussants: Dmitry N. Feldman, Fausto Feres, Hyeon-Cheol Gwon, Mina Madan

1:45 PM TCT 642: the Comparative Effectiveness and Safety of Cangrelor vs In Lab Glycoprotein IibIlla Inhibitor GPI in Patients Undergoing Percutaneous Coronary Intervention: Insights From the Blue Cross Blue Shield of Michigan Cardiovascular Consortium BMC2
Lecturers: Saifullah Siddiqi

1:52 PM Discussion

1:57 PM TCT 643: Antiplatelet Therapy With Cangrelor in Patients Undergoing Surgery After Coronary Stent Implantation: A Real World Bridging Protocol Experience
Lecturers: Giulia Masiero

2:04 PM Discussion

2:09 PM TCT 644: Use of New Thienopyridines in Patients With Coronary Artery Disease Treated With Percutaneous Coronary Interventions in Argentina Results From A Real World Multicenter Registry
Lecturers: Alfredo Rodriguez Granillo

2:16 PM Discussion
MODERATED POSTER SESSION: TAVR LEAFLET THROMBOSIS AND DURABILITY

SUNDAY, SEPTEMBER 23, 2018
1:45 PM - 2:45 PM
Moderated Posters 5, Exhibit Hall, Ground Level

1:45 PM - 2:45 PM
TAVR Leaflet Thrombosis and Durability
Moderators: Duk-Woo Park, Lars Søndergaard
Discussants: Evald H. Christiansen, George D. Dangas, Hans R. Figulla, George S. Hanzel

1:45 PM
TCT 647: Hemodynamic Valve Deterioration Following Transcatheter Aortic Valve Implantation: Prevalence and Predictors of Elevated Transvalvular Gradients
Lecturers: Tobias Rheude

1:52 PM
Discussion

1:57 PM
TCT 648: The Prevalence of Computed Tomography Defined Leaflet Thrombosis in Intra vs Supra Annular Transcatheter Aortic Valve Prostheses
Lecturers: Hashrul Rashid

2:04 PM
Discussion

2:09 PM
TCT 649: Impact of Postdilatation on Long Term Outcome and Valve Durability in TAVR Patients
Lecturers: Stephan Haussig

2:16 PM
Discussion

2:21 PM
TCT 650: Clinical Presentation Management and Outcomes of Patients Who Developed Post Transcatheter Aortic Valve Replacement Thrombosis: Global Case Series
Lecturers: Daniel Garcia

2:28 PM
Discussion

2:33 PM
TCT 651: Novel Preclinical Model of Aortic Banding for Evaluation of Implantation Feasibility and Long Term Durability of Transcatheter Aortic Valves
Lecturers: Pawel E. Buszman

2:40 PM
Discussion

MODERATED POSTER SESSION: METALLIC BIORESORBABLE VASCULAR SCAFFOLDS II

SUNDAY, SEPTEMBER 23, 2018
2:45 PM - 3:45 PM
Exhibit Hall, Ground Level, Moderated Posters 8

2:45 PM - 3:45 PM
Metallic Bioresorbable Vascular Scaffolds II
Moderators: Stephan Achenbach
Discussants: Bernardo Cortese, Vasim Farooq

2:45 PM
TCT 700: initial Experience of Magnesium Bioresorbable Scaffold Implantation in Acute Coronary Syndrome
Lecturers: Magdalena Lanocha, MD

2:52 PM
Discussion

2:57 PM
TCT 701: Consecutive intravascular Imaging Assessment Up to 3 Years Following Implantation of Resorbable Magnesium Scaffolds
Lecturers: Himanshu Rai, MD

3:04 PM
Discussion

3:09 PM
TCT 702: Magnesium Metallic Bioabsorbable Scaffold Magmaris Long Term Results Analysis From Pooled Multicentre Italian Experience
Lecturers: Stefano Galli, MD
3:16 PM Discussion
3:21 PM TCT 703: Early Results Following Magnesium Biodegradable Scaffold Implantation in Patients With Acute Myocardial Infarction
Lecturers: Alfonso Ielasi, MD
3:28 PM Discussion
3:33 PM TCT 704: Feasibility of Overlapped Magnesium Made Biodegradable Scaffold Implantation in Long Lesions Results From the Multicenter Italian Registry MAGIC
Lecturers: Francesco Tomassini, MD
3:40 PM Discussion

MODERATED POSTER SESSION: OUTCOMES AFTER PCI TREATMENT OF CTO LESIONS

SUNDAY, SEPTEMBER 23, 2018
2:45 PM - 4:15 PM
Moderated Posters 4, Exhibit Hall, Ground Level

2:45 PM - 4:15 PM
Outcomes After PCI Treatment of CTO Lesions I
Moderators: Habib Samady
Discussants: Parag Barwad, Andrea Gagnor, Pravin K Goel, JJ Goy, Luiz F Ybarra, Chih-Fan Yeh

2:45 PM TCT 683: Long Term Prognosis of Complete Percutaneous Coronary Revascularization in Patients With Chronic Total Occlusion: A Comparison Between Preserved and Impaired Renal Function
Lecturers: Renato Valenti
2:52 PM Discussion
2:57 PM TCT 684: Predictors of Target Vessel Failure in Long Term Follow Up With Chronic Total Occlusion Patients After Successful Percutaneous Coronary Intervention
Lecturers: Kyusup Lee
3:04 PM Discussion
3:09 PM TCT 685: the Improvement of Left Ventricular Function After CTO Revascularization A Strain Echocardiography Based Study
Lecturers: Chun Kai Chen
3:16 PM Discussion
3:21 PM TCT 715: Evaluation of the Impact of Percutaneous Coronary Intervention of Chronic Total Occlusion on Regional Myocardial Function Using Strain Echocardiography
Lecturers: Mohamed El Gowelly
3:28 PM Discussion
3:33 PM TCT 716: Over Ten Years Follow Up of Chronic Total Coronary Occlusion Angioplasty
Lecturers: Kohei Yoneda
3:40 PM Discussion
3:45 PM TCT 717: Impact of Percutaneous Coronary Intervention for Chronic Total Occlusion on Long Term Outcomes of Patients With Stable Coronary Artery Disease Accompanied By Left Ventricular Dysfunction
Lecturers: Ryosuke Mura
3:52 PM Discussion
3:57 PM TCT 718: A Meta Analysis of Long Term Clinical Outcomes Following Successful Percutaneous Coronary Intervention With Drug Eluting Stents for Chronic Total Occlusions
Lecturers: Aravdeep Jhand
4:04 PM Discussion

MODERATED POSTER SESSION: PCI IN THE ELDERLY I

SUNDAY, SEPTEMBER 23, 2018
2:45 PM - 3:45 PM
Moderated Posters 6, Exhibit Hall, Ground Level

2:45 PM - 3:45 PM
PCI in the Elderly I
Moderators: Henning Kelbæk, Richard A. Schatz
2:45 PM TCT 690: Incremental Age Related 1 Year MACCE After Acute Myocardial Infarction in the Drug Eluting Stent Era From KAMIR NIH Registry
Lecturers: SeongHyeon Bu
2:52 PM Discussion

2:57 PM TCT 691: National Trends of Percutaneous Coronary Intervention for the Elderly
Lecturers: Ayman Elbadawi, MD
3:04 PM Discussion

3:09 PM TCT 692: Impact of Drug Eluting Stent Generation in Elderly Patients Undergoing PCI: Five Year Follow Up From A Patient Level Analysis of 19 Randomized Trials
Lecturers: Paul Guedeney, MD
3:16 PM Discussion

MODERATED POSTER SESSION: STEMI AND MULTIVESSEL DISEASE

SUNDAY, SEPTEMBER 23, 2018
2:45 PM - 3:45 PM
Moderated Posters 3, Exhibit Hall, Ground Level

2:45 PM - 3:33 PM
STEMI and Multivessel Disease
Moderators: Sanjit S. Jolly, Pieter C. Smits
Discussants: Bimmer E. Claessen, Waleed Y Kadro, Michael Maeng, Gary L. Schaer, Nadia R Sutton

2:45 PM TCT 677: Multivessel vs Culprit Lesion only Percutaneous Coronary Intervention in Acute Myocardial Infarction Complicated By Cardiogenic Shock: An Updated Meta Analysis
Lecturers: Amartya Kundu
2:52 PM Discussion

2:57 PM TCT 679: the Impact of Complete Revascularization in STEMI Patients With Left Ventricular Dysfunction
Lecturers: Jeehoon Kang
3:04 PM Discussion

3:09 PM TCT 680: Trends and Predictors of Early Readmission in STEMI Patients Undergoing Multivessel Percutaneous Coronary Intervention
Lecturers: Byomesh Tripathi
3:16 PM Discussant

3:21 PM TCT 681: Culprit Vessel only vs Multivessel Percutaneous Coronary Intervention in Acute St Elevation Myocardial Infarction With Cardiogenic Shock: A Comprehensive Updated Meta Analysis
Lecturers: Muhammad Khalid
3:28 PM Discussion

MODERATED POSTER SESSION: SURGICAL TREATMENT OF AORTIC OR MV DISEASE

SUNDAY, SEPTEMBER 23, 2018
2:45 PM - 3:57 PM
Moderated Posters 1, Exhibit Hall, Ground Level

2:45 PM - 3:57 PM
Surgical Treatment of Aortic or MV Disease
Moderators: Gregory P. Fontana
Discussants: Stephan M. Ensminger, Isaac George, Mathew Williams

2:45 PM TCT 667: Causes and Clinical Outcomes of Patients With Mitral Regurgitation Who Are ineligible for Transcatheter Mitral Valve Replacement
Lecturers: Hiroki Niikura

2:52 PM Discussion

2:57 PM TCT 668: Thirty Day Readmissions After Transcatheter Mitral Valve Repair Vs Surgical Mitral Valve Repair: Analysis of the 2014 2015 Nationwide Readmissions Databases
Lecturers: Fabio Lima

3:04 PM Discussion

3:09 PM TCT 669: Contemporary Outcomes of Isolated Bioprothetic Mitral Valve Replacement for Mitral Regurgitation
Lecturers: Chalak Berzingi

3:16 PM Discussion

3:21 PM TCT 670: Difference in Post SAVR Inpatient Outcomes Between TAVR and Non TAVR Performing Hospitals
Lecturers: Godly Jack

3:28 PM Discussion

3:33 PM TCT 671: A Systematic Review and Meta Analysis of Permanent Pacemaker Implantation and Paravalvular Leak Rates After Sutureless Aortic Valve Operations
Lecturers: Luke Seibolt

3:40 PM Discussion

3:45 PM TCT 672: Trends in Utilization of Surgical and Transcatheter Mitral Valve Repair in the United States
Lecturers: Tanush Gupta

3:52 PM Discussion

MODERATED POSTER SESSION: SYNTAX SCORE AND SYNTAX TRIAL STUDIES II

SUNDAY, SEPTEMBER 23, 2018
2:45 PM - 3:45 PM
Moderated Posters 2, Exhibit Hall, Ground Level

2:45 PM - 3:45 PM
SYNTAX Score and SYNTAX Trial Studies II
Moderators: David R. Holmes Jr.
Discussants: Patrick J Golski, Talib Majwal, Sheila Sahni, Corrado Tamburino

2:45 PM TCT 673: Two Years Clinical Outcomes With the State of the Art PCI for the Treatment of Bifurcation Lesions: A Sub Analysis of the SYNTAX II Study
Lecturers: Rodrigo Modolo

2:52 PM Discussion

2:57 PM TCT 674: Impact of Coronary Calcification on the Agreement Between Coronary Cta and Conventional Angiography in the Syntax Score Treatment Decision
Lecturers: Saima Mushtaq

3:04 PM Discussion

3:09 PM TCT 675: Site vs Core Laboratory SYNTAX Score Variability
Lecturers: Carlos Collet

3:16 PM Discussion

3:21 PM TCT 676: Could the Logistic Clinical SYNTAX Score Have Predicted the All Cause Mortality in the Global Leaders Trial A Prediction Prior to the Unblinding of the Trial
Lecturers: Ply Chichareon

3:28 PM Discussion

MODERATED POSTER SESSION: TAVR AND CAD II

SUNDAY, SEPTEMBER 23, 2018
2:45 PM - 3:45 PM
Moderated Posters 1, Exhibit Hall, Ground Level

2:45 PM - 3:45 PM
TAVR and CAD II
Moderators: Junbo Ge
Discussants: Bernard R. Chevalier, Paul Hsien-Li Kao, Poonam Velagapudi
2:45 PM TCT 627: Impact of Coronary Revascularization in Patients Undergoing Transcatheter Aortic Valve Implantation
Lecturers: Diego Lopez Otero

2:52 PM Discussion

2:57 PM TCT 628: Impact of Prestaged Percutaneous Coronary Intervention on Outcome in Coronary Artery Disease Patients Undergoing Transfemoral Aortic Valve Replacement
Lecturers: Julia Seeger

3:04 PM Discussion

3:09 PM TCT 629: Troponin Rise Predicts Thirty Days Outcome in Coronary Artery Disease Patients Undergoing Transfemoral Aortic Valve Replacement for Severe Aortic Stenosis
Lecturers: Julia Seeger

3:16 PM Discussion

3:21 PM TCT 630: New Indexes for Predicting Coronary Obstruction After Balloon Expandable Transcatheter Aortic Valve Replacement
Lecturers: Yasushi Fuku

3:28 PM Discussion

3:33 PM TCT 631: DILEMMA Score Predicts 1 Year Mortality in Patients With Coronary Artery Disease Undergoing Transcatheter Aortic Valve Replacement
Lecturers: Michael Michail

3:40 PM Discussion

MODERATED POSTER SESSION: TAVR RISK STRATIFICATION AND OUTCOMES III

SUNDAY, SEPTEMBER 23, 2018
2:45 PM - 3:45 PM
Moderated Posters 5, Exhibit Hall, Ground Level

2:45 PM - 3:45 PM TAVR Risk Stratification and Outcomes III
Moderators: Jose Luis Navia, Hendrik Treede
Discussants: Daniel J. Blackman, Thomas Modine, Wojtek Wojakowski, S C Wong, Yuejin Yang

2:45 PM TCT 686: Mixed Aortic Valve Disease: Impact on Outcome After Transcatheter Aortic Valve Implantation
Lecturers: Konstantinos Stathogiannis, MD

2:52 PM Discussion

2:57 PM TCT 687: Paravalvular Leak in the RESPOND Post Market Study Predictors and Impact on 2 Year Clinical Outcomes Following TAVR With A Fully Repositionable and Retrievable Aortic Valve in Routine Clinical Practice
Lecturers: Jochen Wöhrle

3:04 PM Discussion

3:09 PM TCT 688: Effect of Renin Angiotensin System Blockade in Long Term Outcomes Following Transcatheter Aortic Valve Implantation Results From the Retrospective Cohort of the RASTAVI Study
Lecturers: Ignacio Amat-Santos

3:16 PM Discussion

3:21 PM TCT 689: Comparison of Transcatheter Aortic Valves Stent and Leaflet Stresses of SAPIEN vs Corevalve
Lecturers: Yue Xuan, MD

3:28 PM Discussion

MODERATED POSTER SESSION: USE OF EXTRACORPOREAL MEMBRANE OXYGENATION (ECMO)

SUNDAY, SEPTEMBER 23, 2018
2:45 PM - 3:45 PM
Moderated Posters 7, Exhibit Hall, Ground Level

2:45 PM - 3:45 PM Use of Extracorporeal Membrane Oxygenation (ECMO)
Moderators: A. Reshad Garan, Michael Mooney
Discussants: Vladimir Ganyukov, Navin K. Kapur, Srihari S. Naidu, Nir Uriel

2:45 PM TCT 695: Comparing Veno Arterial Extracorporeal Membrane Oxygenation ECMO and Impella in Cardiogenic Shock Patients
Lecturers: Thong Nguyen, MD
2:52 PM Discussion

2:57 PM TCT 696: Real World Experience With Extracorporeal Cardiopulmonary Resuscitation ECPR
Lecturers: Lucas Marinacci, MD

3:04 PM Discussion

3:09 PM TCT 697: Left Ventricular Decompression During Extracorporeal Membrane Oxygenation for Cardiogenic Shock A Systematic Review and Meta Analysis
Lecturers: Juan Russo, MD

3:16 PM Discussion

3:21 PM TCT 698: VA ECMO for the Treatment of Cardiogenic Shock in Primary PCI for STEMI A Multi Centre Perspective
Lecturers: Floris Van Den Brink, MD

3:28 PM Discussion

3:33 PM TCT 699: Outcomes of Venoarterial Extracorporeal Membrane Oxygenation VA ECMO Support for Cardiogenic Shock in A Large Tertiary Care Advanced Heart Failure and Transplant Referral Center From 2013 2017
Lecturers: Colin Hirst, MD

3:40 PM Discussion

MODERATED POSTER SESSION: BEST OF MODERATED PCI POSTER ABSTRACTS II

SUNDAY, SEPTEMBER 23, 2018
3:45 PM - 4:45 PM
Moderated Posters 2, Exhibit Hall, Ground Level

3:45 PM - 4:45 PM
Best of Moderated PCI Poster Abstracts II
Moderators: Holger M. Nef
Discussants: Mohammad Al-Mutairi, Marta Bande, Kenneth Chin, Hadley Wilson, Bernhard Witzenbichler

3:45 PM TCT 705: Current Treatment Strategies for In Stent Restenosis in the Era of Drug Eluting Stents A Meta Analysis
Lecturers: Kleanthis Theodoropoulos, MD

3:52 PM Discussion

3:57 PM TCT 707: A Prospective Randomized Multicenter Study to Assess the Safety and Effectiveness of the Orsiro Sirolimus Eluting Stent in the Treatment of Subjects With Up to Two De Novo Coronary Artery Lesions BIOFLOW IV 3 Year Clinical Results
Lecturers: Ton Slagboom, MD

4:04 PM Discussion

4:09 PM TCT 708: Influence of Hospital Characteristics on the Management and Outcomes of Cardiogenic Shock Complicating Acute Myocardial Infarction A 15 Year National Study
Lecturers: Saraschandra Vallabhajosyula, MD

4:16 PM Discussion

4:21 PM TCT 709: Clinical Importance of intra Procedural Thrombotic Events A VALIDATE SWEDHEART Substudy
Lecturers: Sofia Karlsson, MD

4:28 PM Discussion

4:33 PM TCT 706: Cardiovascular and Non Cardiovascular Death After PCI Insights From 32882 Patients Enrolled in 21 Randomized Trials
Lecturers: Sorin J. Brener

4:40 PM Discussion

MODERATED POSTER SESSION: MISCELLANEOUS PHARMACOTHERAPY STUDIES

SUNDAY, SEPTEMBER 23, 2018
3:45 PM - 4:45 PM
Moderated Posters 6, Exhibit Hall, Ground Level

3:45 PM - 4:45 PM
Miscellaneous Pharmacotherapy Studies
Moderators: Dharam J. Kumbhani
Discussants: John A. Ambrose, Huay Cheem Tan, James E. Udelson

3:45 PM TCT 725: Normalization of Testosterone After Testosterone Replacement Therapy Is Not Associated With Increased Incidence of Recurrent Myocardial Infarction in Patients With A History of Previous Myocardial Infarction
MODERATED POSTER SESSION: PHARMACOLOGY: STATINS AND LIPIDS
SUNDAY, SEPTEMBER 23, 2018
3:45 PM - 4:45 PM
Moderated Posters 3, Exhibit Hall, Ground Level

3:45 PM - 4:45 PM
Pharmacology: Statins and Lipids
Moderators: Evan A. Stein
Discussants: Frederick Feit, Norman E. Lepor

3:45 PM
TCT 710: Effects of Borassus Aetiopium Bread on Metabolic Risk Parameters of Ghanaian Cardiovascular Disease Outpatients: A Pilot Intervention Study
Lecturers: Odeafo Asamoah-Boakye, MD

3:52 PM
Discussion

3:57 PM
TCT 711: Achieving Target LDL Following Percutaneous Coronary Revascularization: Contemporary Results in A Nationalized Health Care System
Lecturers: Trevor Simard, MD

4:04 PM
Discussion

4:09 PM
TCT 712: Metabolic Parameters As Independent Markers for Coronary Endothelial Dysfunction in Humans
Lecturers: Jongwook Yu, MD

4:16 PM
Discussion

4:21 PM
TCT 713: Impact of Statins Preloading Before PCI on Periprocedural Myocardial Infarction Among Stable Angina PeCTOris Patients Undergoing Percutaneous Coronary Intervention: A Meta Analysis of Randomized Controlled Trials
Lecturers: Mohamad Soud, MD

4:28 PM
Discussion

4:33 PM
TCT 714: Association of Statin and Mortality After Transcatheter Aortic Valve Replacement
Lecturers: Poghni Peri-okonny, MD

4:40 PM
Discussion

MODERATED POSTER SESSION: STENT OR SCAFFOLD THROMBOSIS
SUNDAY, SEPTEMBER 23, 2018
3:45 PM - 4:45 PM
Moderated Posters 8, Exhibit Hall, Ground Level

3:45 PM - 4:45 PM
Stent or Scaffold Thrombosis
Moderators: David G. Rizik
Discussants: Salvatore Brugalaetta, Maurizio Menichelli

3:45 PM
TCT 734: Comparison of Thromboresistance Between Everolimus Eluting Fluoropolymer Stent and ELuNIR Ridaforolimus Eluting Coronary StentRidaforolimus Eluting Stent in An Ex Vivo Swine Shunt Model
Lecturers: Hiroyuki Jinnouchi, MD

3:52 PM
Discussion
TCT 735: Clinical Utility of Combined Optical Coherence tomography and Near infrared Spectroscopy for Assessing the Mechanism of Very Late Stent Thrombosis
Lecturers: Yasushi Ino, MD

Discussion

TCT 736: Prevalence and Impact of Bleeding Determinants on Risks for Out of Hospital Bleeding and Coronary Thrombosis in Patients Undergoing Percutaneous Coronary Intervention: Results From A Large Single Center PCI Registry
Lecturers: Sabato Sorrentino, MD

Discussion

TCT 737: Very Late Stent Thrombosis After Revascularization With Biodegradable Polymer Drug Eluting Stents From the SORT OUT VII Trial
Lecturers: Lisette Okkels Jensen

Discussion

TCT 738: incidence and Predictors of Outcomes After First Definite Stent Thrombosis Event
Lecturers: Maria Tovar Forero, MD

Discussion

MODERATED POSTER SESSION: TAVR IN PATIENTS WITH PULMONARY HYPERTENSION OR RV FAILURE

SUNDAY, SEPTEMBER 23, 2018
3:45 PM - 4:33 PM
Moderated Posters S, Exhibit Hall, Ground Level

3:45 PM - 4:33 PM
TAVR in Patients with Pulmonary Hypertension or RV Failure
Moderators: Helge Möllmann, Jeffrey J. Popma
Discussants: Matthias Götberg, Jan Kovac, Ulrich Schäfer

TCT 719: Clinical Impact of Baseline Right Bundle Branch Block in Patients Undergoing Transcatheter Aortic Valve Replacement
Lecturers: Euihong Ko, MD

Discussion

TCT 720: Right Ventricular Function As A Predictor for Mortality in TAVI Patients
Lecturers: Zisis Dimitriadis, MD

Discussion

TCT 722: Pre Existing Pulmonary Hypertension in Patients Undergoing Aortic Valve Replacement Effect on in Hospital Mortality and Procedural Complications
Lecturers: Konstantinos Voudris, MD

Discussion

TCT 723: Pulmonary Arterial Proportional Pulse Pressure: A Hemodynamic Predictor of Right Ventricular Dysfunction and Early Outcomes Following Transcatheter Aortic Valve Replacement
Lecturers: Martín Miguel Amor, MD

Discussion

MODERATED POSTER SESSION: VASCULAR ACCESS DURING PCI I

SUNDAY, SEPTEMBER 23, 2018
3:45 PM - 4:45 PM
Moderated Posters 7, Exhibit Hall, Ground Level

3:45 PM - 4:45 PM
Vascular Access During PCI I
Moderators: Robert J. Applegate
Discussants: Mazen Abu-Fadel, Ithshac Itsik Ben-dor, Zaza Kavteladze, Christopher Pyne, Eufracino Sandoval, Yader Sandoval

TCT 729: Procedural Outcomes of Percutaneous Coronary Interventions for Chronic Total Occlusions Via the Radial Approach Insight From An international CTO Registry
Lecturers: Peter Tajti

Discussion

TCT 730: Distal Transradial Access in the Anatomical Snuffbox for Coronary Angiography As An Alternative Access Site for Faster Hemostasis A Single Center Registry
Lecturers: Shunsuke Aoi, MD

4:04 PM Discussion

4:09 PM TCT 731: Potential Benefits of Modified Short Axis View and Long Axis View Use in Ultrasound Guided Radial Artery Catheterization - A Systematic Review and Meta Analysis of Randomized Controlled Trials
Lecturers: M Chadi Alraies

4:16 PM Discussion

4:21 PM TCT 732: Readmission and Mortality in Patients Undergoing Percutaneous Coronary Intervention Stratified By Access Site Adjusted and Propensity Score Matched Analyses
Lecturers: Ahmad Masri, MD

4:28 PM Discussion

4:33 PM TCT 733: Comparision of Vascular Closure Device With Trans Femoral Approach vs Trans Radial Approach - An Updated Meta Analysis
Lecturers: Sisir Siddamsetti, MD

4:40 PM Discussion

CARDIOVASCULAR PROFESSIONALS (CVP) COURSE: 27TH ANNUAL CARDIOVASCULAR NURSE AND TECHNOLOGIST SYMPOSIUM: HOT TOPICS

SUNDAY, SEPTEMBER 23, 2018
2:00 PM - 4:15 PM
TBD

2:00 PM - 2:30 PM
Session I. PFO Closure Procedure
Moderators: Patricia Keegan
Discussants: Srihari S. Naidu, Martina Kelly Speight

2:00 PM PFO Closure Pharmacology and Procedure
Lecturers: Patricia Keegan

2:10 PM PFO Closure Complications
Lecturers: Srihari S. Naidu

2:20 PM Roundtable Discussion with Audience QA

2:30 PM - 3:25 PM
Session II. Transcatheter Mitral Valve Repair
Moderators: Elizabeth M. Perpetua
Discussants: Julie Logan, Jason H. Rogers, Martina Kelly Speight

2:30 PM Mitral Valve Disease 101 Today and Tomorrow
Lecturers: Julie Logan

2:45 PM Anatomical Assessment for the MitraClip
Lecturers: Elizabeth M. Perpetua

3:00 PM MitraClip Procedure and Complications
Lecturers: Jason H. Rogers

3:15 PM Roundtable Discussion with Audience QA

3:25 PM - 4:15 PM
Session III. Transcatheter Aortic Valve Therapies
Moderators: Martina Kelly Speight
Discussants: Marian C. Hawkey, Patricia Keegan

3:25 PM DAPT and Anticoagulation Post TAVR: What is the Standard of Care
Lecturers: Patricia Keegan

3:35 PM Conduction Abnormalities After TAVR: Management Recommendations
Lecturers: Marian C. Hawkey

3:45 PM Clinical Impact of Valve Thrombosis After TAVR
Lecturers: Martina Kelly Speight

3:55 PM Diagnosing and Managing Perivalvular Leak in Post TAVR Patients

4:05 PM Roundtable discussion with audience QA
EVENING PROGRAM: THE APPROACH TO THE HIGH BLEEDING RISK PATIENT (SPONSORED BY CRF, SUPPORTED BY ABBOTT, BOSTON SCIENTIFIC CORPORATION, BIOSENSORS, CELONOVA BIOSCIENCES, MEDTRONIC, AND ORBUSNEICH)

SUNDAY, SEPTEMBER 23, 2018
6:00 PM - 8:00 PM
Pacific Ballroom 14-17, Level One

6:00 PM - 6:30 PM
Check-In & Reception

6:30 PM - 8:00 PM
The Approach to the High Bleeding Risk Patient
Co Chairs: Roxana Mehran, Marie-Claude Morice, Philip M. Urban
Faculty: Dominick J. Angiolillo, Robert A. Byrne, Bimmer E. Claessen, Giuseppe De Luca, C. Michael Gibson, Ajay J. Kirtane, Mitchell W. Krucoff, Martin B. Leon, Gregg W. Stone, Marco Valgimigli, MD, Robert W. Yeh

6:30 PM Welcome and Introductions
Lecturers: Philip M. Urban

6:32 PM Case Presentation A Patient at High Bleeding Risk and CAD Real Management Dilemmas
Case Presenter: Bimmer E. Claessen

6:37 PM Bleeding Risk Scores: Which One Identifies the Risk Best
Case Presenter: Dominick J. Angiolillo

6:42 PM Balancing the Risk of Bleeding v Ischemia: The TRADEOFF Score
Case Presenter: Philip M. Urban

6:47 PM Leaders Programs
Lecturers: Mitchell W. Krucoff

6:52 PM Onyx Short DAPT Programs
Lecturers: Gregg W. Stone

6:57 PM Xience Short DAPT Programs
Lecturers: Marco Valgimigli, MD

7:02 PM EVOLVE Short DAPT Programs
Lecturers: Ajay J. Kirtane

7:07 PM COBRA REDUCE
Lecturers: Robert A. Byrne

7:12 PM COMBO REDUCE
Lecturers: Giuseppe De Luca

7:17 PM Panel Discussion
7:26 PM Drop ASA
Lecturers: C. Michael Gibson

7:31 PM Reduce Duration
Lecturers: Robert W. Yeh

7:36 PM Switch Therapies
Lecturers: Dominick J. Angiolillo

7:41 PM Use NOACs
Lecturers: C. Michael Gibson

7:46 PM Defining the High Bleeding Risk Patient The ARC HBR
Lecturers: Mitchell W. Krucoff

7:51 PM Panel
8:00 PM Adjourn

EVENING PROGRAM: ULTRATHIN ORSIRO DES: NOVEL TECHNOLOGY, EYE- CATCHING CASES AND ROBUST EVIDENCE (SPONSORED BY BIOTRONIK)

SUNDAY, SEPTEMBER 23, 2018
6:00 PM - 8:00 PM
Pacific Ballroom 23-26, Level One

6:00 PM - 8:00 PM
Ultrathin Orsiro DES: Novel technology, eye-catching cases and robust evidence
Chairs: David E. Kandzari
FDA TOWN HALL MEETING PART 2: HOT TOPICS

SUNDAY, SEPTEMBER 23, 2018
2:00 PM - 6:00 PM
Room 29A-B, Upper Level

2:00 PM - 2:52 PM
Session I. Sham Controlled Studies: Regulatory, Clinical, and Industry Perspectives
Moderators: Kenneth J. Cavanaugh Jr, Roxana Mehran
Discussants: Jeroen J. Bax, Robert O. Bonow, Anthony H. Gershlick, Ajay J. Kirtane, Laura Mauri, Hiren Mistry, Mark Reisman, Chuck Simonton, Gregg W. Stone

2:00 PM ORBITA One Year Later: What Would I Do Differently If Anything
Lecturers: Rasha Al-Lamee

2:08 PM Sham Controls in Renal Denervation Studies: Need to Have vs Nice to Have
Lecturers: Laura Mauri

2:16 PM FDA Perspectives on Sham Controlled Trials
Lecturers: Hiren Mistry

2:24 PM Patient Perspectives on Sham Controlled Trials

2:32 PM Roundtable Discussion with Audience QA: Pros And Cons of Sham Controlled Trials

2:52 PM - 3:25 PM
Session II. Accessory Devices for TAVR: Case Study Cerebral Embolic Protection Devices
Moderators: Jeffrey J. Popma, Changfu Wu

2:52 PM Cerebral Embolic Protection for TAVR Procedures: A Critical Appraisal
Lecturers: Samir R. Kapadia

3:00 PM Cerebral Embolic Protection: Regulatory Perspectives
Lecturers: Sadaf Toor

3:08 PM Roundtable Discussion with Audience QA: Safety and Effectiveness Considerations

3:25 PM - 4:01 PM
Session III. Mitral Repair/Replacement Devices
Moderators: Michael J. Mack, Changfu Wu
Discussants: Howard C. Herrmann, John C Laschinger, David P. Pomfret, Jaime Raben, Horst Sievert, Gregg W. Stone, Eric Vang, Bernard Vasseur

3:25 PM Pivotal Transcatheter FMR Device Trials: COAPT MITRAfr Reduce FMR ACTIVE and More
Lecturers: Gregg W. Stone

3:33 PM Transcatheter Mitral Valve Replacement: Trial Design Considerations
Lecturers: John C Laschinger

3:41 PM Roundtable Discussion With Audience QA: How May Recent Trials Affect the Landscape

4:01 PM - 4:37 PM
Session IV. Tricuspid Repair/Replacement Devices
Moderators: Jaime Raben
Discussants: Vinayak Bapat, Brij Moini, Christopher U. Meñuri, David Pomfret, Josep Rodés-Cabau, Bernard Vasseur, Bernard Zovighian

4:01 PM Transcatheter Tricuspid Valve Therapies: Challenging Technologies and Clinical Trial Pathways
Lecturers: Josep Rodés-Cabau

4:09 PM Regulatory Considerations for Transcatheter Tricuspid Valve Therapies
Lecturers: Bernard Vasseur

4:17 PM Roundtable Discussion with Audience QA: Demonstrating safety and Efficacy for TR Reduction Therapies

4:37 PM - 5:13 PM
Session V. Percutaneous Circulatory Support Devices: Clinical Needs, Payer Considerations, and Regulatory Challenges
Moderators: Nicole Ibrahim, David E. Kandzari

4:37 PM Are Randomized Trials Feasible for Percutaneous Mechanical Support Devices
Lecturers: Holger Thiele

4:45 PM Percutaneous Mechanical Support Devices for Shock and Pre Shock: Clinical and Regulatory Considerations
Lecturers: John C Laschinger

4:53 PM Roundtable Discussion with Audience QA: Reimbursement and Regulatory Challenges for Percutaneous Circulatory Support Devices

5:13 PM - 6:00 PM
Session VI: Drug-Coated Balloons: Coronary and Peripheral Indications
Moderators: Juan F. Granada, Michael C. John
Discussants: Bernardo Cortese, Aloke V. Finn, William A. Gray, Alexandra J. Lansky, P.F. Adrian Magee, Jeff Mirviss, Semih Oktay, Sahil A. Parikh, Bruno Scheller, Robert S. Schwartz, Eleni Whatley

5:13 PM DCB for BTK: Clinical Challenges and Lessons Learned
Lecturers: William A. Gray

5:21 PM DCB for Coronary Artery Disease: In Stent Restenosis NSTEMI and Small Vessels
Lecturers: Bruno Scheller

5:29 PM FDA Perspectives on DCB in Coronary and Peripheral Interventions
Lecturers: P.F. Adrian Magee

5:37 PM Roundtable Discussion with Audience QA: Least Burdensome Trials to Demonstrate DCB Safety and Effectiveness

EDITED TAPED CASES

SUNDAY, SEPTEMBER 23, 2018
2:30 PM - 4:40 PM
Presentation Theater 3, Exhibit Hall, Ground Level

2:30 PM - 4:40 PM
Edited Taped Cases
Moderators: Stefan Harb, Chet Rihal
Discussants: Matthew J Daniels, Adam Janas, Simon Cheung-chi Lam, Jorge Palazuelos

2:30 PM Intravascular Lithotripsy for a Severely Underexpanded Coronary Stent
Case Presenter: Stuart Watkins

2:42 PM Discussion and QA

2:50 PM Axillary Artery Access for Mechanical Circulatory Support in Patients with Prohibitive Peripheral Arterial Disease Undergoing High risk PCI
Case Presenter: Amir Kaki

3:02 PM Discussion

3:10 PM Self positioning Transspetal Puncture and Guidance System
Case Presenter: Francesco Maisano
3:22 PM  Discussion

3:30 PM  Percutaneous Mitral Valve in valve Implantation with Sapien 3 Prosthes in Failed Mosaic Surgical Valve Using the Transeptal Approach
  Case Presenter: Caterina Gandolfo

3:42 PM  Discussion

3:50 PM  AltaValve TMVR
  Case Presenter: Anita Asgar

4:02 PM  Discussion

4:10 PM  Moderate Sedation Left Atrial Appendage Occlusion
  Case Presenter: Mohamad Adnan Alkhouli

4:30 PM  Discussion
## BREAKFAST PROGRAM: CBCEC INITIATIVE (SPONSORED BY CBCEC)

**Monday, September 24, 2018**

6:30 AM - 8:00 AM

26A-B

## BREAKFAST PROGRAM: CHAT-WITH-EXPERTS: DAPT STRATEGIES FOR MANAGING HIGH-BLEEDING RISK DES PATIENTS (SPONSORED BY ABBOTT)

**Monday, September 24, 2018**

6:30 AM - 8:00 AM

Room 30D-E, Upper Level

### Chat-With-Experts: DAPT Strategies for Managing High-Bleeding Risk DES Patients

**Faculty:** Aloke V. Finn, Roxana Mehran, Stephan Windecker

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<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>6:30 AM</td>
<td>Check in  Breakfast</td>
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<tr>
<td>7:00 AM</td>
<td>Welcome  &lt;br&gt;  Lecturers: Roxana Mehran</td>
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<tr>
<td>7:05 AM</td>
<td>Current Challenges in Managing HBR Patients and the Role of DES  &lt;br&gt;  Lecturers: Stephan Windecker</td>
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<tr>
<td>7:10 AM</td>
<td>Impact of DES Design on Short DAPT Duration  &lt;br&gt;  Lecturers: Aloke V. Finn</td>
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<tr>
<td>7:15 AM</td>
<td>Live QA with Panel Faculty  &lt;br&gt;  Lecturers: Aloke V. Finn, Roxana Mehran, Stephan Windecker</td>
</tr>
<tr>
<td>7:55 AM</td>
<td>Closing Remarks  &lt;br&gt;  Lecturers: Roxana Mehran</td>
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## BREAKFAST PROGRAM: INTERVENTIONAL THERAPIES FOR HYPERTENSION - CURRENT EVIDENCE AND CONTROVERSIES (SPONSORED BY CRF, SUPPORTED BY MEDTRONIC)

**Monday, September 24, 2018**

6:30 AM - 8:00 AM

Room 23B-C, Upper Level

### Interventional Therapies for Hypertension: Current Evidence and Controversies

**Co Chairs:** Juan F. Granada, Ajay J. Kirtane, Martin B. Leon  <br>  **Faculty:** David E. Kandzari, Felix Mahfoud, Michael A. Weber, MD

<table>
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<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>6:30 AM - 7:00 AM</td>
<td>Check-In &amp; Breakfast</td>
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<tr>
<td>7:00 AM</td>
<td>Welcome and Introductions  &lt;br&gt;  Lecturers: Martin B. Leon</td>
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<tr>
<td>7:02 AM</td>
<td>Preclinical Advances in the Understanding of Interventional Hypertension Therapies &lt;br&gt;  Lecturers: Felix Mahfoud</td>
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<tr>
<td>7:14 AM</td>
<td>Moderated Discussion</td>
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<tr>
<td>7:19 AM</td>
<td>In Case You Missed It: Whats Happened So Very Recently in Renal Denervation  &lt;br&gt;  Lecturers: Ajay J. Kirtane</td>
</tr>
<tr>
<td>7:31 AM</td>
<td>On Meds or Off Meds: What is the Sweet Spot for Device Based Hypertension Therapies &lt;br&gt;  Lecturers: Michael A. Weber, MD</td>
</tr>
<tr>
<td>7:42 AM</td>
<td>Regulatory and Reimbursement Challenges for Hypertension Therapies: My Crystal Ball for the Next 5 10 years  &lt;br&gt;  Lecturers: David E. Kandzari</td>
</tr>
<tr>
<td>7:54 AM</td>
<td>Moderated Discussion</td>
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BREAKFAST PROGRAM: LEFT MAIN SYMPOSIUM (SPONSORED BY INDIA MEDTRONIC)

MONDAY, SEPTEMBER 24, 2018
6:30 AM - 8:00 AM
Room 28D-E, Upper Level

6:30 AM - 8:00 AM
Left Main Symposium
Faculty: Antonio Colombo, Gary S. Mintz

6:30 AM  Check in Breakfast
7:00 AM  Leading the Way in Left Main: Symposium Objective
Lecturers: Antonio Colombo

7:03 AM  Left Main Bifurcation: Where are we today in 2018
Moderators: Gary S. Mintz
Discussants: Antonio Colombo

7:13 AM  Impact of Stent Design on LM Bifurcation
Moderators: Gary S. Mintz
Discussants: Antonio Colombo

7:23 AM  Case: Left Main Bifurcation  Provisional Stenting Technique
Moderators: Gary S. Mintz
Discussants: Antonio Colombo

7:31 AM  Case: Imaging Guided Left Main PCI
Moderators: Gary S. Mintz
Discussants: Antonio Colombo

7:39 AM  Case: Left Main Trifurcation
Moderators: Gary S. Mintz
Discussants: Antonio Colombo

7:47 AM  Case: Rotablation In Left Main
Moderators: Gary S. Mintz
Discussants: Antonio Colombo

7:55 AM  Conclusion  Closing Remarks

BREAKFAST PROGRAM: THE CARILLON MITRAL CONTOUR SYSTEM: RESHAPING THE COURSE OF FMR (SPONSORED BY CARDIAC DIMENSIONS)

MONDAY, SEPTEMBER 24, 2018
6:30 AM - 8:00 AM
Room 28A-B, Upper Level

6:30 AM - 8:00 AM
The Carillon Mitral Contour System: Reshaping the Course of FMR
Chairs: Horst Sievert
Faculty: Steven L. Goldberg, Samir R. Kapadia, Martin B. Leon, Klaus Witte, MBBS, MRCP, MD, FESC, FACC

6:30 AM  Check in Breakfast
7:00 AM  Highlights from Late Breaking Clinical Trials: FMR Studies
Lecturers: Horst Sievert

7:10 AM  A Heart Failure Physicians Perspective on FMR
Lecturers: Klaus Witte, MBBS, MRCP, MD, FESC, FACC

7:25 AM  Insights on the REDUCE FMR Trial: A Randomized Sham Controlled Trial
Lecturers: Horst Sievert

7:45 AM  The CARILLON Trial: A Randomized Sham controlled IDE Trial
Lecturers: Samir R. Kapadia

7:55 AM  Summary of FMR Trials
Lecturers: Steven L. Goldberg

BREAKFAST PROGRAM: UNDERSTANDING THE CROWDED LANDSCAPE OF PERCUTANEOUS MITRAL INTERVENTIONS (SPONSORED BY CRF, SUPPORTED BY ABBOTT)
6:30 AM - 7:00 AM  
**Check-In & Breakfast**

7:00 AM - 8:00 AM  
**Understanding the Crowded Landscape of Percutaneous Mitral Interventions**  
Chairs: Ted Feldman  
Faculty: William T. Abraham, Paul Sorajja

- 7:00 AM **Welcome**  
  Lecturers: Ted Feldman

- 7:05 AM **Status of MitraClip Therapy in US Practice: Real World Practice and Outcomes**  
  Lecturers: Paul Sorajja

- 7:20 AM **COAPT Mitra France and Reshape: Latest Trial Results for Transcatheter Repair for FMR**  
  Lecturers: William T. Abraham

- 7:35 AM **Future Directions: Impact of Trial Results on Patient Selection Next Gen Repair Devices and Role of Mitral Replacement**  
  Lecturers: Ted Feldman

- 7:50 AM **Roundtable Discussion with Audience QA**

8:00 AM  
**Adjourn**

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**MAIN ARENA III, MONDAY, SEPT. 24**

8:00 AM - 1:00 PM  
Main Arena, Hall F, Ground Level

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8:00 AM - 9:30 AM  
**Live Cases #5**  
Live Case Moderators: Martin B. Leon  
Factoid Faculty: Christine J. Chung, Amirali Masoumi, Megha Prasad, Sabato Sorrentino, Eisuke Usui

- 8:00 AM **Heart Center Bonn University Hospital Bonn Germany**  
  Live Case Operators: Eberhard Grube, Georg Nickenig

- 8:45 AM **St Pauls Hospital Vancouver BC**  
  Live Case Operators: John G. Webb, David A. Wood

9:30 AM - 9:54 AM  
**Rapid Fire Case Controversies: Endovascular**  
Moderators: Tony Das, Sahil A. Parikh  
Discussants: George L Adams, Jacques Busquet, Brian G. DeRubertis, Virendra I Patel, Mahmood K. Razavi, Kenneth Rosenfield, Christopher J. White

- 9:30 AM **The Other Type Of Aortic Stenosis: Complex Aortoiliac Occlusive Disease**  
  Case Presenter: Ehrin J. Armstrong

- 9:38 AM **Long Calculified SFA Chronic Occlusion**  
  Case Presenter: Lawrence A. Garcia

- 9:46 AM **Complex Multilevel Critical Limb Ischemia**  
  Case Presenter: Arthur C. Lee

9:54 AM - 10:09 AM  
**TCT 2018 Linnemeier Young Investigator Award**  
Award Presenters: Gregg W. Stone  
Lecturers: Lorenzo Azzalini, Salvatore Brugaletta, Philipp Lurz, Luis Nombela-Franco

10:09 AM - 10:15 AM
TCT 2018 Shark Tank Winner
Award Presenters: Juan F. Granada

10:15 AM - 11:15 AM
Late-Breaking Trials 4
Moderators: C. Michael Gibson, Gregg W. Stone
Discussants: John A. Ambrose, Deepak L. Bhatt, David Erlinge, John McB. Hodgson, Ryan D. Maddera, Gary S. Mintz, James E. Muller, Robert M. Schainfeld, Freek W.A. Verheugt

10:15 AM  ULTIMATE: A Randomized Trial of Intravascular Ultrasound Guidance of Coronary Drug Eluting Stent Implantation in an All Comers Patient Population
Lecturers: Junjie Zhang

10:27 AM  Roundtable Discussion

10:35 AM  LRP: Assessment of Coronary Near Infrared Spectroscopy Imaging to Detect Vulnerable Plaquesand Vulnerable Patients
Lecturers: Ron Waksman

10:47 AM  Roundtable Discussion

10:55 AM  OAC ALONE: A Randomized Trial of Oral Anticoagulation With vs Without Single Antiplalet therapy in Patients With Atrial Fibrillation Beyond One Year After Drug Eluting Stent Implantation
Lecturers: Yukiko Nakano

11:07 AM  Roundtable Discussion

11:15 AM - 12:00 PM
Live Case #6
Live Case Moderators: Gregg W. Stone
Live Case Co Moderators: David H. Adams
Live Case Discussants: Jonathon A. Leipsic, Scott Lim, Randolph P. Martin, Christopher U. Meduri, David W.M. Muller, Robert J. Siegel, Horst Sievert, Paul Sarajja, Mathew Williams
Factoid Faculty: Christine J. Chung, Amirali Masoumi, Megha Prasad, Sabato Sorrentino, Eisuke Usui

11:15 AM  NYPHColumbia University Medical Center New York NY
Live Case Operators: Michael Collins, Rebecca T. Hahn, Dimitri Karpolidiotis, Susheel K. Kodali, Nicholas J. Lembo, Manish A. Parikh

12:00 PM - 1:00 PM
Late-Breaking Clinical Science 2, Co-Sponsored by The European Heart Journal
Moderators: Thomas F. Lusch
Co Moderator: Jeroen J. Bax
Discussants: Pawel E. Buszman, Jeff Chambers, Stephen G. Ellis, Bernard J. Gersh, Stuart J. Head, Niels R. Holm, Ron Kornowski, Ulf Landmesser, Alexandra J. Lansky, Perwaiz M. Meraj

12:00 PM  FAST FFR: Accuracy of Fractional Flow Reserve Derived From Coronary Angiography
Lecturers: William F. Fearon

12:10 PM  Roundtable Discussion

12:15 PM  SYNTAXES: Ten Year Follow up From a Randomized Trial of Drug Eluting Stents vs Bypass Surgery in Patients With Left Main and Triple Vessel Disease
Lecturers: Daniel J.F.M. Thuijs

12:25 PM  Roundtable Discussion

12:30 PM  MAIN COMPARE: Ten Year Follow up From a Nonrandomized Trial of Drug Eluting Stents vs Bypass Surgery in Patients With Left Main Disease
Lecturers: Seung-Jung Park

12:40 PM  Roundtable Discussion

12:45 PM  PREPARE CALC: A Randomized Trial of High speed Rotational Atherectomy Prior to Drug Eluting Stent Implantation in Severely Calcified Coronary Lesions
Lecturers: Gert Richardt

12:55 PM  Roundtable Discussion

LIVE CASE THEATER V, MONDAY, SEPTEMBER 24

MONDAY, SEPTEMBER 24, 2018
8:00 AM - 12:00 PM
Ballroom 20, Upper Level

8:00 AM - 10:00 AM
Session I. Live Cases: ENDO
Live Case Moderators: Gary M. Ansel
Live Case Co Moderators: Stephen R. Ramee
Factoid Faculty: Matthew T Finn, Amirali Masoumi, Masahiko Noguchi, Evan Shlofmitz, Sabato Sorrentino

8:00 AM University Hospital Leipzig Leipzig Germany
Live Case Operators: Sven Braunlich, Manuela Matschuck, Dierk Scheinert, Andrej Schmidt, Mathias Ulrich

9:00 AM University Hospital Leipzig Leipzig Germany
Live Case Operators: Sven Braunlich, Manuela Matschuck, Dierk Scheinert, Andrej Schmidt, Mathias Ulrich

10:00 AM - 12:00 PM
Session II. Live Cases: SHD
Live Case Moderators: Ted Feldman
Live Case Co Moderators: Hüseyin Ince
Live Case Discussants: Alain G. Cribier, Paolo Denti, Chandan Devireddy, Mackram F. Eleid, Stephen H. Little, Ganesh Manoharan, Josep Rodés-Cabau, Joachim Schofer, Dee Dee Wang
Factoid Faculty: Matthew T Finn, Amirali Masoumi, Masahiko Noguchi, Evan Shlofmitz, Sabato Sorrentino

10:00 AM Heart Center Bonn University Hospital Bonn Germany
Live Case Operators: Eberhard Grube, Georg Nickenig

11:00 AM St Pauls Hospital Vancouver BC Canada
Live Case Operators: Anson Cheung, John G. Webb

LIVE CASE THEATER VI, MONDAY, SEPTEMBER 24

MONDAY, SEPTEMBER 24, 2018
2:00 PM - 6:00 PM
Ballroom 20, Upper Level

2:00 PM - 4:00 PM
Session I. Live Cases: Imaging/CTO/CHIP
Live Case Moderators: George D. Dangas
Live Case Co Moderators: Stephen G. Worthley
Factoid Faculty: Amirali Masoumi, Masahiko Noguchi, Megha Prasad, Evan Shlofmitz, Eisuke Usui

2:00 PM St Francis Hospital Long Island NY Imaging
Live Case Operators: Allen Jeremias, Richard Shlofmitz
Live Case Guest Operators: Jeffrey W. Moses

3:00 PM NYPHColumbia University Medical Center New York NY CTOCHIP
Live Case Operators: Michael Collins, Rebecca T. Hahn, Dimitri Karmpaliotis, Nicholas J. Lembo, Manish A. Parikh

4:00 PM - 6:00 PM
Session II. Live Cases: CHIP/Imaging
Live Case Moderators: Paul S. Teirstein
Live Case Co Moderators: Morton J. Kern
Live Case Discussants: Carlo Di Mario, Alfredo R. Galassi, Lei Ge, Paul Hsien-Li Kao, Tullio Palmerini, David G. Rizik, Richard A. Schatz, Ashok Seth, Jassvindar Singh
Factoid Faculty: Amirali Masoumi, Masahiko Noguchi, Megha Prasad, Evan Shlofmitz, Eisuke Usui

4:00 PM St Francis Hospital Long Island NY CHIP
Live Case Operators: Allen Jeremias, Richard Shlofmitz
Live Case Guest Operators: Jeffrey W. Moses

5:00 PM NYPHColumbia University Medical Center New York NY
Live Case Operators: Ziad A. Ali, Dimitri Karmpaliotis, Nicholas J. Lembo, Manish A. Parikh

KEYNOTE INTERVENTIONAL STUDIES VII: STRUCTURAL HEART INTERVENTIONS II

MONDAY, SEPTEMBER 24, 2018
8:00 AM - 9:00 AM
Ballroom 6A, Upper Level

8:00 AM - 9:00 AM
Keynote Interventional Studies VII: Structural Heart Interventions II
Moderators: Charles J. Davidson, Francesco Maisano
Discussants: Stephan Baldus, Anthony A. Bavry, Peter C. Block, Joseph Carozza, Howard C. Herrmann, Vinod H. Thourani, E. Murat Tuzcu, Mathew Williams

8:00 AM TENDYNE Transcatheter Mitral Prosthesis: Long term Results From the First 100 Patients Enrolled in the Global Feasibility Study
Lecturers: Paul Sorajja

8:10 AM Discussion

8:15 AM SAPIEN M3 Transcatheter Mitral Valve Replacement System: 30 Day Outcomes From the US Early Feasibility Study
Lecturers: Raj Makkar

8:25 AM Discussion

8:30 AM DIRECT: A Randomized Trial Evaluating Predilatation Prior to Implantation of a Self Expanding Transcatheter Heart Valve in Patients With Severe Aortic Stenosis
Lecturers: Konstantinos Toutouzas

8:40 AM Discussion

8:45 AM CENTER Collaboration II: Incidence Predictors and Outcomes of Stroke in Patients Undergoing Transcatheter Heart Valve Implantation for Severe Aortic Stenosis
Lecturers: Wieneke Vlastra

8:55 AM Discussion

KEYNOTE INTERVENTIONAL STUDIES VIII: PHARMACOTHERAPY TRIALS AND HIGH BLEEDING RISK PATIENTS

Monday, September 24, 2018
9:00 AM - 10:00 AM
Ballroom 6A, Upper Level

9:00 AM Global Leaders: A Randomized Trial of Ticagrelor Monotherapy After PCI Patient Oriented Clinical Outcomes and Net Adverse Cardiovascular Events
Lecturers: Patrick W. Serruys

9:10 AM Discussion

9:15 AM HEALING AMI: A Randomized Trial of Ticagrelor to Improve Left Ventricular Remodeling in ST Segment Elevation Myocardial Infarction
Lecturers: Yongwhi Park

9:25 AM Discussion

9:30 AM SECURE PCI: Impact of Timing of Atorvastatin Loading Dose in Patients Undergoing PCI for Acute Coronary Syndromes
Lecturers: Renato D. Lopes

9:40 AM Discussion

9:45 AM EVOLVE SHORT DAPT: Three Month Outcomes on Dual Antiplatelet Therapy in a High Bleeding Risk Population Treated With a Bioresorbable Polymer Based Drug Eluting Stent
Lecturers: Ajay J. Kirtane

9:55 AM Discussion

KEYNOTE INTERVENTIONAL STUDIES IX: FOUR FASCINATING AND VERY DIFFERENT STUDIES

Monday, September 24, 2018
1:00 PM - 2:00 PM
Ballroom 6A, Upper Level

1:00 PM REDUCE HTN: REINFORCE: A Sham Controlled Off Med Randomized Trial of Renal Denervation for Treatment of Hypertension
Lecturers: Michael A. Weber

1:10 PM Discussion

1:15 PM ARCUS: Comprehensive Assessment of Upper Extremity Function After Transradial PCI
Lecturers: A.J.J. Usselmuiden
**DIDACTIC SESSION: PHYSIOLOGIC LESION ASSESSMENT AND INTERVENTIONAL PLANNING**

**MONDAY, SEPTEMBER 24, 2018**

8:00 AM - 12:00 PM
Room 2, Upper Level

### Session I: Non-invasive Imaging to Guide Revascularization

**Moderators:** Pamela S. Douglas, Javier Escaned

**Discussants:** Colin Berry, Nick Curzen, Paul Knaapen, Ran Kornowski, Eike Nagel, Robert D. Safian

<table>
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| 8:00 AM | **Physiology Case Vignette 1: Pulling the FFRC RIPCORD**  
Case Presenter: Nick Curzen                                    |
| 8:05 AM | **Relative Diagnostic performance of Non Invasive Tests Versus FFR: The PACIFIC Study**  
Lecturers: Paul Knaapen                                           |
| 8:13 AM | **FFRCT: From PLATFORM to PRECISE**  
Lecturers: Pamela S. Douglas                                      |
| 8:21 AM | **FFRCT: Interactive Virtual Stenting and DECISION**  
Lecturers: Gregg W. Stone                                         |
| 8:29 AM | **FFRCT in Everyday Practice TODAY: A How to Guide**  
Lecturers: Robert D. Safian                                       |
| 8:37 AM | **Cardiac MRI as Physiologic Gatekeeper: The MR INFORM Trial**  
Lecturers: Colin Berry                                             |
| 8:45 AM | **Physiology Case Vignette 2: Angiography Derived FFR**  
Case Presenter: Ran Kornowski                                     |
| 8:50 AM | **Roundtable Discussion With Audience QA**                        |

### Session II: Fractional Flow Reserve (FFR) to Guide Revascularization

**Moderators:** William F. Fearon, Nils Johnson

**Discussants:** Jung-Min Ahn, Thomas Engstroem, Habib Samady, Arnold Seto, Eric Van Belle, Frederik M. Zimmermann

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| 9:00 AM | **Physiology Case Vignette 3: FFR Guidance in Multivessel Disease**  
Case Presenter: Eric Van Belle                                    |
| 9:05 AM | **Can FFR Guided PCI Reduce Death and MI**  
Lecturers: Frederik M. Zimmermann                                 |
| 9:15 AM | **FFR Artifacts Failures and Troubleshooting**  
Lecturers: Thomas Engstroem                                       |
| 9:25 AM | **Physiology Case Vignette 4: FFR Assessment of a Non ACS Culprit Lesion**  
Case Presenter: Niels van Royen                                  |
| 9:30 AM | **FFR in Non Culprit ACS Lesions: What To Do Before FULL REVASC**  
Lecturers: Felix Bohm                                              |
| 9:40 AM | **FFR After PCI: Should We REACT**  
Lecturers: Zsolt Piroth                                             |
| 9:50 AM | **Roundtable Discussion With Audience QA**                        |

### Session III: Resting Physiology to Guide Revascularization

**Moderators:** Justin E. Davies, Matthias Götberg

**Discussants:** Leandro I Lasave, Sameh Mansour, Sukhjinder S Nijjer, Seung-Jung Park, Andrew Sharp

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<tr>
<td>10:00 AM</td>
<td><strong>Physiology Case Vignette 5: Utilization of iFR in Complex PCI</strong></td>
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**TRANSCATHETER CARDIOVASCULAR THERAPEUTICS | MONDAY, SEPTEMBER 24, 2018**
10:05 AM  Is iFR Guided Revascularization Effective and Cost Saving  
Lecturers: Matthias Göttberg

10:15 AM  Diastolic Pressure Ratios dPR: Implications for Physiology and Practice  
Lecturers: Nils Johnson

10:25 AM  Physiology Case Vignette 6: Tandem Lesions  
Lecturers: Andrew Sharp

10:30 AM  Pullback Assessment At Rest: Spot the Problem  
Lecturers: Justin E. Davies

10:40 AM  Clinical Conundrum: When Resting and Hyperemic Pressure Indices Disagree  
Lecturers: Tim P. van de Hoef

10:50 AM  Roundtable Discussion With Audience QA

11:00 AM - 12:00 PM  
Session IV. Invasive Flow Assessment to Guide Revascularization  
Moderators: Morton J. Kern, Jan J. Piek
Discussants: Rasha Al-Lamee, Giuseppe De Luca, Ole Fröbert, Zsolt Piroth, Afzalur Rahman, Tim P. van de Hoef

11:00 AM  Physiology Case Vignette 7: Combined PressureFlow in Practice  
Case Presenter: Morton J. Kern

11:05 AM  When Pressure and Flow Disagree: The DEFINE FLOW Trial  
Lecturers: Jan J. Piek

11:15 AM  Absolute Flow and Resistance as an Everyday Tool: Technique and Applications

11:25 AM  Physiology Case Vignette 8: IMR Made the Diagnosis  
Case Presenter: Afzalur Rahman

11:30 AM  Utility of IMR in Stable Angina and in STEMI Culprits  
Lecturers: William F. Fearon

11:40 AM  Assessing Chest Pain With Invasive Physiology: Lessons From Orbita and Other Studies  
Lecturers: Rasha Al-Lamee

11:50 AM  Roundtable Discussion With Audience QA

DIDACTIC SESSION: THE CTO SUMMIT, PART 1: EVIDENCE. TECHNIQUE, AND PROGRAM BUILDING

MONDAY, SEPTEMBER 24, 2018  
8:00 AM - 12:00 PM  
Room 5, Upper Level

8:00 AM - 9:00 AM  
Session I. CTO PCI in 2018: Controversial Data and Debates  
Moderators: John A. Spertus, Robert W. Yeh
Discussants: Evald H. Christiansen, Carlo Di Mario, J. Aaron Grantham, Seung-Hwan Lee, Barry D. Rutherford, Gerald S. Werner

8:00 AM  Data Analysis: The Big Three Trials  
Lecturers: Ajay J. Kirtane

8:10 AM  Decision CTO EURO CTO OPEN CTO  
Lecturers: Ajay J. Kirtane

9:00 AM - 10:30 AM  
Session II. Procedural Basics  
Moderators: Alfredo R. Galassi, R. Michael Wyman
Discussants: Ravi S. Hira, Ungi Imre, Arun Kalyanasundaram, Aras Maran, Mitul Patel, Shigeru Saita, Masahisa Yamane

9:00 AM  The 2018 Essential Toolbox for CTO PCI: Wires Micro Catheters and Other Ancillary Devices  
Lecturers: Robert F. Riley

9:10 AM  Innovation in CTO PCI: Why Are We Getting Better  
Lecturers: Masahisa Yamane

9:20 AM  Roundtable Discussion With Audience QA

9:30 AM  Basic Principles of Wire Manipulation  
Lecturers: William L. Lombardi

9:40 AM  Roundtable Discussion With Audience QA

9:45 AM  Angiogram Performance and Evaluation for the CTO Operator: Proximal Cap Distal Cap Lesion Length and Collateral Assessment  
Lecturers: Margaret B. McEntegart
**9:55 AM** Roundtable Discussion With Audience QA

**10:00 AM** Contemporary Antegrade Dissection and Re Entry: Step by Step Technique  
Lecturers: Ashish Pershad

**10:10 AM** Roundtable Discussion With Audience QA

**10:15 AM** The Retrograde Approach: Step by Step Instructions  
Lecturers: William Nicholson

**10:25 AM** Roundtable Discussion With Audience QA

**10:30 AM - 12:00 PM**  
*Session III. CTO Trouble Shooting and Algorithms for Success*  
Moderators: Javier Escaned, Gerald S. Werner  
Discussants: Mauro Carlino, Omer Goktekin, Sanjog Kalra, Vincent On-Hing Kwok, S C Wong, Luiz F Ybarra

**10:30 AM** Wire Crosses Proximal Cap but the Proximal or Distal Cap is Uncrossable or Undilatable: What Now  
Lecturers: Julian Strange

**10:40 AM** Roundtable Discussion With Audience QA

**10:45 AM** ADR is not Working: What Now  
Lecturers: Tony J. DeMartini

**10:55 AM** Roundtable Discussion With Audience QA

**11:00 AM** The Wire Has Crossed the Collateral but the Microcatheter Wont: Next Steps  
Lecturers: Ashish Pershad

**11:10 AM** Roundtable Discussion With Audience QA

**11:15 AM** The REVERSE CART is Not Working: What Now  
Lecturers: Masahisa Yamane

**11:25 AM** Roundtable Discussion With Audience QA

**11:30 AM** Hemodynamic Support for CTO PCI: Who When and How  
Lecturers: James M. McCabe

**11:40 AM** Roundtable Discussion With Audience QA

**11:45 AM** Failing with Style: The Concept of the Sub Intimal Plaque Modification SPM and STAR With Deferred Stenting  
Lecturers: Patrick J Goleski

**11:55 AM** Roundtable Discussion With Audience QA

**DIDACTIC SESSION: TRANSCATHETER MITRAL VALVE THERAPIES, PART 2 - TRANSCATHETER MITRAL VALVE REPLACEMENT (TMVR)**

**MONDAY, SEPTEMBER 24, 2018**  
**8:00 AM - 12:15 PM**  
Room 1, Upper Level

**8:00 AM - 8:57 AM**  
*Session I. TMVR Patient Selection/Trial Design*  
Moderators: David H. Adams, Shmuel Banai  

**8:00 AM** TMVR for Secondary MR: Why Elimination of MR Can Be Beneficial  
Lecturers: William T. Abraham

**8:07 AM** Why TMVR for Secondary MR May Not Be Enough: Its a Disease of the Left Ventricle Not the Mitral Valve  
Lecturers: JoAnn Lindenfeld

**8:14 AM** The Essentials of CT Imaging for TMVR  
Lecturers: Jonathon A. Leipsic

**8:21 AM** Adverse Outcomes in Early Feasibility TMVR Studies: Is it the Patient the Device or the Implant Technique  
Lecturers: Robert L. Smith

**8:28 AM** Transcatheter Repair or Replacement for Secondary MR Risk Benefit Analysis  
Lecturers: Jason H. Rogers

**8:35 AM** Should and Will COAPT Affect TMVR Trial Design and Patient Recruitment  
Lecturers: Michael J. Mack

**8:42 AM** Roundtable Discussion With Audience QA
**Session II. Early TMVR Feasibility and Pivotal Trials**

Moderators: Vinayak Bapat, David W.M. Muller

Discussants: Gregory P. Fontana, Michael J. Mack, Bernard Prendergast, Jason H. Rogers, Rashmi Yadav

8:57 AM  
**Intrepid: Device Attributes Implant Procedure Clinical Results and APOLLO Design and Status**  
Lecturers: Michael J. Reardon

9:07 AM  
**Tendyne: Device Attributes Implant Procedure Clinical Results and SUMMIT Design and Status**  
Lecturers: Gorav Ailawadi

9:17 AM  
**Tiara: Device Attributes Implant Procedure and Clinical Results**  
Lecturers: Shmuel Banai

9:25 AM  
**HighLife: Device Attributes Implant Procedure and Clinical Results**  
Lecturers: Ruediger S. Lange

9:33 AM  
**CardiAQ: Device Attributes Implant Procedure and Early Results**  
Lecturers: Molly Szerlip

9:41 AM  
**Sapien M3: Device Attributes Implant Procedure and Early Results**  
Lecturers: Raj Makkar

9:49 AM  
**Caisson: Device Attributes Implant Procedure and Early Results**  
Lecturers: Mathew Williams

9:57 AM  
**CardioValve: Device Attributes Implant Procedure and Early Results**  
Lecturers: Francesco Maisano

10:05 AM  
**Cephea: Device Attributes Implant Procedure and First in Human**  
Lecturers: Juan F. Granada

10:12 AM  
**Altara: Device Attributes Implant Procedure and First in Human**  
Lecturers: Philippe Genereux

10:19 AM  
**Roundtable Discussion With Audience QA**

10:34 AM - 11:27 AM  
**Session III. Complications of TMVR: What Can Go Wrong?**

Moderators: James B. Hermiller Jr

Discussants: Khalil Fattouch, Sameer Gafoor, Adam B. Greenbaum, Roger J. Laham, Wilson Y. Szeto, Gilbert H.L. Tang

10:34 AM  
**The Panorama of Expected and Unexpected Complications of TMVR**  
Lecturers: Paul Sorajja

10:44 AM  
**Case Presentation: Paravalvular Leak With Hemolysis**  
Case Presenter: Roger J. Laham

10:52 AM  
**Case Presentation: Deterioration of LV Systolic Function Worsened Heart Failure Despite Successful TMVR**  
Case Presenter: Alfredo Trento

11:00 AM  
**Case Presentation: Left Ventricular Outflow Tract Obstruction**  
Case Presenter: Jaffar M Khan

11:08 AM  
**The LAMPOON Procedure: Description and Clinical Outcomes**  
Lecturers: Robert J. Lederman

11:15 AM  
**Roundtable Discussion With Audience QA**

11:27 AM - 12:15 PM  
**Session IV. TMVR Potpourri and Future Directions**

Moderators: Howard C. Herrmann, Vinod H. Thourani

Discussants: Andrea Colli, Paul D. Mahoney, Thomas Modine, Maurizio Taramasso, Hendrik Treede, Alfredo Trento

11:27 AM  
**Moving From Transapical to Transseptal Implantation: What Are the Technical and Anatomic Challenges and Will We Get There**  
Lecturers: Jason H. Rogers

11:34 AM  
**Addressing the Hurdles: Emerging Devices and Novel Valve Designs**  
Lecturers: Vinayak Bapat

11:42 AM  
**Approaches to Severe Mitral Annular Calcification: Transcatheter Repair or Replacement**  
Lecturers: Mayra Guerrero

11:52 AM  
**Update on Valve in Valve and Valve in Ring Outcomes**  
Lecturers: Danny Dvir

12:02 PM  
**Roundtable Discussion and Wrap Up**

DIDACTIC SESSION: VASCULAR ACCESS AND INTERVENTION: RADIAL ACCESS AND BEYOND
8:00 AM - 9:00 AM

Session I. Step by Step Fundamentals  Radial and Ulnar Approach
Moderators: Olivier F. Bertrand, Sunil V. Rao
Discussants: Pier Francesco Agostoni, Mirvat Alasnag, Binita Shah, Adhir Shroff, Jennifer A. Tremmel, Mladen I. Vidovich

8:00 AM  Radial Access Techniques Including LDTRA and Emerging Large Bore
Lecturers: Rajiv Gulati

8:12 AM  Distal Radial vs Transradial Access Success and Complications: The DATA Study
Lecturers: Sanjay Kumar Chugh

8:20 AM  Strategies to Traverse the Arm and Chest Vessels
Lecturers: Robert J. Applegate

8:28 AM  Radial Access and CHIP: Are They Compatible
Lecturers: Prashant Kaul

8:36 AM  Special Populations for Radial Access: Post mastectomy ESRD and Shock
Lecturers: Ian C. Gilchrist

8:44 AM  Ulnar Access: Why When and How
Lecturers: Sunil V. Rao

8:52 AM  Roundtable Discussion With Audience QA

9:00 AM - 10:00 AM

Session II. Femoral and Alternative Access
Moderators: James M. McCabe, Toby Rogers
Discussants: Robert J. Applegate, David Daniels, Adam B. Greenbaum, Cindy L. Grines, Zachary Steinberg, Jennifer A. Tremmel

9:00 AM  Primer on Ultrasound Guided Arterial Access Radial Ulnar LDTRA Femoral and Pedal: A Primer
Lecturers: Kate E. Kearney

9:10 AM  Large Bore Femoral Access and Pre Closure
Lecturers: Curtiss T. Stinis

9:20 AM  Primer on Transcaval Access
Lecturers: Jaffar M Khan

9:30 AM  Primer on Percutaneous Axillary
Lecturers: Rajiv Tayal

9:40 AM  Addressing the Achilles Heel of Each Alternative Access Method
Lecturers: James M. McCabe

9:50 AM  Roundtable Discussion With Audience QA

10:00 AM - 11:00 AM

Session III. Bleeding and Closure
Moderators: Kimberly A. Skelding, Robert W. Yeh
Discussants: Mirvat Alasnag, Rodrigo Bagur, Perwaiz M. Meraj, Christopher Pyne, Sunil V. Rao, Jeffrey M. Schussler

10:00 AM  Radial Hemostasis and Preserving Radial Patency
Lecturers: Samir B. Pancholy

10:10 AM  Current Generation Closure Devices How Do They Work Are There Any Data to Compare Them

10:20 AM  Closure Devices vs Manual Pressure for Standard Sheaths Radial and Femoral What Are the Data
Lecturers: Robert W. Yeh

10:30 AM  Update on Next Generation Closure Devices
Lecturers: Christopher U. Meduri

10:40 AM  Do Femoral Skills Suffer at High Volume Radial Centers
Lecturers: Pinak B. Shah

10:50 AM  Roundtable Discussion With Audience QA

11:00 AM - 12:00 PM

Session IV. Access Site Complications: Tips and Tricks
Moderators: Fernanda Nunez, Binita Shah
Discussants: Usman Baber, Yuji Ikari, Duane S. Pinto, Sheila Sahni, Yader Sandoval, Arnold Seto
11:00 AM Femoral Access Nightmares: Dealing With Complications  
Lecturers: Itsik Itsik Ben-dor

11:10 AM I Have Large Bore Femoral Access But the Patient Has No Distal Perfusion  
Lecturers: Amir Kaki

11:20 AM Dealing With Radial and Ulnar Access Site Complications  
Lecturers: Mauricio G. Cohen

11:30 AM My Closure Device Didnt Work What Now  
Lecturers: Khaldoon Alaswad

11:40 AM Can I Put a Covered Stent Across This Joint Space or Do I Need to Call a Surgeon  
Lecturers: Ehrin J. Armstrong

11:50 AM Roundtable Discussion With Audience QA

DIDACTIC SESSION: INTERVENTIONAL THERAPIES FOR ARTERIAL HYPERTENSION - RENAL DENERVATION AND BEYOND

MONDAY, SEPTEMBER 24, 2018  
2:00 PM - 6:15 PM  
Room 6D, Upper Level

2:00 PM - 2:50 PM  
Session I. Hypertension 2018 Update  
Moderators: Vasilios Papademetriou, Paul A. Sobotka  
Discussants: Chee Tang Chin, Gerardo Payro, C. Venkata S. Ram, Kintur Sanghvi, Stephen C. Textor, Mitchell Weinberg

2:00 PM Hypertension 2018 Update: From Ambulatory Monitoring to Definitional Controversies and More  
Lecturers: Michael A. Weber

2:10 PM 2018 European Guidelines and Perspectives on Hypertension  
Lecturers: Adam Witkowski

2:17 PM Have the New US Hypertension Guidelines and Treatment Targets Meaningfully Changed Care Pathways and Practice  
Lecturers: Paul A. Sobotka

2:24 PM Uncontrolled Hypertension or Non Compliant Patient Assessment Scope of the Problem and Implications  
Lecturers: C. Venkata S. Ram

2:31 PM Clinically Effective Strategies for Blood Pressure Control in 2018  
Lecturers: Atul Pathak

2:38 PM Roundtable Discussion With Audience QA

2:50 PM - 3:30 PM  
Session II. Management of Hypertension: Treatment Options  
Moderators: Mark C. Bates, Bernard J. Gersh  
Discussants: Herbert D. Aronow, Justin E. Davies, Franz X. Kleber, Melvin D. Lobo, Farrell O. Mendelsohn

2:50 PM Potential Interventions for Hypertensive Patients With HFrEF  
Lecturers: Franz X. Kleber

3:30 PM - 5:20 PM  
Session III. Renal Denervation in 2018: What Have We Learned?  
Moderators: Thomas F. Luscher, Felix Mahfoud  
Lecturers: Wojtek Wojakowski  
Discussants: Atul Pathak, Ivo Petrov, Krishna J. Rocho-Singh, Robert L. Wilensky, Adam Witkowski

3:30 PM Results and Update From the SPYRAL Hypertension Program OFF MED and ON MED Trials  
Lecturers: David E. Kandzari

3:41 PM Results and Update From the Paradise Hypertension Program OFF MED and ON MED Studies  
Lecturers: Ajay J. Kirtane

3:52 PM Results and Update From the Vessix RE INFORCE Program  
Lecturers: Martin B. Leon

4:03 PM Alcohol Mediated Renal Denervation - Current Status and US Pivotal Trial Plans  
Lecturers: Felix Mahfoud

4:10 PM Clinical Trials All Look Positive: Is Renal Denervation Ready for Clinical Practice Now  
Lecturers: Chandan Devireddy

4:17 PM Roundtable Discussion With Audience QA

4:30 PM Trials in Renal Denervation: How Much Blood Pressure Reduction is Enough  
Lecturers: Thomas F. Luscher
4:37 PM  Who are the Ideal Candidates for Renal Denervation  
Lecturers: Andrew Sharp

4:44 PM  Predicting Responders vs Non Responders  How to Solve the Unmet Need  
Lecturers: Justin E. Davies

4:51 PM  Sensing Renal Nerve Activity Before During and After Denervation: Autonomix  
Lecturers: Robert S. Schwartz

4:58 PM  Sensing Renal Nerve Activity Before During and After Denervation: SyMap  
Lecturers: Jie Wang

5:05 PM  Roundtable Discussion With Audience QA

5:20 PM - 6:15 PM  
Session IV. Device-Based Hypertension Therapies Beyond Renal Denervation  
Moderators: Mark C. Bates, Farrell O. Mendelsohn  
Discussants: Steven L. Almany, Stefan C. Bertog, Daniel Burkhoff, Joost Daemen, Piotr Jankowski, Christian Ukena

5:20 PM  Targets for Device Based Hypertension Treatments Beyond the Kidneys: Physiology Revisited  
Lecturers: Farrell O. Mendelsohn

5:28 PM  Carotid Body Endovascular Baroreflex Amplification Vascular Dynamics MobiusHD: Current Status  
Lecturers: Gregg W. Stone

5:36 PM  Transcatheter Carotid Body Denervation Cibiem: Extended Follow Up and Future Directions  
Lecturers: Felix Mahfoud

5:44 PM  AV Fistula Creation ROX Coupler: Efficacy and Safety Results  
Lecturers: Krishna J. Rocha-Singh

5:52 PM  Pacemaker Mediated Hypertension Treatment BackBeat: First in Man Results and Ongoing Plans  
Lecturers: Daniel Burkhoff

6:00 PM  Roundtable Discussion With Audience QA

DIDACTIC SESSION: LEFT ATRIAL APPENDAGE CLOSURE IN NONVALVULAR ATRIAL FIBRILLATION

MONDAY, SEPTEMBER 24, 2018  
2:00 PM - 6:00 PM  
Room 2, Upper Level

2:00 PM - 3:20 PM  
Session 1: Decisions and Practical Considerations  
Moderators: James B. Hermiller Jr, David Hildick-Smith  
Discussants: Stefan C. Bertog, Patrick A. Calvert, Ted Feldman, Sameer Gafoor, Petr Neuzil

2:00 PM  Stroke Etiology LAA Closure and the Therapeutic Landscape: A Neurologists Perspective  
Lecturers: David E. Thaler

2:10 PM  Debate: Is LAA Closure a Valid Alternative for Patients With No or Mild Contraindications to Anticoagulants No NOACs Are Strongly Preferred to LAA Closure  
Lecturers: Freerk W.A. Verheugt

2:18 PM  Debate: Is LAA Closure a Valid Alternative for Patients with No or Mild Contraindications to AnticoagulantsYes LAA Closure Reduces Hemorrhagic Stroke and Mortality And Nearly Everyone Has a Reason Not to Take Oral Anticoagulants  
Lecturers: David R. Holmes Jr.

2:26 PM  Shared Decision making in NVAF: The Patients Perspective  
Lecturers: Megan Coylewright

2:34 PM  Roundtable Discussion With Audience QA

2:44 PM  Essential of Pre procedural Imaging and Intra procedural Guidance  
Lecturers: Jacqueline Saw

2:54 PM  Adjunctive Pharmacology Following LAA Closure in Anticoagulant Indicated and Contraindicated Patients  
Lecturers: Martin W. Bergmann

3:02 PM  Managing a Busy LAA Closure Program: Patient Selection Education Consent Screening and Periprocedural Care  
Lecturers: George S. Hanzel

3:10 PM  Roundtable Discussion With Audience QA

3:20 PM - 4:36 PM  
Session 2: Ongoing Investigations in LAA Closure  
Moderators: Vivek Y. Reddy, Brian K. Whisenant
3:20 PM The LAOO Registry: Overview Data Adjudication and Emerging Insights
Lecturers: Paul D. Varosy

3:30 PM Real World Watchman Experience: Safety and Outcomes From The LAOO Registry
Lecturers: Zoltan G. Turi

3:40 PM FDA Perspectives on New Devices and Indications for LAA Closure
Lecturers: Andrew Farb

3:50 PM The Watchman Platform ASAP Too and Flex: Rationale Device and Overview of the Trials
Lecturers: Vivek Y. Reddy

4:00 PM The Amulet Platform Experience and US Pivotal Trial
Lecturers: Apostolos Tzikas

4:10 PM The WaveCrest Device and US Pivotal Trial
Lecturers: Gregg W. Stone

4:18 PM The Watch TAVR Trial: Rationale Design and Status
Lecturers: Samir R. Kapadia

4:26 PM Roundtable Discussion With Audience QA

4:36 PM - 6:00 PM
Session 3: Established and Emerging Devices
Moderators: Saibal Kar, Horst Sievert
Discussants: Philippe Garot, Jan Kovac, Ashish Pershad, Ramon Quesada, Peter B. Sick, Brian K. Whisenant

4:36 PM Optimal Technique and Tips for Watchman Implantation
Lecturers: Saibal Kar

4:46 PM Optimal Technique and Tips for Amulet Implantation
Lecturers: Horst Sievert

4:56 PM Cardia: Differentiating Features Technique and Outcomes
Lecturers: Josep Rodès-Cabau

5:06 PM SeaLA: Differentiating Features Technique and Outcomes
Lecturers: Kolja Sievert

5:16 PM Epicardial LAA closure: From Surgical Results to Transpericardial Applications
Lecturers: Krzysztof Bartus

5:26 PM The Big Picture: Choosing the Right Device for the Right Anatomy
Lecturers: Horst Sievert

5:36 PM LAA Closure: Challenging Case Vignettes
Case Presenter: Reda Ibrahim

5:46 PM Roundtable Discussion with Audience QA

DIDACTIC SESSION: STEMI, CARDIAC ARREST, AND CARDIOGENIC SHOCK

MONDAY, SEPTEMBER 24, 2018
2:00 PM - 6:05 PM
Room 1, Upper Level

2:00 PM - 2:54 PM
Session I. Coronary Flow: No Reflow and Infarct Size In STEMI
Moderators: Stefan K. James, Morton J. Kern
Discussants: Sorin J. Brener, Rajiv Gulati, Neal S. Kleiman, Dharam J. Kumbhani, Graham Nichol, Divaka Perera

2:00 PM Device Versus Drug Based Approaches to Limit No Reflow In STEMI
Lecturers: Mauricio G. Cohen

2:07 PM The Role of FFR IFR IMR and WIA In Evaluating Culprit Lesion and Vessel Flow In STEMI
Lecturers: Kolpa De Silva

2:14 PM Recognition Diagnosis and Management of Spontaneous Coronary Artery Dissection
Lecturers: Jacqueline Saw

2:21 PM Case Presentation 1: No Reflow After Primary PCI
Case Presenter: Nima Aghili

2:28 PM Devices to Reduce Infarct Size in STEMI
Lecturers: Gregg W. Stone

2:35 PM Mechanisms and Treatment Options for MINOCA
Session II. Multivessel PCI in STEMI

Moderators: Anthony H. Gershlick, Pieter C. Smits

2:54 PM - 3:46 PM
Rationale and Data for Multivessel PCI in STEMI
Lecturers: Stefan K. James

Management of Non Culprit CTO in STEMI
Lecturers: Emmanouil S. Brilakis

The Role of FFR iFR and iMR in Assessing Non Culprit Lesions and Vessels in STEMI
Lecturers: Joo Myung Lee

Flash Debate 1: Based on What We Know Routine Multivessel Revascularization Acute or Delayed Is the Preferred Strategy
Lecturers: Thomas Engstroem

Flash Debate 1: Based on What We Dont Know Culprit Lesion Only PCI With a Conservative Approach Is the Preferred Strategy
Lecturers: Deepak L. Bhatt

Case Presentation 2: A High Risk Complex Patient With STEMI and Multivessel Disease
Lecturers: Marwan F. Jumean

Roundtable Discussion with Audience QA

3:46 PM - 5:19 PM
Session III. Cardiogenic Shock

Moderators: Vladimir Dzavik, Richard Smalling
Discussants: Ramesh K. Adiraju, Nicola Corvaja, Alice K. Jacobs, Sanjog Kalra, John A. McPherson, Barry D. Rutherford

3:46 PM
Lecturers: Navin K. Kapur

3:54 PM
Hemodynamic Support: Which Device for Which Patient and Why
Lecturers: Daniel Burkhoff

4:02 PM
Using Hemodynamics to Guide Decision Making in Cardiogenic Shock
Lecturers: Salvatore F Mannino

4:10 PM
Door to Support: The New Metric for Success With Cardiogenic Shock
Lecturers: William W. O’Neill

4:18 PM
Hub and Spoke Strategies for Cardiogenic Shock: What are the Essential Elements
Lecturers: Holger Thiele

4:26 PM
Flash Debate 2: VA ECMO Is the Optimal Support Platform for Cardiogenic Shock
Lecturers: Michael Mooney

4:33 PM
Lecturers: Perwaiz M. Meraj

4:40 PM
Case Presentation 3: STEMI With Cardiogenic Shock and No Simple Options for MCS
Case Presenter: Biswajit Kar

4:40 PM
Post Cath Lab Management of Shock: Whats the Role of the Interventionalist
Lecturers: Michael J. Lim

4:56 PM
Essential Elements for a Contemporary Shock Trial
Lecturers: James E. Udelson

5:04 PM
Roundtable Discussion with Audience QA

5:19 PM - 6:05 PM
Session IV. Cardiac Arrest

Moderators: Greg Couper, Navin K. Kapur
Discussants: David A Baran, Jason Neil Katz, Michel R. Le May, Robert T. Pyo, Ivan C. Rokos, Christian M. Spaulding

5:19 PM
To Cath or Not to Cath in OHCA: Data and Decision Making Criteria
Lecturers: Christian M. Spaulding

5:26 PM
Hemodynamic Support and Hypothermia Strategies for Cardiac Arrest
Lecturers: Michael Mooney

5:34 PM
Flash Debate 3: VA ECMO Is Best Implemented by the Interventionalist
Lecturers: Sandeep Nathan

5:40 PM
Flash Debate 3: VA ECMO Is Best Implemented by the Cardiac Surgeon
Lecturers: Hiroo Takayama
DIDACTIC SESSION: THE CTO SUMMIT, PART 2: COMPLICATIONS

MONDAY, SEPTEMBER 24, 2018
2:00 PM - 6:00 PM
Room 5, Upper Level

2:00 PM - 2:30 PM
Session I. How to Handle Disaster
Moderators: Jonathan M. Hill, William L. Lombardi
Discussants: Leszek Bryniarski, M. Nicholas Burke, Lei Ge, Paul Hsien-Li Koo, William Nicholson

- 2:00 PM Complication Lessons From the PROGRESS CTO Registry
  Lecturers: Iosif Xenogiannis
- 2:10 PM Roundtable Discussion With Audience QA
- 2:15 PM Complication Lessons From OPEN CTO
  Lecturers: Adam C. Salisbury
- 2:25 PM Roundtable Discussion With Audience QA

2:30 PM - 4:00 PM
Session II. Complication Management
Moderators: Jaikirshan Khatri, Georgios Sianos
Discussants: Wissam Jaber, Vincent On-Hing Kwok, Sudhir Rathore, Satoru Sumitsuji, Ling Tao, Minh N. Vo

- 2:30 PM Managing Perforations I: Antegrade Wire or Device Exit How to Recognize and Options for Management
  Lecturers: Khaldoon Alaswad
- 2:40 PM Roundtable Discussion With Audience QA
- 2:45 PM Managing Perforations II: Perforation of the Target Vessel How to Avoid and Manage
  Lecturers: Farouc A Jaffer
- 2:55 PM Roundtable Discussion With Audience QA
- 3:00 PM Managing Perforations III: Retrograde Collateral Ruptures How to Avoid and Manage
  Lecturers: Sanjog Kalra
- 3:10 PM Roundtable Discussion With Audience QA
- 3:15 PM Managing Perforations IV: Septal and Free Wall Adventures How to Recognize Avoid and Manage
  Lecturers: Scott Harding
- 3:25 PM Roundtable Discussion With Audience QA
- 3:30 PM Managing Perforations V: The Post CABG Patient
  Lecturers: Robert F. Riley
- 3:40 PM Roundtable Discussion With Audience QA
- 3:45 PM Donor Vessel Dissection andor Thrombosis: How to Recognize Avoid and Manage
  Lecturers: Darshan Doshi
- 3:55 PM Roundtable Discussion With Audience QA

4:00 PM - 5:00 PM
Session III. Case-Based Complication Management: Learning From Others
Moderators: Etsuo Tsuchikane, Yuejin Yang
Discussants: Kevin J. Croce, Javier Goicoeia, Paul Knaapen, Margaret B. McEntegart, Lampros K. Michalis, Gennaro Sardella

- 4:00 PM My Worst 2 Complications and What I Learned
  Case Presenter: Kate E. Kearney
- 4:15 PM Roundtable Discussion With Audience QA
- 4:20 PM My Worst 2 Complications and What I Learned
  Case Presenter: Andrea Gagnor
- 4:35 PM Roundtable Discussion With Audience QA
4:40 PM  My Worst 2 Complications and What I Learned
4:55 PM  Roundtable Discussion With Audience QA

5:00 PM - 6:00 PM
Session IV. More Case-Based Complications
Moderators: M. Nicholas Burke, Paul Hsien-Li Kao
Discussants: Kefei Dou, Ahmed Elghamaz, Scott Harding, Masato Nakamura, Alexander Grigorievich Osiev, Bin Zhang

5:00 PM  My Worst 2 Complication That Were Preventable
Case Presenter: R. Michael Wyman
5:15 PM  Roundtable Discussion With Audience QA
5:20 PM  My Worst 2 Complications that I Saved
Case Presenter: Tony J. DeMartini
5:35 PM  Roundtable Discussion With Audience QA
5:40 PM  My Worst 2 Complications That The Patient Couldnt Recover From
Case Presenter: Steven P. Marso
5:55 PM  Roundtable Discussion With Audience QA

TCT ENDOVASCULAR: EXPERT CASE REVIEWS - COMPLICATIONS OF ENDOVASCULAR INTERVENTIONS

MONDAY, SEPTEMBER 24, 2018
12:15 PM - 1:45 PM
Room 31B-C, Upper Level

12:15 PM - 1:45 PM
Complications of Endovascular Interventions
Moderators: Sahil A. Panik, Virendra I Patel
Discussants: Herbert D. Aronow, J. Michael Bacharach, Robert M. Bersin, Jeffrey G. Carr, Ethan C Korngold, D. Christopher Metzger

12:15 PM  Case 1: Aorto Iliac Perforation
Case Presenter: Ehrin J. Armstrong
12:25 PM  Case 2: Look Out Below: Embolic Showers
Case Presenter: D. Christopher Metzger
12:35 PM  Case 3: Acute Occlusion and Dissection
Case Presenter: Nelson Bernardo
12:45 PM  Case 4: Worst Endoleak Ever
Case Presenter: Virendra I Patel
12:55 PM  Case 5: Carotid Stent Thrombosis
Case Presenter: Aman B. Patel
1:05 PM  Case 6: IVC Filter Embolization
Case Presenter: J. Stephen Jenkins
1:15 PM  Case 7: TEVAR Too Far
Case Presenter: Somjot S. Brar
1:25 PM  Case 8: The Worst Access Disaster
Case Presenter: J. Michael Bacharach
1:35 PM  Case 9: CLI Turns Into ALI
Case Presenter: Carlos I. Mena-Hurtado

TCT ENDOVASCULAR: EXPERT CASE REVIEWS - DEEP AND SUPERFICIAL VENOUS INTERVENTIONS

MONDAY, SEPTEMBER 24, 2018
12:15 PM - 1:45 PM
Room 30D-E, Upper Level

12:15 PM - 12:55 PM
Session I: Management of Deep Venous Disease
Moderators: Brian G. DeRubertis, Mahmood K. Razavi
Discussants: Teresa L. Carman, Anthony J. Comerota, Antonios P. Gasparis, Raghu Kolluri, Robert A. Lookstein, Brooke Spencer

12:15 PM  Chronic IVC Filter Occlusion: Aggressive Retrieval Techniques vs Recanalization With Case Reviews
12:25 PM  How I Treat Femoral Vein Occlusions With Case Reviews
   Lecturers: Brooke Spencer

12:35 PM  Central Venous Stents: When Which Ones And How With Case Reviews
   Lecturers: Mahmood K. Razavi

12:45 PM  Choice and Duration of Antiplatelet and Anticoagulation Therapy After Venous Interventions With Case Reviews
   Lecturers: Anthony J. Comerota

12:55 PM - 1:45 PM  
**Session II: Superficial Venous Disease, Venous Ablation, Pelvic Venous Disorders**
Moderators: Raghu Kolluri, Sanjiv Lakhanpal
Discussants: Teresa L. Carman, Anthony J. Comerota, Nick Morrison, Sanjum S Sethi

12:55 PM  Endothermal Venous Ablation: Step By Step Approach and Avoiding Pitfalls With Case Reviews
   Lecturers: Sanjiv Lakhanpal

1:05 PM  Non Thermal Ablation of Superficial Axial Veins With Case Reviews
   Lecturers: Raghu Kolluri

1:15 PM  Management of Pelvic Congestion Syndrome With Case Reviews
   Lecturers: Brian G. DeRubertis

1:25 PM  Duplex Evaluation of Venous Reflux: Simple to Complex Case Examples
   Lecturers: Teresa L. Carman

1:35 PM  Venous Ulcer Management After Venous Ablation With Case Reviews
   Lecturers: Raghu Kolluri

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**TCT ENDOVASCULAR: PE/VTE THERAPIES**

**MONDAY, SEPTEMBER 24, 2018**
2:00 PM - 4:00 PM
Room 30D-E, Upper Level

2:00 PM  
**Session I. Acute Pulmonary Embolism**
Moderators: Robert A. Lookstein, Victor F. Tapson

2:00 PM  Acute Pulmonary Embolism: How Big Is the Problem and How to Start a PERT
   Lecturers: Teresa L. Carman

2:10 PM  Data for Lytic Therapy in Massive and Submassive Pulmonary Embolism
   Lecturers: Akhilesh K. Sista

2:20 PM  Emerging Catheter Based Techniques to Treat Acute Pulmonary Embolism
   Lecturers: Robert A. Lookstein

2:30 PM  When to Employ Advanced Therapies in PE
   Lecturers: Jay S. Giri

2:40 PM  Special Topic: What Is the Role of Balloon Pulmonary Angioplasty for Treatment of CTEPH
   Lecturers: Ehtisham Mahmud

2:50 PM  Roundtable Discussion With Audience QA

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3:00 PM  
**Session II. Inferior Vena Cava Filters**
Moderators: Jay S. Giri, Akhilesh K. Sista
Discussants: Riyaz Bashir, Teresa L. Carman, John Moriarty, Anne Roberts

3:00 PM  Who Should Get an IVC Filter Review of the Guidelines
   Lecturers: Akhilesh K. Sista

3:10 PM  Overview of Current and Future IVC Filter Devices
   Lecturers: Rahul S. Patel

3:20 PM  Complications of IVC Filters: Spectrum Frequency Treatment and Avoidance Strategies

3:30 PM  Tips and Tricks for Tough IVC Filter Retrievals
   Lecturers: John Moriarty

3:40 PM  Special Topic: What is Happening Nationally and What is the Future of IVC Filters
   Lecturers: Robert A. Lookstein
HOT TOPIC LUNCH: FROM VALVES TO LIMBS...A PARADIGM FOR PARITY (SPONSORED BY THE ASSOCIATION OF BLACK CARDIOLOGISTS)

MONDAY, SEPTEMBER 24, 2018
12:15 PM - 1:45 PM
Room 238-C, Upper Level

12:15 PM - 1:45 PM
From Valves to Limbs...A Paradigm for Parity
Moderators: Wayne B. Batchelor, Aaron Horn, Jr.
Discussants: Seun Alli, Foluso Fakorede, Uzoma Ibebuogu, Lee Kirksey, Roxana Mehran

12:15 PM Welcome and Opening Remarks
Lecturers: Wayne B. Batchelor

12:20 PM Diversity in the Interventional Workplace: Current Challenges and Opportunities
Lecturers: Roxana Mehran

12:30 PM TAVR: Where Are We Headed
Lecturers: Seun Alli

12:40 PM Should We Expand TAVR to Non Traditional Centers
Lecturers: Uzoma Ibebuogu

12:50 PM PAD: Overview of Current Management Strategies Can We Do Better
Lecturers: Foluso Fakorede

1:00 PM Should There Be Regionalization of CLI management
Lecturers: Lee Kirksey

1:10 PM Clinical Research 101: How to Build a Successful Research Program in Private Practice
Lecturers: Wayne B. Batchelor

1:20 PM Roundtable Discussion with Audience QA

1:30 PM Closing Remarks and Take Home Messages
Lecturers: Wayne B. Batchelor

HOT TOPIC LUNCH: RADIATION MANAGEMENT IN THE INTERVENTIONAL ENVIRONMENT

MONDAY, SEPTEMBER 24, 2018
12:15 PM - 1:45 PM
Room 24A-B, Upper Level

12:15 PM - 1:45 PM
Radiation Management in the Interventional Environment
Moderators: Stephen Balter, Sanjog Kalra
Discussants: Patricia Abrams, Edwin M. Leidholdt, Jr., Ryan D. Madder

12:15 PM Introduction: Radiation Safe for You and Your Patients
Lecturers: Stephen Balter

12:25 PM Staff Risk Management: Physician Concerns
Lecturers: Sanjog Kalra

12:35 PM Staff Risk Management: Physicist Responses
Lecturers: Edwin M. Leidholdt, Jr.

1:20 PM Roundtable Discussion with Audience QA

12:55 PM Patient Radiation Management: Physician Concerns
Lecturers: Sanjog Kalra

1:05 PM Patient Radiation Management: Physicist Responses
Lecturers: Stephen Balter

1:15 PM Radiation Management: Lessons Learned
Lecturers: Edwin M. Leidholdt, Jr.

1:25 PM The Future: Robotic PCI Suspended Lead Suits and Other Approaches to Reduce Radiation Exposure in The Cath Lab
Lecturers: Ryan D. Madder

1:35 PM Roundtable Discussion with Audience QA
**COMPLEX INTERVENTIONS: EXPERT CASE REVIEWS - DIAGNOSIS AND MANAGEMENT OF HEAVILY CALCIFIED LESIONS**

**MONDAY, SEPTEMBER 24, 2018**

**12:15 PM - 2:00 PM**

TBD

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**12:15 PM - 2:00 PM**

**Diagnosis and Management of Heavily Calcified Lesions**  
**Moderators:** Philippe Genereux, Ajay J. Kirtane  
**Discussants:** Al aides Chieffo, Carlo Di Mario, Karel T. Koch, Richard A. Schatz, Sigmund Silber, Giora Weisz

12:15 PM  
**Introduction: What Do We Hope to Learn From these Cases**  
Lecturers: Ajay J. Kirtane

12:19 PM  
**Case 1: A Case of that Typifies Roto regret**  
Case Presenter: Fazila T. Malik

12:27 PM  
**Case 2: A Case Demonstrating the Calcified Lesion for Which a Cutting or Scoring Balloon is Sufficient**  
Case Presenter: Sheila Sahni

12:35 PM  
**Case 3: Two Quick Cases in Which Intravascular Imaging 1 Led me to Choose Atherectomy and 2 Directed me Away From Atherectomy**  
Case Presenter: John McB. Hodgson

12:43 PM  
**Case 4: A Step by step Case of OCT guided Atherectomy**  
Case Presenter: Richard Shlofmitz

12:51 PM  
**Case 5: A Case of Atherectomy in Severely Tortuous Anatomy**  
Case Presenter: Ramon Quesada

12:59 PM  
**Case 6: Atherectomy in a Complex Calcified Left Main Trifurcation**  
Case Presenter: Afzolur Rahman

1:07 PM  
**Case 7: A Surprising Case of Intravascular Lithotripsy**  
Case Presenter: Jonathan M. Hill

1:15 PM  
**Case 8: A Case of a Stuck Burr With a Novel Solution**  
Case Presenter: Gert Richardt

1:23 PM  
**Case 9: A Case of a Massive Rotablator Perforation**  
Case Presenter: Evan Shlofmitz

1:31 PM  
**Case 10: A Case of Orbital Atherectomy for a Diffusely Disease Vessel**  
Case Presenter: Jeff Chambers

1:39 PM  
**Case 11: A Perforation from Orbital Atherectomy**  
Case Presenter: Michael S. Lee

1:47 PM  
**Case 12: A Case of In Stent Restenosis Due to a Markedly Under expanded Stent in a Severely Calcified Lesion**  
Case Presenter: Azeem Latib

1:55 PM  
**Take home Message: What Did We Learn From these Cases**

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**COMPLEX INTERVENTIONS: EXPERT CASE REVIEWS - HYPERTROPHIC CARDIOMYOPATHY AND SEPTAL ABLATION**

**MONDAY, SEPTEMBER 24, 2018**

**12:15 PM - 1:45 PM**

Room 33B-C, Upper Level

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**12:15 PM - 1:45 PM**

**Hypertrophic Cardiomyopathy and Septal Ablation**  
**Moderators:** Sherif F. Nagueh, Hubert Seggewiss  
**Discussants:** John S. Douglas Jr, Valerian Fernandes, Vijay Iyer, Srihari S. Naidu, Nish Patel, Alexandre C. Zago

12:15 PM  
**Introduction: What Do We Hope to Learn From these Cases**  
Lecturers: Hubert Seggewiss

12:20 PM  
**Case 1: Severe LVOT Obstruction in a Symptomatic 20 Year Old Male Despite Maximized Medical Treatment**  
Case Presenter: Carey D. Kimmelstiel

12:30 PM  
**Case 2: Septal Artery Rupture With Septal Infarction and Relief of LVOT Obstruction**  
Case Presenter: Francesco Pelliccia

12:40 PM  
**Case 3: Third Degree AV Block After Ablation Requiring Upgrade from VVI to Dual Chamber Pacing**  
Case Presenter: Michael A. Fifer

12:50 PM  
**Case 4: Severe Dyspnea in a Patient With Obstructive HCM and a Proximal LAD Stent**  
Case Presenter: Jorge Gaspar
Case 5: Severe Dyspnea in a Patient With HCM and Mid Cavitary Obstruction
Case Presenter: Alexander Grigorievich Osiev

Case 6: A Case Demonstrating Contrast Opacification of Non Target Septal Segments During Alcohol Septal Ablation
Case Presenter: Kolja Sievert

Case 7: Septal Branch Collateralization Noted During the Course of Alcohol Septal Ablation
Case Presenter: Antoine Lafont

Case 8: Severe Obstructive HCM in a Symptomatic Patient Despite Maximized Medical Therapy and Septal Thickness of 13 mm
Case Presenter: Rabin dra Nath Chakraborty

Take Home Messages: What Did You Learn From these Cases
Lecturers: Sherif F. Nagueh

**COMPLEX INTERVENTIONS: EXPERT CASE REVIEWS - INTRAVASCULAR IMAGING**

**IVUS, OCT AND NIRS**

**MONDAY, SEPTEMBER 24, 2018**
**12:15 PM - 1:51 PM**
Room 28A-B, Upper Level

**Intravascular Imaging  IVUS, OCT and NIRS**
Moderators: David Erlinge, Gary S. Mintz
Discussants: Marc D. Feldman, Jens Flensted Lassen, Margaret B. McEntegart, Yasunori Ueda, Carlo Zivelonghi, Robert-Jan van Geuns

12:15 PM Introduction: What Do We Hope to Learn From these Cases
Lecturers: Gary S. Mintz

12:18 PM Case 1: A Case in Which Pre and Post Interventional IVUS Changed the Number Length andor Diameters of Stents Used
Case Presenter: Massoud A. Leesar

12:26 PM Case 2: A Case in Which Pre and Post Interventional OCT Changed the Number Length andor Diameters of Stents Used
Case Presenter: Evelyn S. Regar

12:34 PM Case 3: A Case in Which Intravascular Imaging Changed My Pre stent Plaque Modification Strategy
Case Presenter: YunDai Chen

12:42 PM Case 4: A Case in Which NIRS IVUS was Useful to Guide Stenting
Case Presenter: James A. Goldstein

12:50 PM Case 5: A Case in Which I Used OCT to Reduce DAPT Duration
Case Presenter: Wojtek Wojakowski

12:58 PM Case 6: A Case in Which OCT Found the Hidden Culprit Lesion in ACS
Case Presenter: Rajesh M. Dave

1:06 PM Case 7: A Case of Intravascular Imaging to Diagnose and Guide Treatment of a Spontaneous Coronary Artery Dissection
Case Presenter: Fernando Alfonso

1:14 PM Case 8: I Case in Which 3D OCT Imaging Changed How I Treated a Bifurcation
Case Presenter: Takashi Akasaka

1:22 PM Case 9: A Case in Which Intravascular Imaging Demonstrated a Surprising Cause and Guided Treatment of Stent Thrombosis
Case Presenter: Ioannis Iakovou

1:30 PM Case 10: A Case in Which Intravascular Imaging Demonstrated a Surprising Cause and Guided Treatment of In stent Restenosis
Case Presenter: Hiram G. Bezerra

1:38 PM Case 11: A Case in Which Intravascular Imaging Demonstrated the Cause of Acute Vessel Closure
Case Presenter: Ashish Shah

1:46 PM Take home Message: What Did We Learn From these Cases

**COMPLEX INTERVENTIONS: EXPERT CASE REVIEWS - MITRAL VALVULOPLASTY**

**MONDAY, SEPTEMBER 24, 2018**
**12:15 PM - 1:45 PM**
Room 27, Upper Level

**Mitral Valvuloplasty**
Moderators: William W. O'Neill

12:15 PM Introduction: What Do We Hope to Learn From These Cases
Lecturers: Igor F. Palacios
12:20 PM  Case 1: Inoue vs Double Balloon Mitral Valvuloplasty in Optimal Patients  
Case Presenter: Rahul Sakhuja

12:30 PM  Case 2: Mitral Valvuloplasty With 3D and ICE Imaging  
Lecturers: Howard C. Herrmann

12:40 PM  Case 3: Inoue Technique Mitral Valvuloplasty Is Not Always Straight Forward  
Lecturers: Alexander Llanos

12:50 PM  Case 4: Mitral Valvuloplasty Complicated by Severe Mitral Regurgitation in a Patient With Rheumatic Mitral Stenosis  
Case Presenter: Christian F. Witzke

1:00 PM  Case 5: Mitral Valvuloplasty in a Patient With Severe Mitral Stenosis From Mitral Annular Calcification  
Case Presenter: Roberto J Cubeddu

1:10 PM  Case 6: Mitral Valve in Valve for a Patient With Severe Mitral Annular Calcification and Stenosis  
Case Presenter: William W. O'Neill

1:20 PM  Case 7: An Unusual Complication of Mitral Valvuloplasty in a Patient With Severe Calcific Mitral Stenosis  
Case Presenter: David R. Holmes Jr.

1:30 PM  Case 8: Mitral Valvuloplasty and TAVR in a Patient With Mitral and Aortic Stenosis  
Case Presenter: Eduardo De Marchena

1:40 PM  Take Home Messages: What Did We Learn From These Cases  
Lecturers: Igor F. Palacios

COMPLEX INTERVENTIONS: EXPERT CASE REVIEWS - PARAVALVULAR LEAK CLOSURE

MONDAY, SEPTEMBER 24, 2018  
12:15 PM - 1:45 PM  
Room 25A-B, Upper Level

12:15 PM - 1:45 PM  
Paravalvular Leak Closure  
Moderators: Anita Asgar, Chet Rihal  
Discussants: Khalid Amber, George S. Hanzel, Massimo Napodano, Manuel Pan, Torsten P. Vahl

12:15 PM  Introduction: What Do We Hope to Learn From these Cases  
Lecturers: Anita Asgar

12:20 PM  Case 1: A Case of Aortic Paravalvular Leak: Retrograde Closure Technique  
Case Presenter: Roger J. Laham

12:30 PM  Case 2: A Case of Paravalvular Leak Post TAVR  
Case Presenter: John K. Forrest

12:40 PM  Case 3: A Case of Mitral Paravalvular Leak: Antegrade Closure Requiring Multiple Devices  
Case Presenter: Mohamed Abdel-Wahab

12:50 PM  Case 4: A Case of Mitral Paravalvular Leak: Transapical Access Approach  
Case Presenter: Stephen R. Ramee

1:00 PM  Case 5: Technical Challenges and Advanced Techniques for Paravalvular Leak Closure: Difficult Aortic Paravalvular Leak Closure  
Case Presenter: Chet Rihal

1:10 PM  Case 6: Closing Right Sided Paravalvular Leaks: A Case of Tricuspid PVL Closure

1:20 PM  Case 7: Managing Complications 1: Plug Embolization and Retrieval  
Case Presenter: Wojtek Wojakowski

1:30 PM  Case 8: Managing complications 2: A Case of a Complicated Mitral Paravalvular Leak  
Case Presenter: Reda Ibrahim

1:40 PM  Take home Messages: What Did We Learn From these Cases  
Lecturers: Chet Rihal

COMPLEX INTERVENTIONS: EXPERT CASE REVIEWS - PFO CLOSURE CASE STUDIES

MONDAY, SEPTEMBER 24, 2018  
12:15 PM - 1:47 PM  
Room 32A-B, Upper Level

12:15 PM - 1:05 PM  
Session I: PFO Techniques and Strategies  
Moderators: Michael J. Mullen, Robert J. Sommer  
Discussants: Suzanne J. Baron, Asim Cheema, Hans R. Figulla, Sachin S. Goel, Steven L. Goldberg, Thomas A. Ischinger

12:15 PM  What We Hope to Learn From These Cases
Lecturers: Robert J. Sommer

12:17 PM  A Case That Favors Cardioform Device  
Case Presenter: Asim Cheema

12:25 PM  A Case That Favors the Amplatzer PFO Device  
Case Presenter: Megan Coylewright

12:33 PM  A PFO With a Significant Atrial Septal Aneurysm  
Case Presenter: Zachary Steinberg

12:41 PM  A PFO With a Lipomatous Atrial Septum  
Case Presenter: Thomas A. Ischinger

12:49 PM  A PFO With Eustachian Valve Attachments Near the Defect  
Case Presenter: Michael J. Mullen

12:57 PM  A PFO With LongWell Attached PFO Tunnel  
Case Presenter: Amar Krishnaswamy

1:05 PM - 1:47 PM  
Session II: PFO Clinical Conundrums  
Moderators: Zahid Amin, Robert J. Sommer  
Discussants: Peter C. Black, John P. Breinholt, Craig E Fleishman, Harsimran Sachdeva Singh, Paul Vermeersch

1:05 PM  A Patient With Migraine With Aura Mimicking TIA: Is PFO Closure Appropriate  
Case Presenter: Ashish Shah

1:13 PM  A Patient With a PFO and Cryptogenic Stroke Outside the Recommended Age Range: Is PFO Closure Appropriate  
Case Presenter: David E. Thaler

1:21 PM  A Patient With Atrial Fibrillation Cryptogenic Stroke and PFO: Watchman Despite OAC  
Case Presenter: Saibal Kar

1:29 PM  A Patient With DVT Pulmonary Embolus and PFO: Close on OAC  
Case Presenter: Harsimran Sachdeva Singh

1:37 PM  A Patient Requiring Surgery With a PFO and a High Risk of VTEParadoxical Embolization: Close for Primary Stroke Prevention  
Case Presenter: Zahid Amin

1:45 PM  Conclusions and Take home Messages  
Lecturers: Robert J. Sommer

COMPLEX INTERVENTIONS: EXPERT CASE REVIEWS - TRANSRADIAL ACCESS TECHNIQUE PEARLS AND COMPLICATIONS

MONDAY, SEPTEMBER 24, 2018  
12:15 PM - 1:45 PM  
Room 29A-B, Upper Level

12:15 PM - 1:45 PM  
Transradial Access Technique Pearls and Complications  
Moderators: Olivier F. Bertrand, Samir B. Pancholy  
Discussants: Richard A Anderson, Stephen P. Hoole, Sanjit S. Jolly, Yves R. Louvard, Marcello Sena, Kimberly A. Skelding

12:15 PM  Introduction: What Do We Hope to Learn From these Cases  
Lecturers: Samir B. Pancholy

12:19 PM  Case 1: A Heavily Calcified Radial Artery in CKD  
Case Presenter: Binita Shah

12:28 PM  Case 2: Complex Slender PCI: Small is Beautiful  
Case Presenter: Yuji Ikari

12:37 PM  Case 3: Recognition of an Aberrant Right Subclavian Artery Access and Navigation Options  
Case Presenter: Michael A. Kutch

12:46 PM  Case 4: Radial Artery Dissection and Perforation  
Case Presenter: Scott Harding

12:55 PM  Case 5: Ulnar Access when the Radial Artery is Occluded  
Case Presenter: Sasko Kedev

1:04 PM  Case 6: Right Heart Catheterization Using Radialist Skills  
Case Presenter: Mladen I. Vidovich

1:13 PM  Case 7: A Complex Radial Loop  
Case Presenter: S C Wong

1:22 PM  Case 8: Dual Radial Access and CTO  
Case Presenter: James Nolan

1:31 PM  Case 9: A Difficult Right Mammary Artery Cannulation From Radial Access  
Case Presenter: William M Suh
**SPECIAL SESSION: CAPABILITY BUILDING AND CONTINUING EDUCATIONAL COMMITTEE IN CARDIOLOGY (CBCEC) AT TCT: HOW TO TREAT LEFT MAIN AND CORONARY BIFURCATION LESIONS**

**MONDAY, SEPTEMBER 24, 2018**

7:00 AM - 8:00 AM  Room 26A-B, Upper Level

7:00 AM - 8:00 AM  **How to Treat Left Main and Coronary Bifurcation Lesions**

**Moderators:** Shao-Liang Chen, Yaling Han, Tanveer Rab, Imad Sheiban, Gregg W. Stone, Yi-Do Tang  
**Discussants:** James B. Hermiller Jr, Chunguang Qiu, Fei Ye  

- **7:00 AM**  
  Case 1: A Left Main Bifurcation Intervention in STEMI PPCI  
  *Case Presenter: Li Li*

- **7:04 AM**  
  How Would I Treat This Case  
  *Lecturers: Ning Guo*

- **7:08 AM**  
  How Would I Treat This Case  
  *Lecturers: Kai Xu*

- **7:12 AM**  
  How Would I Treat This Case  
  *Lecturers: Yan Li*

- **7:16 AM**  
  How Would I Treat This Case  
  *Lecturers: Yong Xia*

- **7:20 AM**  
  Roundtable Discussion With Audience QA

- **7:26 AM**  
  How Did I Treat This Case  
  *Case Presenter: Li Li*

- **7:30 AM**  
  Case 2: A Distal LM LADD1 Bifurcation PCI Case  
  *Case Presenter: Junjie Zhang*

- **7:34 AM**  
  How would I treat this case  
  *Lecturers: Zening Jin*

- **7:38 AM**  
  How would I treat this case  
  *Lecturers: Jingbo Hou*

- **7:42 AM**  
  How Would I Treat This Case  
  *Lecturers: Ning Tan*

- **7:46 AM**  
  How Would I Treat This Case  
  *Lecturers: Rong-Chong Huang*

- **7:50 AM**  
  Roundtable Discussion With Audience QA

- **7:56 AM**  
  How Did I Treat This Case  
  *Case Presenter: Junjie Zhang*

**SPECIAL SESSION: BEST PRACTICE OF CONTEMPORARY PCI IN CHINA**

**MONDAY, SEPTEMBER 24, 2018**

9:00 AM - 11:00 AM  Room 28A-B, Upper Level

9:00 AM - 11:00 AM  **Best Practice of Contemporary PCI in China**

- **9:00 AM**  
  **Introduction**  
  *Lecturers: Ben He*

- **9:05 AM**  
  **Best Practice of Contemporary PCI in China**  
  *Lecturers: Jianfang Luo*

**My Top Learning in CTO**

**Discussants:** Zening Jin, Xiantao Song

- **9:20 AM**  
  **My Top Learning in CTO**  
  *Case Presenter: Lei Ge*

- **9:30 AM**  
  **Discussion**
9:33 AM  My Top Learning in CTO
Case Presenter: Lei Song

9:43 AM  Discussion

9:46 AM  My Top Learning in CTO
Case Presenter: Yan Li

9:56 AM  Discussion

My Top Learning in Imaging
Discussants: Xuebo Liu, Ruqiong Nie

10:00 AM  My Top Learning in Imaging
Case Presenter: Jun Pu

10:10 AM  Discussion

10:13 AM  My Top Learning in Imaging
Case Presenter: Bingchen Liu

10:23 AM  Discussion

10:26 AM  My Top Learning in Imaging
Case Presenter: Guo Jun

10:36 AM  Discussion

10:40 AM  Update on Treatments and Techniques of Coronary Calcium
Lecturers: Fei Ye

My Top Learning in CTO
Discussants: Zening Jin, Xiantao Song

9:20 AM  My Top Learning in CTO
Case Presenter: Lei Ge

9:30 AM  Discussion

9:33 AM  My Top Learning in CTO
Case Presenter: Lei Song

9:43 AM  Discussion

9:46 AM  My Top Learning in CTO
Case Presenter: Yan Li

9:56 AM  Discussion

My Top Learning in Imaging
Discussants: Xuebo Liu, Ruqiong Nie

10:00 AM  My Top Learning in Imaging
Case Presenter: Jun Pu

10:10 AM  Discussion

10:13 AM  My Top Learning in Imaging
Case Presenter: Bingchen Liu

10:23 AM  Discussion

10:26 AM  My Top Learning in Imaging
Case Presenter: Guo Jun

10:36 AM  Discussion

10:55 AM  Closing
Lecturers: Ben He

SPECIAL SESSION: SCAI CATH LAB LEADERSHIP BOOTCAMP

MONDAY, SEPTEMBER 24, 2018
1:00 PM - 5:00 PM
Room 30A-C, Upper Level

1:00 PM - 2:00 PM
Bootcamp I: Essential Cath Lab Management Skills
Moderators: Prashant Kaul, Daniel M. Kolansky
Discussants: Robert J. Applegate, Douglas E. Drachman, Samir R. Kapadia, Duane S. Pinto, Arnold Seto, Bernadette S. Speiser

1:00 PM  Welcome and Introduction
Lecturers: Daniel M. Kolansky

1:05 PM  The Cath Lab Medical Director: Keys to Success
Lecturers: Duane S. Pinto

1:15 PM  The Cath Lab Manager: Keys to Success
Lecturers: Bernadette S. Speiser
1:25 PM   Establishing a Safety Culture in the Cath Lab
Lecturers: Arnold Seto
1:35 PM   Managing Cath Lab Conflicts: Scheduling Personalities  Cant We All Just Get Along
1:45 PM   Roundtable Discussion With Audience Q A

2:00 PM - 3:00 PM
**Bootcamp II: Cath Lab Economics - Move to Value-Based Payments**
Moderators: Peter L Duffy, Timothy D. Henry
Discussants: Samir R. Kapadia, Daniel M. Kolansky, John A. Spertus

2:00 PM   Cath Lab Economics: Where Do We Stand With MACRA and MIPS
Lecturers: Daniel M. Kolansky
2:10 PM   CMS Strategy and the Move to Value
Lecturers: John A. Spertus
2:20 PM   Value Based STEMI Care: Saving Money During MI Treatment
Lecturers: Timothy D. Henry
2:30 PM   Cath Lab Efficiency: Saving Time and Money While Reducing Stress
Lecturers: Samir R. Kapadia
2:40 PM   Roundtable Discussion With Audience QA

3:00 PM - 4:00 PM
**Bootcamp III: Achieving Quality Objectives in the Cath Lab**
Moderators: Sunil V. Rao

3:00 PM   The Top 10 Quality Metrics for Your Cath Lab
Lecturers: Michael A. Kutcher
3:10 PM   Using SCAI AUC and PCI Risk Apps to Optimize Care in Your Cath Lab
Lecturers: Manesh R. Patel
3:20 PM   Tracking Performance: Updates on NCDR Reporting
Lecturers: J. Dawn Abbott
3:30 PM   UPDATE on Public Reporting in the Cath Lab
Lecturers: Robert W. Yeh
3:40 PM   Roundtable Discussion With Audience QA

4:00 PM - 5:00 PM
**Bootcamp IV: Using Protocols and Pathways to Optimize Care Standardization**
Moderators: David A. Cox, Dmitriy N. Feldman

4:00 PM   STEMI Care: Your STEMI Protocol in 2018
Lecturers: Cindy L. Grines
4:10 PM   Radial Access: Reducing Bleeding and Improving Patient Satisfaction
Lecturers: Binita Shah
4:20 PM   Pathways for Same Day PCI Discharge
Lecturers: Mauricio G. Cohen
4:30 PM   Shock in the Cath Lab: Developing a Team Based Protocol
Lecturers: Emmanouil S. Brilakis
4:40 PM   Reducing Radiation Exposure in the Cath Lab
Lecturers: Jay Bagai
4:50 PM   Roundtable Discussion With Audience QA

FASCINATING LECTURES III: SOCIAL MEDIA, DIGITAL HEALTH, AND COMMUNICATION SKILLS

MONDAY, SEPTEMBER 24, 2018
2:00 PM - 4:00 PM
Ballroom 6A, Upper Level
2:00 PM - 3:45 PM

**Social Media, Digital Health, and Communication Skills**

Moderators: C. Michael Gibson, Mamas Mamas

Discussants: Mirvat Alasnag, M Chadi Alraies, Eliano Pio Navarese, Sheila Sahni, Chuck Simonton, William M Suh

- **2:00 PM** The Dos and Dons of Social Media in Practice
  - Lecturers: Poonam Velagapudi

- **2:10 PM** Fascinating QA

- **2:15 PM** The Interventional Cardiology Tweetorial: Use of Social Media as an Educational Tool for Teaching Interventional Techniques
  - Lecturers: Michael P Savage

- **2:25 PM** Fascinating QA

- **2:30 PM** Tweetbook Cardiovascular Interventions: A New Online Community for Sharing
  - Lecturers: David L Fischman

- **2:40 PM** Fascinating QA

- **2:45 PM** Social Media and PCI: From Stable Angina to CTOs
  - Lecturers: Asif Qasim

- **2:55 PM** Fascinating QA

- **3:00 PM** Rise of the Planet of the Apps: The World of Mobile Applications for Cardiovascular Education
  - Lecturers: Annapoorna Kini

- **3:10 PM** Fascinating QA

- **3:15 PM** Advances in Digital Health May Help Prevent Cardiovascular Diseases: E Prevention
  - Lecturers: Mohammad El Tahlawi

- **3:25 PM** Fascinating QA

- **3:30 PM** The Art of Presentation: A Fundamental Skill for Cardiologists in the Contemporary Era
  - Lecturers: Abdallah El Sabbagh

- **3:40 PM** Fascinating QA

**SPECIAL SESSION: DISCUSSIONS WITH THE LATE BREAKING TRIAL PRINCIPAL INVESTIGATORS III**

MONDAY, SEPTEMBER 24, 2018

4:00 PM - 5:00 PM

Ballroom 6A, Upper Level

4:00 PM - 5:00 PM

**Discussions With the Late Breaking Trial Principal Investigators III**

Moderators: David Erlinge, David P. Faxon

Discussants: John A. Bittl, Akiko Maehara, Michael Maeng, Yukiko Nakano, Michael P Savage, Peter H. Stone, Ron Waksman, Junjie Zhang

- **4:00 PM** ULTIMATE: Summary and Clinical Implications
  - Lecturers: Junjie Zhang

- **4:05 PM** Discussion

- **4:15 PM** LRP: Summary and Clinical Implications
  - Lecturers: Ron Waksman

- **4:20 PM** Discussion

- **4:30 PM** OAC ALONE: Summary and Clinical Implications
  - Lecturers: Yukiko Nakano

- **4:35 PM** Discussion

**PRESENTATION THEATER PROGRAM: CEREBRAL EMBOLIC PROTECTION WITH SENTINEL IN TAVR: SHIFTING THE PARADIGM TOWARD STANDARD OF CARE (SPONSORED BY BOSTON SCIENTIFIC CORPORATION)**

MONDAY, SEPTEMBER 24, 2018

11:30 AM - 12:30 PM

Presentation Theater 3, Exhibit Hall, Ground Level
11:30 AM - 12:30 PM
Cerebral Embolic Protection with Sentinel in TAVR: Shifting the Paradigm Toward Standard of Care
Chairs: Martin B. Leon, Raj Makkar
Faculty: Hemal Gada, Lars Søndergaard, Jochen Wöhrle

11:30 AM  
**Impact of CEP in Practice: Cath Lab Integration the Real World Outcomes**
Lecturers: Raj Makkar

11:40 AM  
**A Contemporary Review of the Data Supporting the Use of Sentinel in TAVR**
Lecturers: Jochen Wöhrle

11:50 AM  
**Stroke Economics the Role of Sentinel to Grow your TAVR Program**
Lecturers: Hemal Gada

12:00 PM  
**The Role of Cerebral Protection in the Age of Minimalist Approach to TAVR**
Lecturers: Lars Søndergaard

12:10 PM  
**Future Considerations: The Role of Shared Decision Making and Adoption of Cerebral Embolic Protection in Practice**
Lecturers: Martin B. Leon

12:20 PM  
**Panel Discussion**
Moderators: Martin B. Leon, Raj Makkar
Discussants: Hemal Gada, Lars Søndergaard

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**PRESENTATION THEATER PROGRAM: MY EXPERIENCE WITH BALLOON EXPANDABLE AND SELF-EXPANDING STENT GRAFTS IN TREATING AORTOILIAC OCCLUSIVE DISEASE (SPONSORED BY GORE & ASSOCIATES)**

**MONDAY, SEPTEMBER 24, 2018**  
11:30 AM - 12:30 PM  
Presentation Theater 4, Exhibit Hall, Ground Level

**PRESENTATION THEATER PROGRAM: SCAI TRANSITION FOR VALUE: A CASE- AND DEBATE-BASED DISCUSSION OF THE VALUE OF TRANSRADIAL CPCI (SPONSORED BY SOCIETY FOR CARDIOVASCULAR ANGIOGRAPHY AND INTERVENTIONS, SUPPORTED BY MEDTRONIC)**

**MONDAY, SEPTEMBER 24, 2018**  
11:30 AM - 12:30 PM  
Presentation Theater 1, Hall B2, Ground Level

11:30 AM - 12:30 PM
**SCAIs TRANSition for VALUE: A Case- and Debate-based Discussion of the Value of Transradial cPCI**
Chairs: Adhir Shroff
Faculty: J. Dawn Abbott, Rajiv Gulati, Arasi Maran, Arnold Seto, Alexander Truesdell

11:30 AM  
**SCAIs TRANSition for VALUE and How it Applies to Complex PCI cPCI**
Lecturers: Adhir Shroff

11:38 AM  
**Femoral to Radial 101: Focus on cPCI**
Lecturers: Rajiv Gulati

11:46 AM  
**SCAIs Length of Stay Expert Consensus Document: A Case based Application to TRA cPCI**
Lecturers: Arnold Seto

11:56 AM  
**Case Presentation: Complex TRA Left Main PCI Mini Debate**
Lecturers: J. Dawn Abbott

12:04 PM  
**Left Main PCI: Transfemoral Should be the Default Access Site**
Lecturers: Arasi Maran

12:12 PM  
**Left Main PCI: Transradial Should be the Default Access Site**
Lecturers: Alexander Truesdell

12:20 PM  
**Discussion and Key Takeaways**

12:30 PM  
**Adjourn**

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**PRESENTATION THEATER PROGRAM: TRANSCATHETER TRICUSPID VALVE INTERVENTIONS (SPONSORED BY CRF, SUPPORTED BY EDWARDS LIFESCIENCES)**

**MONDAY, SEPTEMBER 24, 2018**  
11:30 AM - 12:30 PM  
Presentation Theater 2, Hall B2, Ground Level
11:30 AM - 12:30 PM
Transcatheter Tricuspid Valve Interventions
Chairs: Michael J. Mack
Faculty: William A. Gray, JoAnn Lindenfeld, Chet Rihal, Maurice E. Sarano, Robert L. Smith

11:30 AM  Tricuspid Valve Disease in 2018: What Are the Challenges
Lecturers: Maurice E. Sarano

11:37 AM  Transcatheter Annular Reduction for FTR
Lecturers: William A. Gray

11:44 AM  Other Transcatheter Approaches to TR Reduction
Lecturers: Chet Rihal

11:51 AM  The Surgeon Perspective of TR Treatment: Surgery vs Transcatheter Therapy
Lecturers: Robert L. Smith

11:58 AM  The Heart Failure Specialist Perspective of TR Management
Lecturers: JoAnn Lindenfeld

12:05 PM  Focused Discussion: Is there enough in the Toolbox Is There an Opportunity for Earlier Intervention with Transcatheter Therapy

12:30 PM  Adjourn

PRESENTATION THEATER PROGRAM: ABILITY TO TRANSFORM: DEDICATED DES TO TREAT DIABETIC PATIENTS AND SIROLIMUS COATED BALLOON FOR CAD (SPONSORED BY ENVISION SCIENTIFIC PVT. LTD. AND CONCEPT MEDICAL PVT. LTD.)

MONDAY, SEPTEMBER 24, 2018
1:00 PM - 2:00 PM
Presentation Theater 4, Exhibit Hall, Ground Level

1:00 PM - 2:00 PM
ABILITY to TRANSFORM: Dedicated DES to treat Diabetic Patients and Sirolimus Coated Balloon for CAD
Chairs: Alexandre Abizaid, Antonio Colombo, Martin B. Leon, Patrick W. Serruys
Faculty: Bernardo Cortese, Sameer Dani MD, DM, Azeem Latib, Roxana Mehran, Ashok Seth, Luca Testa, MD, PhD

1:00 PM  From Concept to USA IDE Trial Design
Lecturers: Martin B. Leon

1:08 PM  European Experience and Clinical Programme
Lecturers: Bernardo Cortese

1:16 PM  Challenging Cases with Imaging
Lecturers: Sameer Dani

1:24 PM  Special Features and Clinical Experience
Lecturers: Azeem Latib

1:32 PM  Why should I use Abluminus for Diabetic Patients
Lecturers: Roxana Mehran

1:40 PM  Overall Experience of Abluminus DES in Real World and Dedicate Global Clinical Registry
Lecturers: Luca Testa

PRESENTATION THEATER PROGRAM: COMPLEX PCI IN 2018: ECLIPSE-ING THE STANDARD OF CONVENTIONAL ANGIOPLASTY (SPONSORED BY CRF, SUPPORTED BY CARDIOVASCULAR SYSTEMS, INC.)

MONDAY, SEPTEMBER 24, 2018
1:00 PM - 2:00 PM
Presentation Theater 1, Hall B2, Ground Level

1:00 PM - 2:00 PM
Complex PCI in 2018: ECLIPSE-ing the Standard of Conventional Angioplasty
Co Chairs: Ajay J. Kirtane, Jeffrey W. Moses
Faculty: Ehrin J. Armstrong, Jonathan M. Hill, Jasvindar Singh

1:00 PM  Why We Don't See Type A Lesions Anymore and What We Need to Prepare for this Change
Lecturers: Jeffrey W. Moses

1:10 PM  Do We Underutilize Coronary Atherectomy Rationale and Update on the ECLIPSE Trial
Lecturers: Ajay J. Kirtane

1:20 PM  Discussion
1:25 PM  Platform Updates: New Tools To Combat the Toughest Lesions  
Lecturers: Jasvindar Singh

1:35 PM  Tips and Tricks: A Step By Step Practicum for the Treatment of Severely Calcified Lesions  
Lecturers: Jonathan M. Hill

1:45 PM  Crossing the Uncrossable: Complex Case Review with Tips and Tricks for Success  
Lecturers: Ehrin J. Armstrong

1:55 PM  Discussion

2:00 PM  Adjourn

PRESENTATION THEATER PROGRAM: FFRANGIO FOR PCI GUIDANCE: A CLINICAL REVIEW (SPONSORED BY CATHWORKS LTD.)

MONDAY, SEPTEMBER 24, 2018  
1:00 PM - 2:00 PM  
Presentation Theater 5, Exhibit Hall, Ground Level

1:00 PM - 2:00 PM  
**FFRangio for PCI Guidance: A Clinical Review**  
*Chairs: Morton J. Kern*  
*Faculty: William F. Fearon, Peter J. Fitzgerald, Nils Johnson, Hitoshi Matsuo*

1:00 PM  Greetings and Introduction  
Lecturers: Morton J. Kern

1:05 PM  In depth Review of the FAST FFR Pivotal Trial Results  
*Case Presenter: William F. Fearon*

1:20 PM  Deep Dive Into FAST FFR: Subgroups and SecondaryEndpoints  
Lecturers: Nils Johnson

1:32 PM  The Benefits of FFRangio in Multivessel Disease  
Lecturers: Hitoshi Matsuo

1:42 PM  How Daily Use of FFRangio Can Change Clinical Practice in the Future  
Lecturers: Peter J. Fitzgerald

1:54 PM  Questions and Concluding Remarks  
Lecturers: Morton J. Kern

2:00 PM  Adjourn  
Lecturers: Morton J. Kern

PRESENTATION THEATER PROGRAM: TRANSCATHETER MITRAL VALVE INTERVENTIONS (SPONSORED BY CRF, SUPPORTED BY EDWARDS LIFESCIENCES)

MONDAY, SEPTEMBER 24, 2018  
1:00 PM - 2:00 PM  
Presentation Theater 2, Hall B2, Ground Level

1:00 PM - 2:00 PM  
**Transcatheter Mitral Valve Interventions**  
*Chairs: Jeffrey J. Popma*  
*Faculty: William T. Abraham, Ted Feldman, Howard C. Herrmann, Mark Reisman, Brian K. Whisenant*

1:00 PM  Anatomical Considerations for Mitral Valve RepairReplacement: Insights from the Center for Cardiovascular Innovation  
Lecturers: Mark Reisman

1:07 PM  Transcatheter Annular Reduction for FMR  
Lecturers: Brian K. Whisenant

1:14 PM  Different Approaches to Transcatheter Leaflet Repair  
Lecturers: Ted Feldman

1:21 PM  Advances in Transseptal Transcatheter Mitral Valve Replacement  
Lecturers: Howard C. Herrmann

1:28 PM  The Heart Failure Perspective  
Lecturers: William T. Abraham

1:38 PM  Focused Discussion: Is There Enough in the Toolbox

1:48 PM  Focused Discussion: Is There an Opportunity For Earlier Intervention with Transcatheter Therapies
PRESENTATION THEATER PROGRAM: TREATING PATIENTS AT HIGH BLEEDING RISK (HBR): THE LEADERS FREE EXPERIENCE (SPONSORED BY BIOSENSORS)

MONDAY, SEPTEMBER 24, 2018
1:00 PM - 2:00 PM
Presentation Theater 3, Exhibit Hall, Ground Level

1:00 PM - 2:00 PM
Treating Patients at High Bleeding Risk (HBR): The LEADERS FREE Experience
Co Chairs: Mitchell W. Krucoff, Martin B. Leon
Faculty: Roxana Mehran, Philip M. Urban, Renu Virmani

1:00 PM Session Opening
Lecturers: Mitchell W. Krucoff

1:05 PM From LEADERS FREE to LEADERS FREE II
Lecturers: Philip M. Urban

1:17 PM LEADERS FREE II: 1 Year Clinical Outcomes
Lecturers: Mitchell W. Krucoff

1:29 PM How BA9 Stents Heal: Pre Clinical Pathology Data
Lecturers: Renu Virmani

1:41 PM The Need for a Consensus Definition of HBR Patients
Lecturers: Roxana Mehran

1:53 PM Closing Remarks
Lecturers: Martin B. Leon

2:00 PM Adjourn

TRAINING: ABBOTT PAVILION #11 - GUIDEWIRE DESIGN AND SELECTION: A HANDS-ON USER'S GUIDE TO GUIDE WIRE TECHNOLOGY

MONDAY, SEPTEMBER 24, 2018
8:00 AM - 9:30 AM
ABBOTT PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

8:00 AM - 9:30 AM
Interactive Training Faculty: David Daniels, Jack Hall, Amir Kaki, Ethan C Korgold, William Nicholson

8:00 AM Introduction

8:05 AM Didactic on Guidewire Building Blocks and WH wires

8:15 AM Hands on Workhorse Wires Activity

8:30 AM Polymer Jacketed Wires Overview and Hands on Activity

8:50 AM Extra SupportSpecialty wires Overview and Hands on Activity

9:10 AM Wiggle wire Overview and Hands on Activity

TRAINING: BOSTON SCIENTIFIC PAVILION #11 - IMAGING/PHYSIOLOGY: OPTIMIZE PCI - NEW PHYSIOLOGIC INDICES AND HIGH DEFINITION IVUS

MONDAY, SEPTEMBER 24, 2018
8:00 AM - 9:30 AM
BOSTON SCIENTIFIC PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

8:00 AM - 9:30 AM
Imaging/Physiology: Optimize PCI - New Physiologic Indices and High Definition IVUS
Interactive Training Faculty: Yiannis S Chatzizisis, Jonathan M. Hill, Nils Johnson, Morton J. Kern, David P. Lee, Matthew J. Price, Arnold Seto
TRAINING: CHIP - ADVANCED PCI TECHNIQUES PAVILION # 9 - LEARN OPTIMAL STEP-BY-STEP TECHNIQUES FOR BIFURCATIONS: PROVISIONAL, TAP, AND DK CRUSH TECHNIQUES

MONDAY, SEPTEMBER 24, 2018
8:00 AM - 9:30 AM
CHIP PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

8:00 AM - 8:45 AM
Rapid Fire Case Presentations

8:00 AM  1 vs 2 Stents: Plaque Distribution and Role of Imaging
Interactive Training Faculty: Kefei Dou

8:00 AM  Bifurcation Techniques Videos VisibleHeart
Interactive Training Faculty: Francesco Burzotta

8:00 AM  Optimal Approaches to Bifurcations with step by step
Interactive Training Faculty: Kirti Punamiya

8:00 AM  When to Send to Surgery How to Build a Complex LMCABifurcation PCI Practice
Interactive Training Faculty: Devang Maheshchandra Desai

8:45 AM - 9:30 AM
Hands-on Rotations Between Cordis, Medtronic/Opsens, And Abbott

8:45 AM  MedtronicOpsens Featured Devices Radial Stent Models Simulator VH Footage to Loop and Onyx
Interactive Training Faculty: Jens Flensted Lassen, Azeem Latib, Duane S. Pinto

TRAINING: ENDOVASCULAR PAVILION #9 - DEEP VEIN INTERVENTION: DVT, PE, AND IVUS

MONDAY, SEPTEMBER 24, 2018
8:00 AM - 9:30 AM
ENDOVASCULAR PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

8:00 AM - 9:25 AM
Deep Vein Intervention : DVT, PE, and IVUS Session I
Interactive Training Faculty: Matthew D. Bacchetta, Riyaz Bashir, Teresa L. Carman, Sanjiv Lakhanpal, Robert A. Lookstein, Brooke Spencer

8:00 AM  Video Introduction: Need for Invasive Treatment of Deep Vein Intervention PE and Venous Compression

8:10 AM  Rotation 1: DVT Featuring Boston Scientific
Interactive Training Faculty: Robert A. Lookstein, Mehdi H. Shishehbor

8:35 AM  Rotation 2: PE
Interactive Training Faculty: Matthew D. Bacchetta, Riyaz Bashir, Teresa L. Carman

9:00 AM  Rotation 3: Venous Compression Featuring Philips
Interactive Training Faculty: Sanjiv Lakhanpal, Mahmood K. Razavi, Brooke Spencer, Jose M. Wiley

TRAINING: HEMODYNAMIC SUPPORT AND PATIENT MANAGEMENT PAVILION #9 - EXTRACORPOREAL LIFE SUPPORT (ECLS)

MONDAY, SEPTEMBER 24, 2018
8:00 AM - 9:30 AM
HEMODYNAMIC PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

8:00 AM - 9:30 AM
Extracorporeal Life Support (ECLS)

8:00 AM  Extracorporeal Life Support ECLS: Overview

TRAINING: INTERVENTIONAL IMAGING PAVILION #9 - CORONARY CT: DIAGNOSIS, PLANNING, AND INTERVENTIONAL GUIDANCE

MONDAY, SEPTEMBER 24, 2018
8:00 AM - 9:30 AM
Interventional Imaging Pavilion, Interactive Training Workshop, Upper Level
## TRAINING: TAVR PAVILION #9 - IMPROVING TAVR SAFETY & AMBULATION WITH THE TEMPO® TEMPORARY PACING LEAD

**Monday, September 24, 2018**  
**8:00 AM - 9:30 AM**  
TAVR PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

### Improving TAVR Safety & Ambulation with the Tempo® Temporary Pacing Lead  
Interactive Training Faculty: Stanley J. Chetcuti, George S. Hanzel, Nikolaos Kakouras, Amar Krishnaswamy, John C. Messenger, Sanjeevan Pasupati, Carlos E Sanchez, Mark W.I. Webster, Brian K. Whisenant, Steven J. Yakubov

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<tr>
<td>8:00 AM</td>
<td>Introduction</td>
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<td>8:05 AM</td>
<td>Tempo Lead Technology Overview</td>
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<td>8:11 AM</td>
<td>Tempo Lead Clinical Results</td>
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<td>8:21 AM</td>
<td>The Tempo Leads Role in Reducing TAVR Length of Stay LOS</td>
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## TRAINING: ABBOTT PAVILION #12 - NOW THAT I SEE IT, I KNOW HOW TO TREAT IT! - A HANDS-ON SKILLS LAB

**Monday, September 24, 2018**  
**10:00 AM - 11:30 AM**  
ABBOTT PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

### Now That I See It, I Know How to Treat It! - A Hands-on Skills Lab  

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<td>10:00 AM</td>
<td>OCT: Now that I see It Presentation</td>
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## TRAINING: BOSTON SCIENTIFIC PAVILION #12 - ROTA PRO PLAQUE MODIFICATION/VESEL PREP

**Monday, September 24, 2018**  
**10:00 AM - 11:30 AM**  
BOSTON SCIENTIFIC PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

### Rota Pro Plaque Modification/Vessel Prep  
Interactive Training Faculty: Emmanouil S. Brilakis, William L. Lombardi, Robert F. Riley, Daniel H. Steinberg

## TRAINING: CHIP - ADVANCED PCI TECHNIQUES PAVILION # 10 - LEARN OPTIMAL STEP-BY-STEP TECHNIQUES FOR BIFURCATIONS: PROVISIONAL, TAP, AND DK CRUSH TECHNIQUES

**Monday, September 24, 2018**  
**10:00 AM - 11:30 AM**  
CHIP PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

### Rapid Fire Case Presentations

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**TRANSCATHETER CARDIOVASCULAR THERAPEUTICS | MONDAY, SEPTEMBER 24, 2018**
### Training: Endovascular Pavilion #10 - Deep Vein Intervention: DVT, PE, and IVUS

**Monday, September 24, 2018**

10:00 AM - 11:30 AM
Endovascular Pavilion, Interactive Training Workshops (Sails Pavilion), Upper Level

**10:00 AM - 11:25 AM**
**Deep Vein Intervention: DVT, PE, and IVUS Session II**
Interactive Training Faculty: Antonios P. Gasparis, Jay S. Giri, Sanjiv Lakhanpal, Robert Maholic, Gregory Piazza, Sanjum S Sethi, Brooke Spencer, Victor F. Tapson

10:00 AM
**Video Introduction: Need for Invasive Treatment of Deep Vein Intervention PE and Venous Compression**

10:10 AM
**Rotation 1: DVT Featuring Boston Scientific**
Interactive Training Faculty: Sanjum S Sethi, Akhilesh K. Sista

10:35 AM
**Rotation 2: PE**
Interactive Training Faculty: Jay S. Giri, Gregory Piazza, Victor F. Tapson

11:00 AM
**Rotation 3: Venous Compression Featuring Philips**
Interactive Training Faculty: Kartik R. Gujja, S. Jay Mathews, Mitchell Weinberg

### Training: Hemodynamic Support and Patient Management Pavilion #10 - Extracorporeal Life Support (ECLS)

**Monday, September 24, 2018**

10:00 AM - 11:30 AM
Hemodynamic Pavilion, Interactive Training Workshops (Sails Pavilion), Upper Level

**10:00 AM - 11:30 AM**
**Extracorporeal Life Support (ECLS)**

10:00 AM
**Extracorporeal Life Support ECLS: Overview**

### Training: Interventional Imaging Pavilion #10 - Coronary CT: Diagnosis, Planning, and Interventional Guidance

**Monday, September 24, 2018**

10:00 AM - 11:30 AM
Interventional Imaging Pavilion, Interactive Training Workshop, Upper Level

**10:00 AM - 11:30 AM**
**Coronary CT: Diagnosis, Planning, and Interventional Guidance**
Interactive Training Faculty: João L Cavalcante, Farouc A Jaffer, Hasan Jilaihawi, Michael C. C. Kim, Jeffrey W. Moses

### Training: Medtronic Pavilion #10 - Coronary: Optimizing Outcomes in Patients with Bifurcation Lesions

**Monday, September 24, 2018**

10:00 AM - 11:30 AM
Medtronic Pavilion, Interactive Training Workshops (Sails Pavilion), Upper Level

**10:00 AM - 11:30 AM**
**Coronary: Optimizing Outcomes in Patients With Bifurcation Lesions**
Interactive Training Faculty: Francesco Burzotta, Fausto Feres, David Hildick-Smith, Azeem Latib
TRAINING: TAVR PAVILION #10 - IMPROVING TAVR SAFETY & AMBULATION WITH THE TEMPO® TEMPORARY PACING LEAD

MONDAY, SEPTEMBER 24, 2018
10:00 AM - 11:30 AM
TAVR PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

10:00 AM - 11:30 AM
Improving TAVR Safety & Ambulation with the Tempo® Temporary Pacing Lead
Interactive Training Faculty: Stanley J. Chetcuti, George S. Hanzel, Nikolaos Kakouros, Amar Krishnaswamy, John C. Messenger, Sanjeevan Pasupati, Carlos E Sanchez, Mark W.I. Webster, Brian K. Whisenant

10:00 AM
Introduction

10:05 AM
Tempo Lead Technology Overview

10:11 AM
Tempo Lead Clinical Results

10:21 AM
The Tempo Leads Role in Reducing TAVR Length of Stay LOS

TRAINING: ABBOTT PAVILION #13- MITRACLIP NTR & XTR: DEVICE & PROCEDURAL TECHNIQUES

MONDAY, SEPTEMBER 24, 2018
12:00 PM - 1:30 PM
ABBOTT PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

12:00 PM - 1:30 PM
MitraClip NTR & XTR: Device & Procedural Techniques
Interactive Training Faculty: Gorav Ailawadi, Steve Burstein, Bassem Chehab, Paolo Denti, Nicolas Dumontel, Rodrigo Estevez-Loureiro, GEORGE GELLERT, James B. Hermiller Jr, Scott Lim, Paul D. Mahoney, Moody M Makar, Andrew Morse, Ahmed Mustafa, Vivek Rajagopal, Mark J. Ricciardi, Michael J. Rinaldi, David G. Rizik, Evelio Rodriguez, Joshua Rovin, Gagan D Singh, Maurizio Taramasso

12:00 PM
Introduction

12:05 PM
Didactic

12:25 PM
Hands on Session

TRAINING: BOSTON SCIENTIFIC PAVILION #13 - ROTA PRO PLAQUE MODIFICATION/VESSEL PREP

MONDAY, SEPTEMBER 24, 2018
12:00 PM - 1:30 PM
BOSTON SCIENTIFIC PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

12:00 PM - 1:30 PM
Rota Pro Plaque Modification/Vessel Prep
Interactive Training Faculty: Emmanouil S. Brilakis, Tony J. DeMartini, Robert F. Riley, Daniel H. Steinberg

TRAINING: MEDTRONIC PAVILION #11 - STRUCTURAL HEART: FUNDAMENTALS OF CARDIAC ANATOMY AND IMAGING CORRELATION

MONDAY, SEPTEMBER 24, 2018
12:00 PM - 1:30 PM
MEDTRONIC PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level
12:00 PM - 1:30 PM

**Structural Heart: Fundamentals of Cardiac Anatomy and Imaging Correlation**
*Interactive Training Faculty: João L Cavalcante, Michael J. Reardon*

12:00 PM  **Introduction**
12:05 PM  **Anatomy Overview using Various Imaging Modalities for Structural Heart Procedures**

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**TRAINING: ABBOTT PAVILION #14 - SAVE THAT SIDE BRANCH! PRESERVING SIDE BRANCH ACCESS: A HANDS-ON PRACTICAL SKILLS LAB**

**MONDAY, SEPTEMBER 24, 2018**

2:00 PM - 3:30 PM  
ABBOTT PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

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2:00 PM - 3:30 PM  
**Save That Side Branch! Preserving Side Branch Access: A Hands-on Practical Skills Lab**
*Interactive Training Faculty: Emmanouil S. Brilakis, Jean-François Tanguay, Nick E. J. West, Jason Wollmuth*

2:00 PM  **Introduction**
2:05 PM  **Didactic on First SBA Technique and Hand On Guided Session Technique 1**
2:45 PM  **Didactic on Second SBA Technique and Hand On Guided Session Technique 2**
3:25 PM  **Wrap up**

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**TRAINING: BOSTON SCIENTIFIC PAVILION #14 - ROTA PRO PLAQUE MODIFICATION/VEssel Prep**

**MONDAY, SEPTEMBER 24, 2018**

2:00 PM - 3:30 PM  
BOSTON SCIENTIFIC PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

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2:00 PM - 3:30 PM  
**Rota Pro Plaque Modification/Vessel Prep**
*Interactive Training Faculty: Tony J. DeMartini, William L. Lombardi, James M. McCabe, Daniel H. Steinberg*

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**TRAINING: CHIP - ADVANCED PCI TECHNIQUES PAVILION #11 - CTO SKILLS 101: HOW TO APPROACH THESE LESIONS**

**MONDAY, SEPTEMBER 24, 2018**

2:00 PM - 3:30 PM  
CHIP PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

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2:00 PM - 2:45 PM  
**Rapid Fire Case Presentations**

2:45 PM - 3:30 PM  
**Hands-on Rotations Between Abbott CTO, Asahi CTO, and Boston Scientific CTO**
2:45 PM  **Asahi CTO Devices**

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**TRAINING: ENDOVASCULAR PAVILION #11 - SUPERFICIAL VENOUS DISEASE: DIAGNOSIS AND TREATMENT OPTIONS**

**MONDAY, SEPTEMBER 24, 2018**

2:00 PM - 3:30 PM  
ENDOVASCULAR PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

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2:00 PM - 3:30 PM  
**Venous Intervention Session III: Superficial Vein Intervention**
**Interactive Training Faculty: Robert E Foster, Jon C. George, Maja Zaric**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>2:00 PM</td>
<td><strong>Video Introduction: Superficial Vein Intervention</strong></td>
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<tr>
<td>2:10 PM</td>
<td><strong>Hands on Featuring Devices From Medtronic</strong></td>
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</tbody>
</table>

### TRAINING: HEMODYNAMIC SUPPORT AND PATIENT MANAGEMENT PAVILION #11 - EXTRACORPOREAL LIFE SUPPORT (ECLS)

**Monday, September 24, 2018**  
2:00 PM - 3:30 PM  
HEMODYNAMIC PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>2:00 PM</td>
<td><strong>Extracorporeal Life Support (ECLS)</strong></td>
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<tr>
<td>2:05 PM</td>
<td><strong>Extracorporeal Life Support ECLS: Overview</strong></td>
</tr>
</tbody>
</table>

### TRAINING: INTERVENTIONAL IMAGING PAVILION #11 - CT ANALYSIS FOR TAVR PROCEDURES: PLANNING AND INTERVENTIONAL GUIDANCE

**Monday, September 24, 2018**  
2:00 PM - 3:30 PM  
Interventional Imaging Pavilion, Interactive Training Workshop, Upper Level

<table>
<thead>
<tr>
<th>Time</th>
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<tr>
<td>2:00 PM</td>
<td><strong>CT Analysis for TAVR Procedures: Planning and Interventional Guidance</strong></td>
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<tr>
<td></td>
<td>Interactive Training Faculty: João L Cavalcante, Michael C. C. Kim, Chad Kliger, Jonathon A. Leipsic, Michael J. Reardon, Rahul Sharma, Dee Dee Wang</td>
</tr>
</tbody>
</table>

### TRAINING: MEDTRONIC PAVILION #12 - CORONARY: DO SIZE AND SHAPE MATTER? HOW TO CHOOSE THE RIGHT DIAGNOSTIC AND GUIDE CATHETERS?

**Monday, September 24, 2018**  
2:00 PM - 3:30 PM  
MEDTRONIC PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

<table>
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<tr>
<th>Time</th>
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<tr>
<td>2:00 PM</td>
<td><strong>Coronary: Do Size and Shape Matter? How to Choose the Right Diagnostic and Guide Catheters?</strong></td>
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<td>Interactive Training Faculty: Mitchell W. Krucoff, Sunil V. Rao</td>
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<tr>
<td>2:00 PM</td>
<td><strong>Introduction</strong></td>
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<tr>
<td>2:05 PM</td>
<td><strong>Case Based Learning</strong></td>
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<tr>
<td>2:45 PM</td>
<td><strong>QA and Simulator Hands on</strong></td>
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### TRAINING: TAVR PAVILION #11 - INNOVATIONS IN TAVR: LOTUS EDGE, ACURATE NEO2, AND SENTINEL CEREBRAL PROTECTION SYSTEM

**Monday, September 24, 2018**  
2:00 PM - 3:30 PM  
TAVR PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

<table>
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<tr>
<th>Time</th>
<th>Event</th>
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<tr>
<td>2:00 PM</td>
<td><strong>Innovations in TAVR: LOTUS Edge, ACURATE neo2, and Sentinel Cerebral Protection System</strong></td>
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<tr>
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<td>Interactive Training Faculty: Alexandre Abizaid, Vijay Iyer, Saib Khogali</td>
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### TRAINING: ABBOTT PAVILION #15 - PFO CLOSURE: RECENT DATA, TECHNIQUES, AND BEST PRACTICES FOR MANAGING PATIENTS
MONDAY, SEPTEMBER 24, 2018
4:00 PM - 5:30 PM
ABBOTT PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

4:00 PM - 5:30 PM
**PFO Closure: Recent Data, Techniques, and Best Practices for Managing Patients**
*Interactive Training Faculty: Zahid Amin, Lee N. Benson, Patrick A. Calvert, John M. Lasala, Igal Moarof, Rodrigo Nieckel da Costa, Jens Erik Nielsen-Kudsk*

  4:00 PM  **Introduction**

  4:05 PM  **PFO Closure: Recent Data Techniques and Best Practices for Managing Patients**

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**TRAINING: BOSTON SCIENTIFIC PAVILION #15 - ROTA PRO PLAQUE MODIFICATION/VEssel Prep**

MONDAY, SEPTEMBER 24, 2018
4:00 PM - 5:30 PM
BOSTON SCIENTIFIC PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

4:00 PM - 5:30 PM
**Rota Pro Plaque Modification/Vessel Prep**
*Interactive Training Faculty: Khaldoon Alaswad, William L. Lombardi, Robert F. Riley, Daniel H. Steinberg*

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**TRAINING: CHIP - ADVANCED PCI TECHNIQUES PAVILION #12 - CTO SKILLS 101: HOW TO APPROACH THESE LESIONS**

MONDAY, SEPTEMBER 24, 2018
4:00 PM - 5:30 PM
CHIP PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

4:00 PM - 4:45 PM
**Rapid Fire Case Presentations**

  4:00 PM  **CTO Complications**
   *Interactive Training Faculty: Robert W. Yeh*

  4:45 PM - 5:30 PM  **Hands-on Rotations Between Abbott CTO, Asahi CTO, Boston Scientific CTO**

  4:45 PM  **Asahi CTO Devices**

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**TRAINING: ENDOVASCULAR PAVILION #12 - SUPERFICIAL VEINous DISEASE: DIAGNOSIS AND TREATMENT OPTIONS**

MONDAY, SEPTEMBER 24, 2018
4:00 PM - 5:30 PM
ENDOVASCULAR PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

4:00 PM - 5:30 PM
**Venous Intervention Session IV: Superficial Vein Intervention**
*Interactive Training Faculty: Robert E Foster, Raghu Kolluri, Maja Zaric*

  4:00 PM  **Video Introduction: Superficial Vein Intervention**

  4:10 PM  **Hands on Featuring Devices From Medtronic**

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**TRAINING: HEMODYNAMIC SUPPORT AND PATIENT MANAGEMENT PAVILION #12 - EXTRACORPOREAL LIFE SUPPORT (ECLS)**

MONDAY, SEPTEMBER 24, 2018
4:00 PM - 5:30 PM
HEMODYNAMIC PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

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### Extracorporeal Life Support (ECLS)

4:00 PM - 5:30 PM

**Extracorporeal Life Support ECLS: Overview**

### TRAINING: INTERVENTIONAL IMAGING PAVILION #12 - CT ANALYSIS FOR TAVR PROCEDURES: PLANNING AND INTERVENTIONAL GUIDANCE

**Monday, September 24, 2018**

4:00 PM - 5:30 PM

Interventional Imaging Pavilion, Interactive Training Workshop, Upper Level

**CT Analysis for TAVR Procedures: Planning and Interventional Guidance**

Interactive Training Faculty: João L Cavalcante, Michael C. C. Kim, Chad Klinger, Jonathan A. Leipsic, Michael J. Reardon, Rahul Sharma, Dee Dee Wang

### TRAINING: TAVR PAVILION #12 - INNOVATIONS IN TAVR: LOTUS EDGE, ACURATE NEO2, AND SENTINEL CEREBRAL PROTECTION SYSTEM

**Monday, September 24, 2018**

4:00 PM - 5:30 PM

TAVR Pavilion, Interactive Training Workshops (Sails Pavilion), Upper Level

**Innovations in TAVR: LOTUS Edge, ACURATE neo2, and Sentinel Cerebral Protection System**

Interactive Training Faculty: Alexandre Abizaid, Daniel J. Blackman, Vijay Iyer

### INTERNATIONAL SESSION: COMPLEX AND COMPLICATED CORONARY AND STRUCTURAL INTERVENTIONS PRESENTED BY COLEGIO ARGENTINO DE CARDIOANGIOLOGOS INTERVENCIONISTAS (CACI), VENEZUELAN SOCIETY OF CARDIOLOGY, SAUDI ARABIAN CARDIAC INTERVENTIONAL SOCIETY (SACIS), MEXICAN SOCIETY OF INTERVENTIONAL CARDIOLOGY (SOCIME)

**Monday, September 24, 2018**

10:30 AM - 12:00 PM

Room 24C, Upper Level

**Complex and Complicated Coronary and Structural Interventions**

Moderators: Juan F. Granada, Oscar A. Mendiz

Discussants: Carlos Cabrera Arroyo, Carlos D Calderas, Anibal A. Damonte, Nabeel Ismaeil

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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<tbody>
<tr>
<td>10:30 AM</td>
<td>Introduction &lt;br&gt; Lecturers: Juan F. Granada</td>
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<tr>
<td>10:35 AM</td>
<td>Case 1 From Argentina: Complex Paravalvular Leak Closure &lt;br&gt; Case Presenter: Gustavo Alejandro Lev</td>
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<tr>
<td>10:43 AM</td>
<td>Panel Discussion</td>
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<td>10:50 AM</td>
<td>Case 2 From Mexico: Title TBD</td>
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<tr>
<td>10:57 AM</td>
<td>Roundtable Discussion with Audience QA</td>
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<tr>
<td>11:04 AM</td>
<td>Case 3 From Saudi Arabia: STEMI Air Shock and Embolism &lt;br&gt; Case Presenter: Mostafa Al Shamian</td>
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<tr>
<td>11:12 AM</td>
<td>Roundtable Discussion with Audience QA</td>
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<tr>
<td>11:19 AM</td>
<td>Case 4 From Venezuela: Is Endovascular Treatment Still an Option When EVAR Fails &lt;br&gt; Case Presenter: Carlos D Calderas</td>
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<tr>
<td>11:27 AM</td>
<td>Roundtable Discussion with Audience QA</td>
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<tr>
<td>11:34 AM</td>
<td>Case 5 From Argentina: Transfemoral TAVR Complicated by Stuck Delivery System After Deployment &lt;br&gt; Case Presenter: Miguel A Ballarino</td>
</tr>
<tr>
<td>11:42 AM</td>
<td>Roundtable Discussion with Audience QA</td>
</tr>
<tr>
<td>11:49 AM</td>
<td>Case 6 From Saudi Arabia: Transcaval TAVR Complicated by Double Trouble &lt;br&gt; Case Presenter: Waleed Alharbi</td>
</tr>
</tbody>
</table>
INTERNATIONAL SESSION: HEMODYNAMIC FUNCTIONAL ASSESSMENT OF CORONARY STENOSIS IN DAILY PRACTICE  PRESENTED BY GROUPE ATEROME ET CARDIOLOGIE INTERVENTIONNELLE (GACI) AND COLEGIO ARGENTINO CARDIOANGIOLOGOS INTERVENCIONISTAS (CACI)

MONDAY, SEPTEMBER 24, 2018
1:30 PM - 3:30 PM
Room 24C, Upper Level

1:30 PM - 3:30 PM
Hemodynamic Functional Assessment of Coronary Stenosis in Daily Practice
Moderators: Anibal A. Damonte, Jacques Monsegu
Discussants: Alejandro Cherro, Diego D Grinfeld, Brahim Harboui, Alejandro O. Palacios, Antoine Py

1:30 PM  Introduction and Session Goals
Lecturers: Anibal A. Damonte

1:35 PM  How to Perform a Hemodynamic Functional Assessment and Its Pitfalls
Lecturers: Raul Solerno

1:48 PM  Pro FFR
Lecturers: Daniel H. Berrocal

2:01 PM  Pro iFR
Lecturers: Jacques Monsegu

2:14 PM  Roundtable Discussion With Audience QA

2:29 PM  Multivessel Disease: Should Invasive Physiology Change My Strategy
Lecturers: Eric Van Belle

1:48 PM  Pro FFR
Lecturers: Daniel H. Berrocal

2:01 PM  Pro iFR
Lecturers: Jacques Monsegu

2:14 PM  Roundtable Discussion With Audience QA

2:42 PM  How to Use Invasive Physiology in Assessing and Treating Left Main Disease
Lecturers: Leandro I Lasave

1:48 PM  Pro FFR
Lecturers: Daniel H. Berrocal

2:01 PM  Pro iFR
Lecturers: Jacques Monsegu

2:14 PM  Roundtable Discussion With Audience QA

2:55 PM  Is There a Role for Invasive Physiology in Acute Coronary Syndromes
Lecturers: Patrick Dupouy

1:48 PM  Pro FFR
Lecturers: Daniel H. Berrocal

2:01 PM  Pro iFR
Lecturers: Jacques Monsegu

2:14 PM  Roundtable Discussion With Audience QA

3:08 PM  Roundtable Discussion With Audience QA

1:48 PM  Pro FFR
Lecturers: Daniel H. Berrocal

2:01 PM  Pro iFR
Lecturers: Jacques Monsegu

2:14 PM  Roundtable Discussion With Audience QA

3:24 PM  Conclusions and Take home Messages
Lecturers: Jacques Monsegu

INTERNATIONAL SESSION: COMPLEX PRIMARY PCI AND COMPLICATIONS IN STEMI  PRESENTED BY BULGARIAN WORKING GROUP OF INTERVENTIONAL CARDIOLOGY, HUNGARIAN WORKING GROUP OF INTERVENTIONAL CARDIOLOGY, HONG KONG SOCIETY OF TRANSCATHETER ENDOCARDIOVASCULAR THERAPEUTICS (HKSTENT), AND ROMANIAN WORKING GROUP OF INTERVENTIONAL CARDIOLOGY

MONDAY, SEPTEMBER 24, 2018
3:30 PM - 5:00 PM
3:30 PM - 4:15 PM

**Session I: Complex Primary PCI in STEMI**

Moderators: Michael Kang-Yin Lee, Ivo Petrov, Marin Postu, Zoltan Ruzsa
Discussants: Valeri Ljubenov Gelev, Stefan Mot, Lucian Marius Predescu, Li-Wah Tam

- **3:30 PM** Is Multivessel Revascularization During Primary PCI in STEMI Necessary Desirable or Contraindicated
  Lecturers: Stefan Mot
- **3:35 PM** Case Introduction: My Most Complex STEMI PCI
  Case Presenter: Istvan F. Edes
- **3:40 PM** How Would I Treat This Patient
  Lecturers: Marin Postu
- **3:45 PM** Case Conclusion: How I Treated This Patient
  Case Presenter: Istvan F. Edes
- **3:50 PM** What Interventionalist Should Know About Using ECMO Assisted Coronary Intervention in Cardiogenic Shock
  Lecturers: Zoltan Ruzsa
- **3:55 PM** Case Introduction: My Most Complex STEMI PCI
  Case Presenter: Lucian Marius Predescu
- **4:00 PM** How Would I Treat This Patient
- **4:05 PM** Case Conclusion: How I Treated This Patient
  Case Presenter: Lucian Marius Predescu
- **4:10 PM** Roundtable Discussion With Audience QA

4:15 PM - 5:00 PM

**Session II: Complex and Complicated Primary PCI**

Moderators: Michael Kang-Yin Lee, Ivo Petrov, Marin Postu, Zoltan Ruzsa
Discussants: Valeri Ljubenov Gelev, Stefan Mot, Lucian Marius Predescu, Li-Wah Tam

- **4:15 PM** Surprises in Primary PCI
  Lecturers: Li-Wah Tam
- **4:20 PM** Case Introduction: No Reflow During Primary PCI
  Case Presenter: Yu Ho Chan
- **4:25 PM** How Would I Treat This Patient
  Lecturers: Ivajla Zhivkova Zheleva
- **4:30 PM** Case Conclusion: How I Treated This Patient
  Case Presenter: Yu Ho Chan
- **4:35 PM** Left Main PCI in Patients With STEMI
  Lecturers: Valeri Ljubenov Gelev
- **4:40 PM** Case Introduction: STEMI Patient With LM Occlusion and Subtotal Aorto ostial Stenosis of the LAD Graft
  Case Presenter: Ivo Petrov
- **4:45 PM** How Would I Treat This Patient
  Lecturers: Li-Wah Tam
- **4:50 PM** Case Conclusion: How I Treated This Patient
  Case Presenter: Ivo Petrov
- **4:55 PM** Roundtable Discussion With Audience QA

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**INTERNATIONAL SESSION: COMPLICATIONS MANAGEMENT**

**CHALLENGING SAVES AND MISSES THAT TEACH US HOW TO BE BETTER**

PRESENTED BY

THE CARDIOLOGY SOCIETY OF INDIA/NATIONAL INTERVENTIONAL COUNCIL OF INDIA

**MONDAY, SEPTEMBER 24, 2018**

3:30 PM - 5:00 PM

Room 24C, Upper Level

**3:30 PM - 5:00 PM**

Complications Management: Challenging Saves and Misses That Teach Us How to Be Better

Moderators: Dr. Sreenivas Kumar Arramrajju, Sreenivas Arramrajju Kumar, Sahil A. Parikh
Discussants: Manoj Kumar Agarwala, Subhash Banerjee, Monotosh Panja, 84815565 Raghu, Gokul M. Reddy

- **3:30 PM** Introduction and Session Goals
How to Avoid Complications in the Cath Lab With Case Examples
Lecturers: Sundeep Mishra
3:50 PM
Roundtable Discussion With Audience QA

CHIP: Success and Regret Cases
Case Presenter: Prathap Kumar
3:55 PM

Intravascular Imaging in Complications Management: A Series of Cases
4:30 PM
Roundtable Discussion With Audience QA

Acute MI and ACS Cases: Mortality and Fortunate Saves
Case Presenter: Sreenivas Arramraju Kumar
4:57 PM
Roundtable Discussion With Audience QA

CHIP: Success and Regret Cases
Case Presenter: Prathap Kumar
4:10 PM

Intravascular Imaging in Complications Management: A Series of Cases
4:42 PM
Roundtable Discussion With Audience QA

Aortic Aneurysm and Dissection Cases: Difficult Saves and Complications
Case Presenter: Narenda N. Khanna
4:45 PM

Aortic Aneurysm and Dissection Cases: Difficult Saves and Complications
Case Presenter: Narenda N. Khanna
4:57 PM
Roundtable Discussion With Audience QA

MODERATED POSTER SESSION: CARDIOGENIC SHOCK AND VENTRICULAR ASSIST III
MONDAY, SEPTEMBER 24, 2018
8:30 AM - 9:30 AM
Moderated Posters 4, Exhibit Hall, Ground Level

8:30 AM - 9:30 AM
Cardiogenic Shock and Ventricular Assist III
Moderators: Timothy D. Henry
Discussants: Mohamad Adnan Alkhouri, Hiram G. Bezerra, Philippe Garot, Ajay J. Kirtane

8:30 AM
TCT 754: Predictors of Mortality and Clinical Outcomes of Acute Severe Cardiogenic Shock Treated With the Impella Device
Lecturers: Charlene Rohm

8:37 AM
Discussion

8:42 AM
Lecturers: Benjamin Seguy

8:49 AM
Discussion

8:54 AM
TCT 756: Acute Mechanical Unloading of the Left Ventricle Increases Functional Perfusion of the Area at Risk by Enhancing the Collateral Flow Index Prior to Reperfusion
Lecturers: Natalia Briceno

9:01 AM
Discussion

9:06 AM
TCT 757: Axillary Artery Access for Mechanical Circulatory Support Devices in Patients with Prohibitive Peripheral Arterial Disease Presenting with Cardiogenic Shock
Lecturers: M Chadi Alraies

9:13 AM
Discussion

9:18 AM
TCT 758: The Future of Heart Pump technology: Hemodynamic Monitoring of Patients on Temporary MCS Without Additional Invasive Catheters
Lecturers: Mir Basir

9:25 AM
Discussion

MODERATED POSTER SESSION: NEW APPROACHES TO ISCHEMIC OR DILATED CARDIOMYPATHY
MONDAY, SEPTEMBER 24, 2018
8:30 AM - 9:30 AM
Moderated Posters 2, Exhibit Hall, Ground Level

8:30 AM - 9:30 AM
New Approaches to Ischemic or Dilated Cardiomyopathy
Moderators: James E. Udelson
Discussants: David A Baran, Peter Carson, Victoria Delgado, Ileana L. Pina

8:30 AM
TCT 744: Axillary intraaortic Balloon Pumps Reduces Time to Ambulation After Ventricular Assist Device Or Transplant for Advanced Heart Failure
Lecturers: Vinod Chainani, MD
8:37 AM  Discussion

8:42 AM  TCT 745: Early Results of Revivent Procedure in the Treatment of Patients With Left Ventricular Dilatation and Heart Failure Due to Ischemic Cardiomyopathy
Lecturers: Yan Wang, MD

8:49 AM  Discussion

8:54 AM  TCT 746: Can Cardiac MRI Viability Assessment Guide Revascularization Decisions in Patients With Ischemic Cardiomyopathy
Lecturers: Demetrios Doukas, MD

9:01 AM  Discussion

9:06 AM  TCT 747: the CardiAMP Heart Failure Study: First Results From Unblinded Roll in Phase
Lecturers: Peter Johnston

9:13 AM  Discussion

9:18 AM  TCT 748: Performance of Helix Transendocardial Biotherapeutic Delivery System After 300 Cases
Lecturers: Eric Ducker, MD

9:25 AM  Discussion

MODERATED POSTER SESSION: PCI TECHNIQUES AND OUTCOMES

MONDAY, SEPTEMBER 24, 2018
8:30 AM - 9:30 AM
Moderated Posters 6, Exhibit Hall, Ground Level

8:30 AM - 9:30 AM
PCI Techniques and Outcomes
Moderators: Tim A. Fischell, Alfredo E. Rodriguez
Discussants: Khaldoon Alaswad, Antonio Colombo, Elias Sanidas, João A Silveira, Bernhard Witzenbichler

8:30 AM  TCT 764: Long term Follow up of Covered Stent Implantation
Lecturers: Daisuke Hahcinohe

8:37 AM  Discussion

8:42 AM  TCT 765: Effect of PSP and Other Elements of Technique on 3 Year Outcomes Among Metallic Everolimus Eluting Stent Treated Patients in the Absorb Trials
Lecturers: Stephen G. Ellis

8:49 AM  Discussion

8:54 AM  TCT 766: Coronary Perforation Complicating Percutaneous Coronary Intervention in Patients Presenting With An Acute Coronary Syndrome: An Analysis of 1013 Perforation Cases From the British Cardiovascular Intervention Society Database
Lecturers: Tim Kinnaird

9:01 AM  Discussion

9:06 AM  TCT 767: Coronary Artery Aneurysm After Drug Eluting Stenting Incidence Predictors and Outcome A Single Centered Study
Lecturers: Puneet Aggarwal, MD

9:13 AM  Discussion

9:18 AM  TCT 768: Impact of PSP Technique on Clinical Outcomes Following Metallic Drug Eluting Stent Implantations
Lecturers: Xueyan Zhao, MD

9:25 AM  Discussion

MODERATED POSTER SESSION: PCI VOLUMES AND OUTCOMES II

MONDAY, SEPTEMBER 24, 2018
8:30 AM - 9:30 AM
Moderated Posters 7, Exhibit Hall, Ground Level

8:30 AM - 9:30 AM
PCI Volumes and Outcomes II
Moderators: Lloyd W. Klein, George W. Vetrovec
Discussants: David A. Cox, Larry S. Dean, Hitinder S. Gurm, Juying Qian, Anand M Rao

8:30 AM  TCT 769: Implementation of A Same Day Discharge Program After Percutaneous Coronary Intervention in Patients With Increased Risk
Lecturers: Gerardo Nau
MODERATED POSTER SESSION: PHARMACOLOGY: DUAL AND TRIPLE ANTI-PLATELET THERAPY I

MONDAY, SEPTEMBER 24, 2018
8:30 AM - 9:30 AM
Moderated Posters 8, Exhibit Hall, Ground Level

8:30 AM - 9:30 AM Pharmacology: Dual and Triple Anti-Platelet Therapy I
Moderators: Fausto Feres
Discussants: Andrea Abizaid, Massoud A. Leesar, Kyung Woo (KW) Park, Matthew T. Roe

8:30 AM TCT 774: Duration of Dual Antiplatelet Therapy in Elective Drug Coated Balloon Angioplasty
Lecturers: Natasha Corballis, MD

8:37 AM Discussion

8:42 AM TCT 775: A Systematic Review of Randomized and Non Randomized Studies Comparing Dual Therapy With Triple Therapy in Patients With Atrial Fibrillation Undergoing Percutaneous Coronary Intervention
Lecturers: Alexander Sullivan, MD

8:49 AM Discussion

8:54 AM TCT 776: Duration of Dual Antiplatelet Therapy After Drug Coated Balloon Implantation
Lecturers: Franz Kleber, MD

9:01 AM Discussion

9:06 AM TCT 777: Guided De Escalation of DAPT in Acute Coronary Syndrome Patients Undergoing Percutaneous Coronary Intervention With Bvs Implantation A Post Hoc Analysis From the Randomized TROPICAL ACS Trial
Lecturers: Lukasz Koltowski, MD

9:13 AM Discussion

9:18 AM TCT 778: Impact of Ticagrelor and Aspirin vs Clopidogrel and Aspirin in Symptomatic Patients With Peripheral Arterial Disease: Thrombus Burden Assessed by Optical Coherence Tomography
Lecturers: Mehmet Cilingiroglu, MD

9:25 AM Discussion

MODERATED POSTER SESSION: TAVR AND MV DISEASE OR LAA CLOSURE

MONDAY, SEPTEMBER 24, 2018
8:30 AM - 9:30 AM
Moderated Posters 1, Exhibit Hall, Ground Level

8:30 AM - 9:30 AM TAVR and MV Disease or LAA Closure
8:30 AM  TCT 739: Potential Role of Emerging Percutaneous Mitral Technologies in Patients Undergoing TAVR  
Lecturers: Andrew Elbardissi, MD

8:37 AM  Discussion

8:42 AM  TCT 740: Impact of Calcific Mitral Stenosis on Survival in Patients With Aortic Stenosis Treated With TAVR  
Lecturers: Anna Sannino, MD

8:49 AM  Discussion

8:54 AM  TCT 741: Impact of Transcatheter Aortic Valve Replacement on Mitral Valve Gradients  
Lecturers: Anna Sannino, MD

9:01 AM  Discussion

9:06 AM  TCT 742: Percutaneous Left Atrial Appendage Closure Following Transcatheter Aortic Valve Replacement: Results From the Attractive Study  
Lecturers: Liesbeth Rosseel, MD

9:13 AM  Discussion

9:18 AM  TCT 743: The Multivalvular Score online App for the Assessment of Patients With Concomitant Mitral and Aortic Valve Disease Candidates to Transcatheter Aortic Valve Implantation: Prospective Validation  
Lecturers: Ignacio Amat-Santos, MD

9:25 AM  Discussion

MODERATED POSTER SESSION: TAVR SIZING

MONDAY, SEPTEMBER 24, 2018
8:30 AM - 9:30 AM
Moderated Posters 5, Exhibit Hall, Ground Level

8:30 AM - 9:18 AM  
TAVR Sizing
Moderators: Duane S. Pinto, Joachim Schofer  
Discussants: Fayaz Shawk, Robert J. Siegel, William M Suh, Giuseppe Tarantini, Konstantinos Toutouzas

8:30 AM  TCT 759: Valve Size As A Predictor of Permanent Pacemaker Implantation in Edwards SAPIEN 3 TAVR Valves A Single Center Experience  
Lecturers: Mansoor Ahmad, MD

8:37 AM  Discussion

8:42 AM  TCT 761: Reproducibility of Aortic Annular Area interpretation for Transcatheter Aortic Valve Replacement Among industry Representatives and Physicians Using Multidetector Computed tomography  
Lecturers: Raveen Chawla

8:49 AM  Discussion

8:54 AM  TCT 762: Low incidence of Prosthesis Patient Mismatch Following Extremely Small Transcatherter Aortic Valve Replacement With 20 Mm SAPIEN 3  
Lecturers: Kazue Okajima, MD

9:01 AM  Discussion

9:06 AM  TCT 763: Comparative Analysis Evaluating Imaging Modalities for Aortic Annulus Sizing and A Proposed New Technique Utilizing Three Dimensional Trans Esophageal Echocardiography: A Prospective Blinded Study  
Lecturers: George Gellert, MD

9:13 AM  Discussion

MODERATED POSTER SESSION: TRANRADIAL ACCESS COMPLICATIONS

MONDAY, SEPTEMBER 24, 2018
8:30 AM - 9:30 AM
Moderated Posters 3, Exhibit Hall, Ground Level

8:30 AM - 9:30 AM  
Tranradial Access Complications
Moderators: Ronald Caputo
Discussants: Mazen Abu-Fadel, Marta Bande, Warren J. Cantor, Vladimir Dzavik, Alejandro Goldsmith, Eufracio Sandoval, Yader Sandoval
8:30 AM  TCT 749: Real World Registry on Radial Artery Occlusion Post Cardiac Catheterization By Arterial Duplex Ultrasound
Lecturers: Wah Wah Htun, MD

8:37 AM  Discussion

8:42 AM  TCT 750: Radial Artery Occlusion Incidence Predictors and Long Term Outcome After Transradial Catheterization: Clinico Doppler Ultrasound Based Study RAIL TRAC Study
Lecturers: Puneet Aggarwal, MD

8:49 AM  Discussion

8:54 AM  TCT 751: Effect of Pigtail Assisted Tracking PAT of Guide Catheter During Transradial Coronary Angioplasty on forearm Complications: A Prospective Randomized Trial
Lecturers: Naveen Garg, MD

9:01 AM  Discussion

9:06 AM  TCT 752: Transradial Access is Associated With an Increased of Risk Catheter Induced Coronary Artery Dissection Compared With Transfemoral Access
Lecturers: Paul Boland, MD

9:13 AM  Discussion

9:18 AM  TCT 753: Incidence of Compartment Syndrome After Cardiac Catheterization Via Transradial Approach
Lecturers: Michael Bode, MD

9:25 AM  Discussion

MODERATED POSTER SESSION: INTERVENTION THERAPIES IN PATIENTS WITH DIABETES MELLITUS II

MONDAY, SEPTEMBER 24, 2018
9:30 AM - 10:30 AM
Moderated Posters 3, Exhibit Hall, Ground Level

9:30 AM - 10:18 AM  Intervention Therapies in Patients with Diabetes Mellitus II
Moderators: Donald Cutlip, Michael E. Farkouh
Discussants: Jaya Chandrasekhar, Fazila T. Malik, Steven P. Marso, Expedito Eustáquio Ribeiro, Binita Shah, Clemens von Birgelen

9:30 AM  TCT 789: Outcomes After PCI With Novel Sirolimus Eluting Stent With Unique Fusion Coating in Patients With Diabetes Mellitus
Lecturers: Luca Testa

9:37 AM  Discussion

9:42 AM  TCT 790: Efficacy and Safety of the Ultrathin Biodegradable Polymer Sirolimus Eluting Stents vs Thin Durable Polymer Everolimus Eluting Stents for Treatment of Patients With Diabetes Mellitus
Lecturers: Ron Waksman

9:49 AM  Discussion

9:54 AM  TCT 792: Everolimus Eluting vs Biolimus Eluting Stent Implantation in Unselected Patients With and Without Diabetes: A SORT OUT VIII Substudy
Lecturers: Michael Maeng

10:01 AM  Discussion

10:06 AM  TCT 793: 10 Year Outcomes in Patients With and Without Diabetes Treated With First Generation Zotarolimus Eluting and Sirolimus Eluting Stents: The SORT OUT III Study
Lecturers: Kevin Kris Warnakula Olesen

10:13 AM  Discussion

MODERATED POSTER SESSION: MI DEFINITIONS

MONDAY, SEPTEMBER 24, 2018
9:30 AM - 10:30 AM
Moderated Posters 2, Exhibit Hall, Ground Level

9:30 AM - 10:30 AM  MI Definitions
Moderators: Hector M. Garcia-Garcia, Pascal Vranckx
Discussants: Sripal Bangalore, Miroslaw Ferenc, Issam D. Moussa, Duk-Woo Park

9:30 AM  TCT 784: Relationship Between Enzymatic Infarct Size and Total Platelet Aggregability During Primary Percutaneous Coronary Intervention in Patients With ST Elevation Myocardial Infarction
Lecturers: Shinnosuke Kikuchi
TCT 785: Misclassification of Type 2 Myocardial Infarction and its Implication on Outcomes  
Lecturers: Amer Hawatmeh  
Discussion

TCT 786: Clinical Features of Subacute Myocardial Infarction  
Multicenter Registry From Tokyo CCU Network Database  
Lecturers: Ryosuke Ito  
Discussion

TCT 787: High Sensitive Cardiac Troponin Predicts 2 Years Mortality in Patients With Coronary Artery Disease  
Subanalysis of the Global Leaders Trial  
Lecturers: Chun Chin Chang  
Discussion

TCT 788: Relationship Between Total CK CK MB SCAI and Universal Definition in Determining Peri PCI Myocardial Infarction: Analysis From the Randomized BionICS Trial  
Lecturers: Ori Ben-Yehuda  
Discussion

MODERATED POSTER SESSION: OPTIMAL DIAGNOSIS AND TREATMENT OF PATIENTS WITH STEMI OR NSTEMI III

MONDAY, SEPTEMBER 24, 2018  
9:30 AM - 10:30 AM  
Moderated Posters 6, Exhibit Hall, Ground Level

9:30 AM - 10:30 AM  
Optimal Diagnosis and Treatment of Patients with STEMI or NSTEMI III  
Moderators: Bill French  
Discussants: YunDai Chen, Walter Desmet, Simon P. Hoerstrup, Sreenivas Arramroju Kumar

TCT 804: Comparative Validation of the ALPHA Score  
A Novel Risk Model Including Vascular Access Site for Predicting 30 Day Mortality in Patients Treated With Primary PCI  
Lecturers: Istvan Hizoh  
9:30 AM  
Discussion

TCT 805: Temporal Trends and Outcomes of Percutaneous Ventricular Septal Rupture Closure in ST Elevation Myocardial Infarction in the United States  
Lecturers: Srikanth Yandrapalli  
9:49 AM  
Discussion

TCT 806: One Year Clinical Outcomes of Intensity Based vs Attained Low Density Cholesterol Based Statin Therapy in Patients With Acute Myocardial Infarction  
Lecturers: Jung-Hee Lee  
10:01 AM  
Discussion

TCT 807: Post Procedural intracoronary Physiology Predicts Final Myocardial Injury After STEMI Insights From the OxAMI Study  
Lecturers: Roberto Scarsini  
10:13 AM  
Discussion

TCT 808: Comparison Between Clopidogrel and the New Oral P2Y12 Inhibitors in the Treatment of Patients With STEMI Undergoing Primary Percutaneous Coronary Intervention  
Lecturers: Martino Pepe  
10:25 AM  
Discussion

MODERATED POSTER SESSION: PHARMACOLOGY: DUAL AND TRIPLE ANTI-PLATELET THERAPY II

MONDAY, SEPTEMBER 24, 2018  
9:30 AM - 10:30 AM  
Moderated Posters 8, Exhibit Hall, Ground Level

9:30 AM - 10:30 AM  
Pharmacology: Dual and Triple Anti-Platelet Therapy II  
Moderators: Jorge F. Saucedo  
Discussants: Usman Baber, Tullio Palmerini

TCT 814: Meta Analysis of Effects of Short vs Long Term Dual Anti Platelet Therapy After Drug Eluting Stent Implantation in Patients With Coronary
### Artery Disease
**Lecturers:** Hammad Rahman

9:37 AM  Discussion

9:42 AM  TCT 815: Meta Analysis of Safety and Efficacy of Proton Pump Inhibitors With Dual Antiplatelet Therapy for Coronary Artery Disease  
**Lecturers:** Safi Khan

9:49 AM  Discussion

9:54 AM  TCT 816: Pretreatment With Dual Anti Platelet Therapy: Findings From Dedicated RCTs Post Hoc Analyses and Observational Studies  
**Lecturers:** Brandon Kai

10:01 AM  Discussion

10:06 AM  TCT 817: Best Duration of Dual Antiplatelet Therapy After Drug Eluting Stent Implantation  
A Network Meta Analysis of Randomized Controlled Trials  
**Lecturers:** Mahmoud Barbarawi

10:13 AM  Discussion

10:18 AM  TCT 818: Safety and Efficacy of 3 Month Dual Antiplatelet Therapy After Drug Eluting Stent  
A Network Bayesan Meta Analysis of Randomised Clinical Trials  
**Lecturers:** Giuseppe Ferrante

10:25 AM  Discussion

### MODERATED POSTER SESSION: RACIAL AND GENDER DISPARITIES IN CORONARY ARTERY DISEASE AND INTERVENTION II

**MONDAY, SEPTEMBER 24, 2018**  
9:30 AM - 10:30 AM  
Moderated Posters 4, Exhibit Hall, Ground Level

9:30 AM - 10:30 AM  
**Racial and Gender Disparities in Coronary Artery Disease and Intervention II**  
Moderators: Bonnie H. Weiner  
Discussants: Waleed Y Kadro, Amisha Patel, Nadia R Sutton

9:30 AM  TCT 794: Effect of Atrial Fibrillation in Asian Patients With Angina Undergoing Percutaneous Coronary Intervention With Drug Eluting Stents:Results From a Korean Nationwide Study  
**Lecturers:** Yong Giun Kim

9:37 AM  Discussion

9:42 AM  TCT 795: Prognostic Impact of Race in Patients Undergoing PCI: Analysis of 22638 Patients From 10 Randomized Coronary Stent Trials  
**Lecturers:** Bjorn Redfors

9:49 AM  Discussion

9:54 AM  TCT 796: A Paradox in Sex Specific Clinical Outcomes After Bioresorbable Scaffold Implantation: 2 Year Results From the AIDA Trial  
**Lecturers:** Laura Kerkmeijer

10:01 AM  Discussion

10:06 AM  TCT 797: Sex and Racial Disparities in Outcomes for Patients Undergoing Percutaneous Intervention  
Data From a Large Tertiary Center  
**Lecturers:** Micaela Iantorno

10:13 AM  Discussion

10:18 AM  TCT 798: Evaluation of Sex Differences in One Year Clinical Outcomes Among Patients Treated With the Dual Therapy Combo Stent  
From the Combo Collaboration  
**Lecturers:** Jaya Chandrasekhar

10:25 AM  Discussion

### MODERATED POSTER SESSION: TAVR VS TAVR AND TAVR VS SAVR II

**MONDAY, SEPTEMBER 24, 2018**  
9:30 AM - 10:30 AM  
Moderated Posters 1, Exhibit Hall, Ground Level

9:30 AM - 10:30 AM  
**TAVR vs TAVR and TAVR vs SAVR II**  
Moderators: Jean-Claude Laborde  
Discussants: Andrea Colli, Khalil Fattouch, Helge Möllmann, Neal Sawlani
9:30 AM  TCT 779: Quality of Life After Surgical and Transcatheter Aortic Valve Replacement in Patients and Their Informal Caregivers: Real World Data Contributing to Establish Value Based Medicine in East Denmark
Lecturers: Liesbeth Rosseel

9:37 AM  Discussion

9:42 AM  TCT 780: First Direct Comparison of the Self Expandable Portico vs the Balloon Expandable SAPIEN 3 Device for Trans Catheter Aortic Valve Replacement: A Case Matched Cohort Study
Lecturers: Mariuca Vasa-Nicotera

9:49 AM  Discussion

9:54 AM  TCT 781: Patients With Von Willebrand Factor Abnormalities Bleed Less Frequently After Transcatheter Than Surgical Aortic Valve Replacement
Lecturers: Kajetan Grodecki

10:01 AM  Discussion

10:06 AM  TCT 782: Early Outcomes Comparison of TAVI Using Three Different Second Generation Prostheses  Edwards SAPIEN 3 Medtronic Evolut R Symetis ACRURATE Neo TF
Lecturers: Giuliano Costa

10:13 AM  Discussion

10:18 AM  TCT 783: Procedural and Clinical Outcomes of Newer Generation Transcatheter Aortic Valves vs First Generation Transcatheter Aortic Valves
Lecturers: Carlos Giuliani

10:25 AM  Discussion

MODERATED POSTER SESSION: TRANSCATHETER TREATMENT OF MV AND TV DISEASE I

MONDAY, SEPTEMBER 24, 2018
9:30 AM - 10:30 AM
Moderated Posters 5, Exhibit Hall, Ground Level

9:30 AM - 10:30 AM  Transcatheter Treatment of MV and TV Disease I
Moderators: Jeroen J. Bax
Discussants: Lauren S. Baker, Sammy Elmariah, Christian Frerker, Tsuyoshi Kaneko, Scott Lim, Saurabh Sanon, Robert L. Smith

9:30 AM  TCT 799: The Importance of Emerging Transcatheter Mitral Valve Technologies in Cost Effectiveness and Post Procedure Outcomes
Lecturers: Andrew Elbardissi

9:37 AM  Discussion

9:42 AM  TCT 800: Immediate and Long Term Predictor Score of Success After Percutaneous Mitral Balloon Valvoplasty
Lecturers: Rafael Alexandre Meneguz-Moreno

9:49 AM  Discussion

9:54 AM  TCT 801: Predictors of Immediate Success and Long Term Clinical Outcomes After Percutaneous Mitral Balloon Valvuloplasty in Patients With Rheumatic Mitral Stenosis
Lecturers: Rafael Alexandre Meneguz-Moreno

10:01 AM  Discussion

10:06 AM  TCT 802: Effects of Pulmonary Hypertension on Transcatheter Mitral Valve Repair Outcomes: Analysis of the STSACC TVT Registry
Lecturers: Rasha Al-Bawardy

10:13 AM  Discussion

10:18 AM  TCT 803: Mitral Valve Repair With a Novel TransseptalNeochordal System: First in Man Experience
Lecturers: Alberto Weber

10:25 AM  Discussion

MODERATED POSTER SESSION: VASCULAR ACCESS DURING PCI II

MONDAY, SEPTEMBER 24, 2018
9:30 AM - 10:30 AM
Moderated Posters 7, Exhibit Hall, Ground Level

9:30 AM - 10:30 AM  Vascular Access During PCI II
Moderators: Gary Gershony, Michael A. Kutcher
Discussants: Yu Bo, James Cockburn, Mauricio G. Cohen, Yuji Ikari, Michael C. C. Kim, Ethan C Korngold

9:30 AM TCT 809: Radial Artery to Sheath Size Ratio in an American Population Implications as to Why Real Time Ultrasound Guided Radial Access May Decrease FailureCrossover Rates
Lecturers: Jonathan Roberts

9:37 AM Discussion

9:42 AM TCT 810: Novel Distal Transradial Approach for Coronary and Peripheral Interventions
Lecturers: Avtandil Babunashvili

9:49 AM Discussion

9:54 AM TCT 811: Thumb Arterial Flow Assessment After Radial Artery Compression in the Anatomical Snuffbox Compared to Wrist Level
Lecturers: Gregory Sgueglia

10:01 AM Discussion

10:06 AM TCT 812: The Distal Left Radial Artery for Coronary Angiography and Intervention A Us Experience
Lecturers: Korim Al-Azizi

10:13 AM Discussion

10:18 AM TCT 813: Assessing Relative Importance for Attributes of Radial and Femoral Artery PCI Amongst Healthy Online Recruited Volunteers
Lecturers: Jason Ross

10:25 AM Discussion

MODERATED POSTER SESSION: ASD AND PFO CLOSURE III

MONDAY, SEPTEMBER 24, 2018
10:30 AM - 11:30 AM
Moderated Posters 1, Exhibit Hall, Ground Level

10:30 AM - 11:30 AM
ASD and PFO Closure III
Moderators: Eustaquio Maria Onorato, Harsimran Sachdeva Singh
Discussants: Sachin S. Goel, Uzoma Ibebuogu, Kee-Sik Kim, Jorge Palazuelos, Francesco Pelliccia

10:30 AM TCT 819: Patent Foramen Ovale Closure vs Medical Therapy After Cryptogenic Stroke A Systematic Review and Meta Analysis
Lecturers: Safi Khan

10:37 AM Discussion

10:42 AM TCT 820: Impact of Atrial Septal Shunt in Patients With Patent Foramen Ovale and Cryptogenic Cerebral Ischemic Events on Acute and Longterm Outcome After Percutaneous Closure
Lecturers: Julia Seeger

10:49 AM Discussion

10:54 AM TCT 821: Patent Foramen Ovale Closure in Patients With Cryptogenic Stroke: Meta Analysis of Randomized Controlled Trials
Lecturers: Fahed Darmoch

11:01 AM Discussion

Lecturers: Kais Hyasat

11:13 AM Discussion

MODERATED POSTER SESSION: CATH LAB OF THE FUTURE: STRATEGIES TO CONTROL RADIATION EXPOSURE III

MONDAY, SEPTEMBER 24, 2018
10:30 AM - 11:18 AM
Moderated Posters 2, Exhibit Hall, Ground Level

10:30 AM - 11:18 AM
Strategies to Control Radiation Exposure III
Moderators: Todd J. Brinton, Louis A. Cannon
Discussants: Mark C. Bates, Ramon L Varcoe, Mitchell Weinberg
TCT 823: Identification of Patient and Procedural Characteristics Associated With High Radiation Use During TAVI
Lecturers: Wieke Vlastra
10:37 AM Discussion

TCT 824: Statewide Variability in Radiation Doses Exceeding 5 Gy During Percutaneous Coronary Intervention Data From the Blue Cross Blue Shield of Michigan Cardiovascular Collaborative BMC2 Registry
Lecturers: Ryan Madder
10:49 AM Discussion

TCT 825: The Right Radial Access for Coronary Angiography Reduces Radiation Exposure Compared to Other Approaches The Experience From a High Volume Center
Lecturers: Wojciech Zajdel
11:01 AM Discussion

TCT 826: Effect of Allura Xper FD10 ECO X Ray Image Processing on Radiation Reduction During Cardiac Catheterization A Single Center 717 Case Experience
Lecturers: J.R. Exequiel Pineda
11:06 AM Discussion

MODERATED POSTER SESSION: HOCM OR ALCOHOL SEPTAL ABLATION
MONDAY, SEPTEMBER 24, 2018
10:30 AM - 11:30 AM
Moderated Posters 3, Exhibit Hall, Ground Level

10:30 AM - 11:18 AM
HOCM or Alcohol Septal Ablation
Moderators: John S. Douglas Jr, Srihari S. Naidu
Discussants: Michael A. Fifer, Alexander Grigorievich Osiev, Igor F. Palacios, Kolja Sievert, Qi Zhang

TCT 827: Septal Alcohol Ablation vs Myectomy for Symptomatic Hypertrophic Obstructive Cardiomyopathy An Updated Meta Analysis for Long Term Outcomes
Lecturers: Mohammed Osman
10:37 AM Discussion

TCT 828: Clinical Outcomes Following Focal Ablation A New Technique for the Performance of Alcohol Septal Ablation
Lecturers: Youssef Rabban
10:42 AM Discussion

TCT 830: Outcomes of Acute Myocardial Infarction in Hypertrophic Obstructive Cardiomyopathy
Lecturers: Obai Abdullah
10:49 AM Discussion

TCT 831: Differences in Short Term Outcomes and Cost Between Alcohol Septal Ablation and Septal Myectomy for Hypertrophic Cardiomyopathy in the United States
Lecturers: Srikanth Yandrapalli
11:01 AM Discussion

MODERATED POSTER SESSION: LMCA DISEASE AND INTERVENTION III
MONDAY, SEPTEMBER 24, 2018
10:30 AM - 11:30 AM
Moderated Posters 4, Exhibit Hall, Ground Level

10:30 AM - 11:30 AM
LMCA Disease and Intervention III
Moderators: Andrejs Erglis
Discussants: Alainde Chieffo, Nicolas Foin, Robert J. Gil, Mamas Mamas, Leif Thuesen

TCT 832: Resting Heart Rate At Discharge Predicts Adverse Cardiovascular Outcomes in Patients With Left Main Coronary Artery Disease Revascularized With PCI and CABG: Insights From the EXCEL Trial
Lecturers: Leon Gustavo Macedo
10:37 AM Discussion

TCT 833: Does an Occluded RCA Affect Prognosis in Patients Undergoing PCI or CABG for Left Main Coronary Artery Disease Analysis From the EXCEL Trial
10:42 AM Discussion
Lecturers: Shmuel Chen

10:49 AM Discussion

10:54 AM TCT 834: Risk Stratification Using the ACEF Score in Patients Undergoing Percutaneous or Surgical Left Main Revascularization: Insights From the EXCEL Trial
Lecturers: Bimmer Claessen

11:01 AM Discussion

11:06 AM TCT 835: Validation of PARIS Risk Scores in Patients Treated With Everolimus Eluting Stents for Left Main Coronary Artery Disease: Analysis From the EXCEL Trial
Lecturers: Sabato Sorrentino

11:13 AM Discussion

11:18 AM TCT 836: Unique Calcification Patterns in the Left Main Bifurcation in Patients After Coronary Artery Bypass Grafting
Lecturers: Rafal Wolny

11:25 AM Discussion

MODERATED POSTER SESSION: PCI IN HIGH BLEEDING RISK (HBR) PATIENTS III

MONDAY, SEPTEMBER 24, 2018
10:30 AM - 11:30 AM
Moderated Posters 6, Exhibit Hall, Ground Level

10:30 AM - 11:30 AM
PCI in High Bleeding Risk (HBR) Patients III
Moderators: John A. Bittl, Michael Maeng
Discussants: Eric A. Cohen, Gert Richardt, Jean-François Tanguay

10:30 AM TCT 841: Baseline Characteristics and 3 Month Outcomes of the EVOLVE Short DAPT Trial: A Prospective investigation of Abbreviated Antiplatelet Therapy in High Bleeding Risk Patients Treated With A Thin Strut Bioabsorbable Polymer Coated Everolimus Eluting Stents
Lecturers: Ajay J. Kirtane

10:37 AM Discussion

10:42 AM TCT 842: Patterns of Proton Pump Inhibitor Use in Patients Post Coronary Revascularization: Impact of Bleeding Risk on Prescription Patterns
Lecturers: Kiran Sarathy

10:49 AM Discussion

10:54 AM TCT 843: Evaluation of Safety and Efficacy of Left and Right Heart Catheterization From Transradial and Antecubital Access in Patients on Anticoagulation
Lecturers: Felipe Marques

11:01 AM Discussion

11:06 AM TCT 844: Long Term Risk for Major Bleeding and Ischemic Events After PCI With Implantation of Everolimus Eluting Stents: A Pooled Level Analysis of 8020 Patients
Lecturers: Sabato Sorrentino

11:13 AM Discussion

11:18 AM TCT 845: Clinical Impact of Low Platelet Count in Patients With Coronary Arterial Disease After Percutaneous Coronary Intervention
Lecturers: Sangwoo Park

11:25 AM Discussion

MODERATED POSTER SESSION: TAVR RISK STRATIFICATION AND OUTCOMES IV

MONDAY, SEPTEMBER 24, 2018
10:30 AM - 11:30 AM
Moderated Posters 5, Exhibit Hall, Ground Level

10:30 AM - 11:30 AM
TAVR Risk Stratification and Outcomes IV
Moderators: Christian M. Spaulding
Discussants: David J. Cohen, Marie-Claude Morice, Bernhard Reimers

10:30 AM TCT 837: Transcatheter Aortic Valve Replacement Outcomes By Procedure Location: Catheterization Laboratory vs Operating Room
Lecturers: Tom Nguyen

10:37 AM Discussion
10:42 AM  TCT 838: The Changing Landscape of Aortic Valve Replacement in the United States  Insights From a National Database
Lecturers: Tanush Gupta
Discussion

10:49 AM  TCT 839: Transcatheter Aortic Valve Replacement for Severe Aortic Stenosis Is More Likely to Improve Than Worsen Ckd Stage: Analysis of the Partner 1 2A and 53 Trials
Lecturers: Roberto J. Cubeddu
Discussion

10:54 AM  TCT 840: The Impact of Transcatheter Aortic Valve Replacement on Short and Long Term Outcomes in High Gradient vs Low Flow  Low Gradient vs Paradoxical Low Flow  Low Gradient Severe Aortic Stenosis: A Network Meta Analysis of Randomized Controlled Trial
Lecturers: Abdulah Alrifai
Discussion

11:04 AM  TCT 841: The Impact of Transcatheter Aortic Valve Replacement on Short and Long Term Outcomes in High Gradient vs Low Flow  Low Gradient vs Paradoxical Low Flow  Low Gradient Severe Aortic Stenosis: A Network Meta Analysis of Randomized Controlled Trial
Lecturers: Abdulah Alrifai
Discussion

11:18 AM  TCT 721: Transcatheter Aortic Valve Replacement in Patients With Chronic Pulmonary Hypertension
Lecturers: Obai Abdullah
Discussion

11:25 AM  TCT 851: Histopathological and Scanning Electron Microscopy Thrombus Findings in Patients Undergoing Primary vs Rescue Percutaneous Coronary Intervention
Lecturers: Stella Marinelli Pedrini
Discussion

10:30 AM - 11:18 AM  Thrombus and Thrombus Aspiration During STEMI Intervention
Moderators: Sameer Mehta, Robert S. Schwartz
Discussants: Jose L. Leiva-Pons, Chaim S. Lotan, Verghese Mathew, Sundeep Mishra, Anand M Rao

10:30 AM  TCT 856: Thrombus and Thrombus Aspiration During STEMI Intervention
Lecturers: Sameer Mehta, Robert S. Schwartz
Discussion

10:37 AM  TCT 855: The Precise DAPT Score Relationship With Clinical Outcomes After Drug Eluting Stents Implantation and With Thrombotic Ischemic Scores
Lecturers: Jose M. de la Torre Hernandez
Discussion

10:42 AM  TCT 858: Comparison Between Conventional Access Site Approach and Fully Trans Wrist Approach for Chronic Total Occlusion Percutaneous Coronary Intervention: the Minimalistic Hybrid Approach
Lecturers: Yukio Mizuguchi
Discussion

10:49 AM  TCT 857: Histopathological and Scanning Electron Microscopy Thrombus Findings in Patients Undergoing Primary vs Rescue Percutaneous Coronary Intervention
Lecturers: Stella Marinelli Pedrini
Discussion

10:54 AM  TCT 859: Transcatheter Aortic Valve Replacement for Severe Aortic Stenosis Is More Likely to Improve Than Worsen Ckd Stage: Analysis of the Partner 1 2A and 53 Trials
Lecturers: Roberto J. Cubeddu
Discussion

11:01 AM  TCT 860: The Impact of Transcatheter Aortic Valve Replacement on Short and Long Term Outcomes in High Gradient vs Low Flow  Low Gradient vs Paradoxical Low Flow  Low Gradient Severe Aortic Stenosis: A Network Meta Analysis of Randomized Controlled Trial
Lecturers: Abdulah Alrifai
Discussion

11:06 AM  TCT 861: The Impact of Transcatheter Aortic Valve Replacement on Short and Long Term Outcomes in High Gradient vs Low Flow  Low Gradient vs Paradoxical Low Flow  Low Gradient Severe Aortic Stenosis: A Network Meta Analysis of Randomized Controlled Trial
Lecturers: Abdulah Alrifai
Discussion

11:13 AM  TCT 862: The Precise DAPT Score Relationship With Clinical Outcomes After Drug Eluting Stents Implantation and With Thrombotic Ischemic Scores
Lecturers: Jose M. de la Torre Hernandez
Discussion

11:18 AM  TCT 863: Comparison Between Conventional Access Site Approach and Fully Trans Wrist Approach for Chronic Total Occlusion Percutaneous Coronary Intervention: the Minimalistic Hybrid Approach
Lecturers: Yukio Mizuguchi
Discussion

MODERATED POSTER SESSION: THROMBUS AND THROMBUS ASPIRATION DURING STEMI INTERVENTION

Monday, September 24, 2018
10:30 AM - 11:30 AM
Moderated Posters 8, Exhibit Hall, Ground Level

10:30 AM - 11:18 AM  Thrombus and Thrombus Aspiration During STEMI Intervention
Moderators: Sameer Mehta, Robert S. Schwartz
Discussants: Jose L. Leiva-Pons, Chaim S. Lotan, Verghese Mathew, Sundeep Mishra, Anand M Rao

10:30 AM  TCT 851: Histopathological and Scanning Electron Microscopy Thrombus Findings in Patients Undergoing Primary vs Rescue Percutaneous Coronary Intervention
Lecturers: Stella Marinelli Pedrini
Discussion

10:37 AM  TCT 852: Thrombus Aspiration in Patients With ST Elevation Myocardial Infarction Presenting Late After Symptom Onset  Long Term Clinical Outcome of A Randomized Trial
Lecturers: Anne Freund
Discussion

10:42 AM  TCT 853: Thrombus Aspiration in Patients With ST Elevation Myocardial Infarction Presenting Late After Symptom Onset  Long Term Clinical Outcome of A Randomized Trial
Lecturers: Anne Freund
Discussion

10:49 AM  TCT 854: The Precise DAPT Score Relationship With Clinical Outcomes After Drug Eluting Stents Implantation and With Thrombotic Ischemic Scores
Lecturers: Jose M. de la Torre Hernandez
Discussion

11:04 AM  TCT 855: Optical Coherence Tomography Appraisal of Residual Thrombus Burden in Patients With ST Segment Elevation Myocardial Infarction Undergoing High vs Low Bivalirudin Infusion  The MATRIX Minimizing Adverse Haemorrhagic Events By Transradial Access
Lecturers: Hector M. Garcia-Garcia
Discussion

MODERATED POSTER SESSION: VASCULAR ACCESS DURING PCI III

Monday, September 24, 2018
10:30 AM - 11:30 AM
Moderated Posters 7, Exhibit Hall, Ground Level

10:30 AM - 11:18 AM  Vascular Access During PCI III
Moderators: Ajoy J. Kirtane, Samir B. Pancholy, Stephen R. Ramee
Discussants: Bruce Bowers, Mina Madan, Nish Patel, Rahul Sakhija, Wei-Hsian Yin

10:30 AM  TCT 846: Multicenter Study of the Efficacy and Safety of Distal Radial Approach in Coronary Angiography and Intervention
Lecturers: Yukio Mizuguchi
Discussion

10:37 AM  TCT 847: Multicenter Study of the Efficacy and Safety of Distal Radial Approach in Coronary Angiography and Intervention
Lecturers: Yukio Mizuguchi
Discussion

10:42 AM  TCT 848: Comparison Between Conventional Access Site Approach and Fully Trans Wrist Approach for Chronic Total Occlusion Percutaneous Coronary Intervention: the Minimalistic Hybrid Approach
Lecturers: Yukio Mizuguchi
Discussion
10:49 AM  Discussion

10:54 AM  TCT 849: Safety of Transradial Access Compared to Transfemoral Access With Hemostatic Devices Vessel Plugs Suture Devices and Vascular Clips After Percutaneous Coronary Intervention  A Systematic Review and Meta Analysis  
Lecturers: Yashasvi Chugh

11:01 AM  Discussion

11:06 AM  TCT 850: Early Experience With Ultrasound Guided Distal Trans Radial Access in the Anatomical Snuffbox in Coronary Angiography and Intervention  
Lecturers: Jang Whan Bae

MODERATED POSTER SESSION: CORONARY PHYSIOLOGY IN AMI PATIENTS

MONDAY, SEPTEMBER 24, 2018
11:30 AM - 12:30 PM
Moderated Posters 7, Exhibit Hall, Ground Level

11:30 AM - 12:30 PM  Coronary Physiology in AMI Patients  
Moderators: Dariusz Dudek, Alan C. Yeung  
Discussants: Jozef Bartunek, Nick Curzen, Maurizio Menichelli, Erick Schampaert

11:30 AM  TCT 870: Do We Need Wedge Pressure for Calculation of the Index of Microcirculatory Resistance IMR Post Primary Percutaneous Coronary Intervention PPCI in Patients With ST Segment Elevation Myocardial Infarction STEMI  
Lecturers: Grigoris Karamasis

11:37 AM  Discussion

11:42 AM  TCT 871: Stratification of the Coronary Flow Impairment in Non Infarcted Related Arteries According to the Coronary Flow Capacity CFC  
Lecturers: Hernan Mejia-Renteria

11:49 AM  Discussion

11:54 AM  TCT 872: Quantitative Flow Ratio in Myocardial Infarction for the Evaluation of Non Infarct Related Arteries  The QIMERA Pilot Study  
Lecturers: Carlos Cortes

12:01 PM  Discussion

12:06 PM  TCT 873: Attenuated Coronary Post Occlusive Flow Increased Inflammatory Environment and Larger Infarct Size in STEMI Patients With Acute Peripheral Vascular Dysfunction  
Lecturers: Nina Van Der Hoeven

12:13 PM  Discussion

12:18 PM  TCT 874: Coronary Microvascular Function During STEMI: Real Time Absolute Dynamic Microvascular Resistance in An Experimental Porcine Model Using Controlled Flow Infusion  
Lecturers: Robert S. Schwartz

12:25 PM  Discussion

MODERATED POSTER SESSION: PCI IN THE ELDERLY II

MONDAY, SEPTEMBER 24, 2018
11:30 AM - 12:30 PM
Moderated Posters 6, Exhibit Hall, Ground Level

11:30 AM - 12:30 PM  PCI in the Elderly II  
Moderators: Matthias Lutz, Mohamed Ahmed Sobhy  
Discussants: Khaled Almerri, Shiro Uemura

11:30 AM  TCT 865: Temporal Trends and Outcomes of Fibrinolytic Therapy for ST Elevation Myocardial Infarction Among Patients 80 Years or Older Transferred for Percutaneous Coronary Intervention  
Lecturers: Gbolahan Ogunbayo

11:37 AM  Discussion

11:42 AM  TCT 866: Association of Age With the Risk of Thrombotic and Bleeding Event After Percutaneous Coronary Intervention  
Lecturers: Hirotoshi Watanabe
Discussion
11:49 AM  TCT 867: Polymer Free Sirolimus Eluting Stents in an Elderly and Octogenarian All Comer Population  
Lecturers: Markus Florian Krackhardt

Discussion
12:01 PM  TCT 868: Drug Eluting Stents and Short Duration of DAPT in Elderly Patients With Coronary Artery Disease Results of the Senior Randomized Clinical Trial at 2 Years  
Lecturers: Olivier Varenne

Discussion
12:13 PM  TCT 869: Two Years Outcomes in Elderly Patients Planned for One Month DAPT After PCI: Subanalysis of the SENIOR Trial  
Lecturers: Olivier Varenne

MODERATED POSTER SESSION: TRANSCATHETER TREATMENT OF MV AND TV DISEASE II

MONDAY, SEPTEMBER 24, 2018  
11:30 AM - 12:30 PM  
Moderated Posters 5, Exhibit Hall, Ground Level

11:30 AM - 12:30 PM  
Transcatheter Treatment of MV and TV Disease II  
Moderators: Ralph Stephan von Bardeleben  
Discussants: Stamatios Lerakis, Francesco Maisano, Carlos E. Ruiz, Bernard Vasseur

11:30 AM  TCT 860: Lampoon to Facilitate Tendyne Transcatheter Mitral Valve Replacement From Animal Model to First in Human  
Lecturers: Jaffar M Khan

11:37 AM  Discussion

11:42 AM  TCT 861: Predicting Left Ventricular Outflow Tract Obstruction From Transcatheter Mitral Valve Replacement Despite Anterior Mitral Leaflet Resection: The Skirt NeoLVOT  
Lecturers: Jaffar M Khan

11:49 AM  Discussion

11:54 AM  TCT 862: A More Reliable Method for Predicting Neo LVOT Obstruction After TMVR  
Lecturers: Dee Dee Wang

12:01 PM  Discussion

12:06 PM  TCT 863: SCOUT 1 Trial: Impact of Center Experience on Intraprocedural and 30 Day Outcomes  
Lecturers: Charles J. Davidson

12:13 PM  Discussion

12:18 PM  TCT 864: Should Tricuspid Valve Repair Be Indicated for Severe Symptomatic Tricuspid Regurgitation Clinical and Procedural Outcomes  
Lecturers: Mohammad Mehdi Ansari

12:25 PM  Discussion

MODERATED POSTER SESSION: VULNERABLE PLAQUES AND VULNERABLE PATIENTS II

MONDAY, SEPTEMBER 24, 2018  
11:30 AM - 12:30 PM  
Moderated Posters 2, Exhibit Hall, Ground Level

11:30 AM - 12:30 PM  
Vulnerable Plaques and Vulnerable Patients II  
Moderators: Renu Virmani  
Discussants: Farouc A Jaffer, Takashi Kubo, Robert L. Wilensky

11:30 AM  TCT 856: Peri Coronary Adipose Tissue Expresses Pro Inflammatory Activity Which May Affect Coronary Atherosclerosis in Patients With Coronary Artery Disease  
Lecturers: Tomasz Mazurek

11:37 AM  Discussion

11:42 AM  TCT 857: A 75 Stenosis Created Turbulent Flow Ruptured Bubbles Cavitation Phenomenon Eroded the Vulnerable Cap and Triggered Acute Myocardial Infarction
**EVENING PROGRAM: DAPT AND TRIPLE THERAPY: A CASE-BASED GUIDE TO OPTIMAL ANTIPLATELET THERAPIES (SPONSORED BY CRF, SUPPORTED BY ABBOTT, ASTRAZENECA, BOSTON SCIENTIFIC CORPORATION, CELONOVA BIOSCIENCES, CHIESI USA, INC., MEDTRONIC)**

**MONDAY, SEPTEMBER 24, 2018**

**6:00 PM - 6:30 PM**
Check-In & Reception

**6:30 PM - 8:00 PM**
**DAPT and Triple Therapy: A Case-based Guide to Optimal Antiplatelet Therapies**

**Co Chairs:** Ajay J. Kirtane, Roxana Mehran

**Faculty:** Deepak L. Bhatt, C. Michael Gibson, James B. Hermiller Jr, Sunil V. Rao

- **6:30 PM** Welcome Introductions and Session Goals
  
  **Lecturers:** Roxana Mehran

**THE CASE FOR BIORESORBABLE POLYMER DES**

**Moderators:** Patrick W. Serruys

**Panel Discussant:** David E. Kandzari, Ajay J. Kirtane, Roxana Mehran

- **7:08 PM** The Evolving SYNERGY Programs: EVOLVE Short DAPT Updates
  
  **Lecturers:** Ajay J. Kirtane

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**EVENING PROGRAM: NEXT GENERATION DES TECHNOLOGY: LET THE FUTURE BEGIN! (SPONSORED BY CRF, SUPPORTED BY ABBOTT, BOSTON SCIENTIFIC CORPORATION, MEDTRONIC, AND ORBUSNEICH)**

**MONDAY, SEPTEMBER 24, 2018**

**6:00 PM - 6:30 PM**
Check-In & Reception

**6:30 PM - 8:00 PM**
**Next Generation DES Technology: The Future is Here!**

**Chairs:** Roxana Mehran

**Faculty:** Ori Ben-Yehuda, Robert A. Byrne, David E. Kandzari, Ajay J. Kirtane, Mitchell W. Krucoff, Patrick W. Serruys, Pieter R. Stella, Stephan Windecker

- **6:30 PM** The Science behind Xience: From EXCEL to SHORT DAPT
  
  **Lecturers:** Roxana Mehran

- **6:37 PM** The Onyx One Programs: Moving to High Bleeding Risk Patients
  
  **Lecturers:** Stephan Windecker

- **6:44 PM** Novel PolyzeneF Nanocoating COBRA PzF Stent: Shortest DAPT Program
  
  **Lecturers:** Robert A. Byrne

- **6:51 PM** Novel Properties and Results with the Elastomer Polymer based EluNIR DES
  
  **Lecturers:** Ori Ben-Yehuda

- **6:58 PM** Moderated Discussion and Summary

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ORSIRO: An Ultra thin Strut Metallic DES with Bioresorbable Polymer
Lecturers: David E. Kandzari

Bioresorbable Polymer based Drug Delivery with Endothelial Progenitor Cells to Accelerate Healing: The COMBO Stent
Lecturers: Roxana Mehran

Moderated Discussion and Summary

THE CASE FOR POLYMER-FREE DES
Moderators: Roxana Mehran

THE CASE FOR POLYMER-FREE DES
Panel Discussant: Mitchell W. Krucoff, Pieter R. Stella

BIOFREEDOM: The LEADERS FREE Program and Beyond
Lecturers: Mitchell W. Krucoff

Polymer Free Amphilimus CRE8: A Creative Design for Diabetics
Lecturers: Pieter R. Stella

Moderated Discussion and Summary

Adjourn
BREAKFAST PROGRAM: GUIDEWIRE DESIGN AND SELECTION: A USER’S GUIDE (SPONSORED BY CRF, SUPPORTED BY ABBOTT, ASAHI INTECC USA, INC., BOSTON SCIENTIFIC CORPORATION, AND MEDTRONIC)

TUESDAY, SEPTEMBER 25, 2018
6:30 AM - 8:00 AM
Room 1, Upper Level

6:30 AM - 7:00 AM
Check-in & Breakfast

7:00 AM - 8:00 AM
GUIDEWIRE DESIGN AND SELECTION: A USER’S GUIDE
Co Chairs: Ajay J. Kirtane
Faculty: Paul Knaapen

7:00 AM Welcome and Introductions
7:02 AM Matching Guidewire Design to Function: 2018 Updates
7:12 AM Applied Use of Coronary Guidewires: Basic Principles for Wire Manipulation
7:24 AM CTO Wires: Antegrade and Retrograde Case Examples
Lecturers: Paul Knaapen
7:36 AM Increasing Support and Challenging Wiring: Case Examples
Lecturers: Ajay J. Kirtane
7:48 AM Using All the Tools You Have at Your Disposal
8:00 AM Adjourn

BREAKFAST PROGRAM: INTEGRATING PHYSIOLOGY AND IMAGING INTO THE CATH LAB - WHAT TECHNOLOGY SHOULD I USE AND HOW AND WHEN SHOULD I USE IT? (SPONSORED BY CRF, SUPPORTED BY ABBOTT, BOSTON SCIENTIFIC, AND MEDTRONIC)

TUESDAY, SEPTEMBER 25, 2018
6:30 AM - 8:00 AM
Room 2, Upper Level

6:30 AM - 7:00 AM
Check-in & Breakfast

7:00 AM - 8:00 AM
INTEGRATING PHYSIOLOGY AND IMAGING INTO THE CATH LAB - WHAT TECHNOLOGY SHOULD I USE AND HOW AND WHEN SHOULD I USE IT?
Co Chairs: Gary S. Mintz, Francesco Prati
Faculty: Javier Escaned, Akiko Maehara

7:00 AM How Do I Assess an Intermediate Lesion FFR iFR Angio FFR
Lecturers: Javier Escaned
7:15 AM Discussion
7:20 AM What Is the Status of Vulnerable Plaque Detection
Faculty: Akiko Maehara
7:30 AM Discussion
7:35 AM How Do I Optimize Metallic Stent Implantation
Lecturers: Francesco Prati
7:55 AM QA
8:00 AM Adjourn

MAIN ARENA IV, TUESDAY, SEPT 25
My Best Complications (Ones That Worked Out)
Moderators: Maurice Buchbinder, Gregg W. Stone
Case Presenter: Eric Horlick, Christopher U. Meduri, Oscar A. Mendiz, Curtiss T. Stinis, Bernhard Witzenbichler, Jochen Wöhrl
Discussants: Mohamed Abdel-Wahab, Charles J. Davidson, Eric Eeckhout, Ted Feldman, David I. Fischman, Gary Gershony, Howard C. Herrmann, Mark Reisman, Habib Samady

TCT Awards: Best Abstract, Best Challenging Case, Most Fascinating Lecture
Moderators: Gregg W. Stone
Discussants: Alexandre Abizaid, Gary S. Mintz, Patrick W. Serruys

10:00 AM - 11:00 AM
Late-Breaking Trials 5
Moderators: Felix Mahfoud, Patrick W. Serruys
Discussants: Bernard R. Chevalier, David J. Cohen, Antonio Colombo, Yaling Han, Takeshi Kimura, Ajay J. Kirtane, John A. Ormiston, Horst Sievert, Robert-Jan van Geuns

11:00 AM - 12:00 PM
Late-Breaking Clinical Science 3
Moderators: James B. Hermiller Jr
Co-Moderator: Daniel I. Simon
Discussants: Anita Asgar, Justin E. Davies, Dariusz Dudek, Sameer Gafoor, Morton J. Kern, Raj Makkar, Jan J. Piek, Simon Redwood, Jacqueline E. Tamis-Holland

CorMicA: A Randomized Trial of Invasive Coronary Function Testing in Patients With Angina and Nonobstructive Coronary Artery Disease
Lecturers: Tom J Ford

RESET: Seven Year Follow up From a Randomized Trial of Sirolimus Eluting vs Everolimus Eluting Stents in Patients With Coronary Artery Disease
Lecturers: Hiroki Shiomi

NEOPRO: Nonrandomized Comparison of Two Transcatheter Heart Valve in Patients With Severe Aortic Stenosis
Lecturers: Azeem Latib

PORTICO I: One Year Outcomes With a Self Expanding Repositionable Transcatheter Heart Valve in Patients With Severe Aortic Stenosis
Lecturers: Lars Søndergaard
12:00 PM - 1:00 PM
My Worst Complications (Ones That Didn’t Work Out)
Moderators: Martin B. Leon, Barry D. Rutherford
Case Presenter: J. Dawn Abbott, Emmanouil S. Brilakis, Anthony H. Gershlick, Paul Sorajja
Discussants: Thomas A. Ischinger, Nicholas J. Lembo, Reginald I. Low, Tamim Nazif, Igor F. Palacios, Duane S. Pinto, Andrew Sharp, Satoru Sumitsuji, Stephen G. Worthley