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**ORAL ABSTRACTS: ADVANCED FFR-GUIDED DECISION MAKING**

**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: Youssif 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**

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**ORAL ABSTRACTS: COMPLEX AND HIGHER RISK PROCEDURES FOR INDICATED PATIENTS (CHIP)**

**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 Mazyncka

**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**

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**ORAL ABSTRACTS: AMI OUTCOMES**

**1:00 PM**  
**AMi Outcomes**

Moderators: Angeles Alonso Garcia, Rajesh M. Dave
Discussants: Roberto Botelho, Warren J. Cantor, Jaya Chandrasekhar, Roberto Diletti, Guy J. Friedman, Scott Harding
ORAL ABSTRACTS: EXCEL TRIAL SUBSTUDIES

FRIDAY, SEPTEMBER 21, 2018
1:00 PM - 2:00 PM
Room 33B-C, Upper Level
Accreditation: MOC,CME

1:00 PM
EXCEL Trial Substudies
Moderators: Nicholas J. Lembo, Marie-Claude Morice
Discussants: Anibal A. Damonte, Fausto Feres, Dietmar H. Glogar, Thomas C. McAndrew, Tanveer Rab, Jie Zhao

1:10 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

1:15 PM
Roundtable Discussion With Audience QA

1:25 PM
Roundtable Discussion With Audience QA

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

1:40 PM
Roundtable Discussion With Audience QA

1:45 PM
TCT 32: ConfidentHTTM System Diagnostic Electrical Mapping of Renal Nerves for Optimizing Renal Denervation Procedures
Lecturers: Yehuda Zadok

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
Accreditation: CME,MOC

1:00 PM
Hypertension and Renal Denervation
Moderators: Melvin D. Lobo, Ivo Petrov
Discussants: Mohammad El Tahlawi, Richard R. Heuser, Piotr Jankowski, Vasilios Papademetriou, Kintur Sanghvi, Konstantinos P. Tsoufis, Joachim Weil

1:00 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

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
Accreditation: MOC,CME

1:00 PM
Novel Structural Heart Disease Therapies
Moderators: Eric Eeckhout, Glenn Van Langenhove
Discussants: Steven L. Almany, Igor F. Palacios, Fabien Praz, Stephen R. Ramee, 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 Cercle 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

1:45 PM
Roundtable Discussion With Audience QA
**ORAL ABSTRACTS: TAVR PIVOTAL TRIALS**

**FRIDAY, SEPTEMBER 21, 2018**

1:00 PM - 2:00 PM

**TAVR Pivotal Trials**

Moderators: Charles J. Davidson, Jeffrey J. Popma
Discussants: Daniel J. Blackman, Pablo Lamelas, Michael J. Reardon, Kimberly A. Skeldon, Konstantinos Spargias, Corrado Tamburino, 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: CORONARY ARTERY SURGERY**

**FRIDAY, SEPTEMBER 21, 2018**

2:00 PM - 3:00 PM

**Coronary Artery Surgery**

Moderators: John D. Puskas, Alfredo Trento
Discussants: Joseph E. Bavaria, Stephan M. Ensminger, Stuart J. Head, Wilson Y. Szeto, 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: 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

**ORAL ABSTRACTS: BIORESORBABLE VASCULAR SCAFFOLDS**

**FRIDAY, SEPTEMBER 21, 2018**

2:00 PM - 3:00 PM

**Bioresorbable Vascular Scaffolds**

Moderators: Antonio L. Bartorelli, David G. Rizik
Discussants: Olivier F. Bertrand, Salvatore Brugalaetta, Graham A. Cassel, Bernardo Cortese, Stephen G. Ellis, Stefan Harb, Yasuhiro Honda

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 Bioresorption 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  
BIOSOLE 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: CT-FFR, QFR, AND OCT-FFR**

**FRIDAY, SEPTEMBER 21, 2018**

2:00 PM - 3:00 PM  
**CT-FFR, QFR, and OCT-FFR**  
Moderators: Javier Escaned, Tim P. Van de Hoef  
Discussants: Yaron Almagor, Niels R. Holm, Sreenivas Arramraju 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 Fukuda  

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: NEW TAVR DEVICES**

**FRIDAY, SEPTEMBER 21, 2018**

2:00 PM - 3:00 PM  
**New TAVR Devices**  
Moderators: David Hildick-Smith, Martin B. Leon  
Discussants: Haim Danenberg, Samir R. Kapadia, Joachim Schofer, Didier Tchetche  

2:00 PM  
**TCT 41: Acute and Six month Outcomes of a Novel Self Expanding Transcatheter Heart Valve**  
Lecturers: Ulrich Schäfer  

2:10 PM  
**Roundtable Discussion With Audience QA**  

2:15 PM  
**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 The EXCEL and SYNTAX Randomized Trials**  
Lecturers: Hendrik Treede  

2:25 PM  
**Roundtable Discussion With Audience QA**  

2:30 PM  
**TCT 43: First In Human Experience of a Novel Transradial Device for Embolic Deflection During Transcatheter Aortic Valve Replacement**  
Lecturers: Andrejs Erglis  

2:40 PM  
**Roundtable Discussion With Audience QA**  

2:45 PM  
**TCT 44: Predictors of Procedural and Clinical Outcomes in Patients with Symptomatic Tricuspid Regurgitation Undergoing Transcatheter Edge to Edge Repair**  
Lecturers: Philipp Lurz

**ORAL ABSTRACTS: MITRALCLIP STUDIES**

**FRIDAY, SEPTEMBER 21, 2018**

2:00 PM - 3:00 PM  
**MitralClip Studies**  
Moderators: Eric A. Cohen, Brij Maini  
Discussants: Bruce Bowers, John D. Carroll, Rajeev Narayan, Mark J. Ricciardi, Carlos E Sanchez, Neil J. Weissman

2:00 PM  
**Roundtable Discussion With Audience QA**  

2:05 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  

2:10 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  

2:15 PM  
**TCT 46: Mitral Valve Gradient Heart Failure Admissions and One Year Mortality Following MitraClip Repair in 5378 Patients: Results from the ACCSTS TVT Registry**  
Lecturers: Lowie Van Assche  

2:20 PM  
**Roundtable Discussion With Audience QA**  

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

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

2:57 PM  
**TCT 49: Quality of Life Outcomes after Transcatheter Mitral Valve Repair in an Unselected Population. A Report from the STSACC TVT RegistryTM**  
Lecturers: Suzanne V. Arnold  

3:00 PM  
**Roundtable Discussion With Audience QA**  

3:05 PM  
**TCT 50: Mitral Valve Gradient Heart Failure Admissions and One Year Mortality Following MitraClip Repair in 5378 Patients: Results from the ACCSTS TVT Registry**  
Lecturers: Lowie Van Assche  

3:10 PM  
**Roundtable Discussion With Audience QA**  

3:15 PM  
**TCT 51: Longitudinal Adaption Of High Risk Patients Surviving Five Years After Successful MitraClip Implantation**  
Lecturers: Eike Tigges  

3:25 PM  
**Roundtable Discussion With Audience QA**  

3:30 PM  
**TCT 52: Predictors of Procedural and Clinical Outcomes in Patients with Symptomatic Tricuspid Regurgitation Undergoing Transcatheter Edge to Edge Repair**  
Lecturers: Philipp Lurz

3:37 PM  
**Roundtable Discussion With Audience QA**  

3:40 PM  
**TCT 53: Quality of Life Outcomes after Transcatheter Mitral Valve Repair in an Unselected Population. A Report from the STSACC TVT RegistryTM**  
Lecturers: Suzanne V. Arnold  

3:45 PM  
**Roundtable Discussion With Audience QA**  

3:50 PM  
**TCT 54: Mitral Valve Gradient Heart Failure Admissions and One Year Mortality Following MitraClip Repair in 5378 Patients: Results from the ACCSTS TVT Registry**  
Lecturers: Lowie Van Assche  

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

4:00 PM  
**TCT 55: Longitudinal Adaption Of High Risk Patients Surviving Five Years After Successful MitraClip Implantation**  
Lecturers: Eike Tigges  

4:10 PM  
**Roundtable Discussion With Audience QA**  

4:15 PM  
**TCT 56: Predictors of Procedural and Clinical Outcomes in Patients with Symptomatic Tricuspid Regurgitation Undergoing Transcatheter Edge to Edge Repair**  
Lecturers: Philipp Lurz
ORAL ABSTRACTS: PULMONARY ARTERY INTERVENTION

FRIDAY, SEPTEMBER 21, 2018
2:00 PM - 3:00 PM
Pulmonary Artery Intervention
Moderators: Shao-Liang Chen, Mitchell Weinberg
Discussants: Riyaz Bashir, Andrew J. Klein, Peter P. Monteleone, Alex M. K. Rothman, Amrit Segev, Akhilesh K. Sista

2:00 PM
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

2:10 PM
Roundtable Discussion With Audience QA

2:15 PM
TCT 58: Cryoablation method for Pulmonary Artery Sympathetic Denervation in Patients with Chronic Heart Failure and Pulmonary Hypertension
Lecturers: Boris Rudenko

2:25 PM
Roundtable Discussion With Audience QA

2:30 PM
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

2:40 PM
Roundtable Discussion With Audience QA

2:45 PM
TCT 60: Stent Treatment of Branch Pulmonary Artery Stenosis in Children With Congenital Heart Disease After Cardiac Surgery
Lecturers: Saule Kadirova

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
Cardiogenic Shock and Hemodynamic Support
Moderators: Biswajit Kar, Simon Redwood
Discussants: Amr Abbas, Ramesh K. Adiraju, Mirvat Alasnag, M. Nicholas Burke, Maurizio Menichelli, Vincent J. Pompili, Fayaz Showl

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: Devaraj Sukul

3:10 PM
Roundtable Discussion With Audience QA

3:15 PM
TCT 82: Race based Disparities in the Management and Outcomes of Cardiogenic Shock Complicating Acute Myocardial Infarction: A 15 Year National Study
Lecturers: Sarachandra 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

ORAL ABSTRACTS: VULNERABLE PLAQUES AND VULNERABLE PATIENTS

FRIDAY, SEPTEMBER 21, 2018
2:00 PM - 3:00 PM
Vulnerable Plaques and Vulnerable Patients
Moderators: John A. Ambrose, Farouc A Jaffer
Discussants: Kalpa De Silva, Uzoma Ibebuogu, Ulf Landmesser, 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 Rodeger

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 Al'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: CEREBRAL VASCULAR EVENTS IN TAVR PATIENTS**

**FRIDAY, SEPTEMBER 21, 2018**

3:00 PM - 4:00 PM
Room 26A-B, Upper Level
Accreditation: CME,MOC

**Cerebral Vascular Events in TAVR Patients**
Moderators: Alex Chebl, Alexandra J. Lansky
Discussants: Ronak Delewi, 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 Thinning and Structural Valve Degeneration
Lecturers: Stephanie Sellars

3:10 PM Roundtable Discussion With Audience QA

Lecturers: Chetan Hudak

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: Wienke 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

**ORAL ABSTRACTS: INTERVENTIONAL TREATMENT OF DISEASES OF THE AORTA**

**FRIDAY, SEPTEMBER 21, 2018**

3:00 PM - 4:00 PM
Room 27A-B, Upper Level
Accreditation: CME,MOC

**Interventional Treatment of Diseases of the Aorta**
Moderators: Jacques Busquet, Virendra I Patel
Discussants: Costantino Del Giudice, Kendra J. Grubb, Zaza Kavteladze, Hugo F. Londero, Kazuo Shimamura

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

**ORAL ABSTRACTS: CTO INTERVENTION**

**FRIDAY, SEPTEMBER 21, 2018**

3:00 PM - 4:00 PM
Room 28D-E, Upper Level
Accreditation: CME,MOC

**CTO Intervention**
Moderators: Kevin J. Croce, Dimitri Karmpaliatis
Discussants: David F. Kong, Pablo Lamelas, Elmir Omerovic, Peng Qu, Dmitry Stolyarov, Zhibing Wang, Zheng Zhang

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 Succesful Endovascular Interventions in Takayasu Arteritis involving Aorta and Aortic Arch Vessels
ORAL ABSTRACTS: INTRAVASCULAR IMAGING

FRIDAY, SEPTEMBER 21, 2018
3:00 PM - 4:00 PM
Intravascular Imaging
Moderators: R. Stefan Kiesz, Guillermo Tearney
Discussants: Adriana Caixeta, Bill D. Gogas, Massimo Napodano, Francesco Prati, Peng Qu, Jie Zhao

3:00 PM 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

3:25 PM Roundtable Discussion With Audience QA

3:30 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

3:40 PM Roundtable Discussion With Audience QA

3:45 PM TCT 67: Post Stent OCT vs IVUS Predictors of 2 Year Outcomes
Lecturers: Xiao Wang

3:55 PM Roundtable Discussion With Audience QA

ORAL ABSTRACTS: TRICUSPID VALVE INTERVENTION

FRIDAY, SEPTEMBER 21, 2018
3:00 PM - 4:00 PM
Tricuspid Valve Intervention
Moderators: Rebecca T. Hahn, Jose Luis Navia, Maurizio Taramasso
Discussants: Roger J. Laham, Christopher U. Meduri, Fabien Praz, 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
**TCT 74: SCOUT Study: Trial results at 30 days from combined US and EU cohort for the treatment of functional TR**
Lecturers: Christopher U. Meduri

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

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

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

**TCT 100: Emergency TAVR for Cardiogenic Shock Right Heart Function and Early Mechanical Circulatory Support Improve Outcomes**
Lecturers: Creighton Don

**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

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

**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

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

**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: Sameer Gafoor, David R. Holmes Jr.
Discussants: Philipp Blanke, Somjot S. Brar, Anibal A. Damonte, Nabil Farag, Habib Gamra, George S. Hanzel, Jan Kovac
New Intracoronary Physiology Techniques and Studies
Moderators: Ziad A. Ali, Justin E. Davies
Discussants: Sorin J. Brener, Joost Daemen, Thomas Engström, 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 Reserveinstantaneous 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

ORAL ABSTRACTS: LOWER EXTREMITY INTERVENTION

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

4:00 PM  Lower Extremity Intervention
Moderators: J. Michael Bacharach, Tony Das

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 Infrapopliteal 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

ORAL ABSTRACTS: PHARMACOTHERAPY IN PATIENTS UNDERGOING PCI

FRIDAY, SEPTEMBER 21, 2018
4:00 PM - 5:00 PM
Room 318-C, Upper Level
Accreditation: CME,MOC

4:00 PM  Pharmacotherapy in Patients Undergoing PCI
Moderators: George D. Dangas, Germano Di Sciascio
Discussants: Hitinder S. Gurm, Yaling Han, Javad Iqbal, Michelle O'Donoghue, Michael P Savage, Georgios J. Vlachojannis

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

4:55 PM  Roundtable Discussion With Audience QA
Primary PCI Strategies in AMI Patient
Modifiers: David A. Cox, Dariusz Dudek
Discussants: Larry S. Dean, Dmitriy N. Feldman, Jorge Gaspar, Jinchen Guo, Timothy D. Henry, Jean-François Tanguay, Stuart Watkins

9:55 AM Roundtable Discussion With Audience QA
10:00 AM Primary PCI Strategies in AMI Patient
9:55 AM 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
9:55 AM TCT 52: Intravascular Imaging guided Urgent Percutaneous Coronary Intervention for Acute Myocardial Infarction and Long term 3 years Prognosis: A Land Mark Analysis of J MINUET
Lecturers: Hiroyuki Okura
9:55 AM Roundtable Discussion With Audience QA
10:00 AM Case Introduction: A Patient with Atypical Chest Pain and Shortness of Breath
Lecturers: George W. Vetrovec
10:10 AM Assessment of the Patient
Lecturers: Marsha Holton
10:20 AM Right Heart Catheterization Matched with Interactive Cadaver Heart Dissection
Lecturers: Robert Kutys, Brij Maini
10:35 AM Medications for Diagnostic Cardiac Catheterization
Lecturers: Mary K. Egan
10:45 AM Roundtable Discussion With Audience QA
10:50 AM Stent Selection and Technique
Lecturers: David P. Lee, George W. Vetrovec
11:00 AM Coronary Angiography with Interactive Cadaver Heart Dissection
Lecturers: Robert Kutys, George W. Vetrovec
11:15 AM Devices for PCI Wires Balloons Stents FFR Imaging
Lecturers: David P. Lee
11:30 AM Left Heart Catheterization with Interactive Cadaver Heart Dissection
Lecturers: Robert Kutys, Brij Maini
11:45 AM Medications for PCI
Lecturers: Mary K. Egan
12:00 AM Case Introduction: Symptoms Suggestive of Aortic Stenosis
Lecturers: Paul D. Mahoney
12:15 PM Fundamental Knowledge: Aortic Valve Anatomy with Interactive Cadaver Heart Dissection
Lecturers: Robert Kutys, Dmitry B. Levin
12:30 PM Hemodynamics of Aortic Stenosis and Valve Calculations
Lecturers: Jeff Davis
12:45 PM Interpretation of Hemodynamic CT and Echo Data for TAVR Clinical Decision Making
Lecturers: Anne Tavenier
1:00 PM 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

11:45 AM
Hands on Hearts Demonstration

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 - 5:00 PM
Room 28A-C, Upper Level
Accrediation: CME,ASRT,MOC,CNE

1:00PM - 1:10 PM
Session I: Introduction
Moderators: Marian C. Hawkey
Co Moderator: Martina Kelly Speight

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

1:05 PM Announcement: Introducing the Cath Lab Forum
Lecturers: Martina Kelly Speight

1:10PM - 1:55 PM
Session II: Complex PCI
Moderators: Thomas H. Maloney
Discussants: Russell J. D’Sa, Regina Deible, Marianna Garcia

1:10 PM Complex PCI Case Introduction
Case Presenter: Paul D. Mahoney

1:15 PM The CHIP Team
Lecturers: Marianna Garcia

1:25 PM The CHIP Toolkit Techniques Imaging Equipment Troubleshooting
Lecturers: Russell J. D’Sa

1:40 PM Complex PCI Case Conclusion
Case Presenter: Paul D. Mahoney

1:45 PM Roundtable Discussion with Audience QA

1:55 PM - 2:40 PM
Session III: Left Atrial Appendage Closure with the Watchman Device
Moderators: Martina Kelly Speight
Discussants: Asma Hussaini, David P. Lee, Elizabeth M. Perpetua

2:00 PM
Anatomical Considerations for Patient Selection
Lecturers: Asma Hussaini

2:10 PM Overview of the Watchman Procedure and Complications
Lecturers: David P. Lee

2:25 PM Case Conclusion
Lecturers: Elizabeth M. Perpetua

2:30 PM Roundtable Discussion with Audience QA

2:40 PM - 3:25 PM
Session IV: Transcatheter Aortic Valve Replacement
Moderators: Sarah Clarke
Discussants: Kim Guibone, Marian C. Hawkey, Sandra Lauck

2:40 PM Case Introduction: Aortic Stenosis
Case Presenter: Sarah Clarke

2:45 PM Current Indications and Guidelines for TAVR
Lecturers: Kim Guibone

2:55 PM Individualizing the Patient Care Pathway
Lecturers: Sandra Lauck

3:10 PM Case Conclusion
Case Presenter: Sarah Clarke

3:15 PM Roundtable Discussion with Audience QA

3:25 PM - 4:10 PM
Session V: Peripheral Intervention
Moderators: Michelle Maier
Discussants: Julie Logan, Sameer Nagpal, Samit Shah

3:25 PM Case Introduction: Critical Limb Ischemia
Case Presenter: Michelle Maier

3:30 PM What Is CLI and How Do We Prevent It
Lecturers: Samit Shah

3:40 PM What are the Treatments for CLI
Lecturers: Sameer Nagpal

3:55 PM Case Conclusion
Case Presenter: Michelle Maier

4:00 PM Roundtable Discussion with Audience QA

4:10 PM - 5:00 PM
Session VI: What Else is Going on in the Cath Lab?
Moderators: Regina Deible
Discussants: Kate Dalton, Allen Jeremias, Julie Logan

4:10 PM Update on iFR and FFR
Lecturers: Julie Logan

4:20 PM Update on Current Imaging Modalities: IVUS vs OCT vs NIRS
Lecturers: Allen Jeremias

4:30 PM Update on Vascular Access Selection: Radial vs Femoral
Lecturers: Mary K. Egan

4:40 PM Update on Clinical Research in the Cath Lab
REGIONAL SESSIONS

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
Accrediation: CME,MOC

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/ACOTS 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, Felix Mahfoud, Georg Nickenig, Thomas Pilgrim, Lars Søndergaard

10:00 AM  Durability of Transcatheter Heart Valves
Lecturers: Stephan Windecker

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

10:12 AM  Stroke Prevention Strategies in TAVR

10:18 AM  Antithrombotic Therapy in Patients Undergoing TAVR
Lecturers: Axel Linke

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 Deneration: 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
Accrediation: CME,MOC

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, Jorge Cortes Lawrenz, Anibal A. Damonte, Efrain Gaxiola, Alfaro Marchena, Henrique B. Ribeira

REGIONAL SNAPSHOT MEETING: THE BEST OF INTERVENTION FROM CHINA
FRIDAY, SEPTEMBER 21, 2018
1:00 PM - 3:00 PM
Room 24A-B, Upper Level
Accrediation: CME,MOC

1:00PM - 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

Session II. Complex and High-Risk PCI: Case-Based Discussions

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

Session II. Coronary Imaging and Physiologic Assessment

3:00 PM  OCT Guided PCI In Daily Clinical Practice: Strategy Based on ILUMIEN III
Lecturers: Ziad A. Ali
3:30 PM  Roundtable Discussion With Audience QA
3:50 PM  OCT Guided Bifurcation PCI
Case Presenter: Takashi Kubo
4:00 PM  Roundtable Discussion With Audience QA
4:05 PM  Diffuse and Tandem Lesion Treatment by Physiology Guidance
Case Presenter: Hitoshi Matsuo
4:13 PM  Physiology Guided PCI Optimization: Use of Physiology During and After PCI
Case Presenter: Hitoshi Matsuo
4:23 PM  Roundtable Discussion With Audience QA

Session III. Endovascular Intervention

3:00 PM  The Latest Strategies for CTO in Japanese Fashion
Lecturers: Makoto Sekiguchi
3:12 PM  Role of Debubbling in the Era of DES
Lecturers: Hisayuki Okada
3:24 PM  DRAP Distal Radial Artery Puncture: Should We Shift to It from Radial Artery
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: Akiko Maehara, Hitoshi Matsuo
Discussants: Javier Escaned, Shoichi Kuramitsu, Hidetaka Nishina, Shigeru Saito

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  Diffuse and Tandem Lesion Treatment by Physiology Guidance
Lecturers: Hidetaka Nishina
4:13 PM  Physiology Guided PCI Optimization: Use of Physiology During and After PCI
Lecturers: Hitoshi Matsuo
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, Mehdi H. Shishehbor, Yoshimitsu Soga

4:30 PM  IVUS Guided Recanalization for the Infragenual Chronic Total Occlusions
Lecturers: Daizo Kawasaki
4:37 PM  Roundtable Discussion With Audience QA
4:40 PM  Drug Solutions in Peripheral Intervention
Lecturers: Yoshimitsu Soga
4:47 PM  Roundtable Discussion With Audience QA
4:50 PM  Evolution of SFA Intervention in the Last Decade: The Retrospective Multicenter MK3 Study
Lecturers: Masahiko Fujihara
4:57 PM  Roundtable Discussion With Audience QA
SPECIAL SESSIONS

ABCS OF INTERVENTIONAL CARDIOLOGY

FRIDAY, SEPTEMBER 21, 2018
8:00 AM - 12:00 PM
Room 28D-E, Upper Level
Accreditation: CME,CNE,MOC,ASRT

8:00 AM - 9:15 AM
Session I. Basics of Cardiac Anatomy and Angiography
Moderators: George D. Dangas, John M. Lasala
Discussants: Ricardo A. Costa, Hemal Gada, Alexandra J. Lansky, Verghese Mathew, Miodrag C. Ostojic, Tanveer Rab

8:00 AM
Overview of Cardiac Valvular and Coronary Anatomy
Lecturers: Vijay Kunadian

8:12 AM
Roundtable Discussion With Audience QA

8:15 AM
Vascular Access Routes Complications and Vascular Rescue
Lecturers: Jose M. Wiley

8:27 AM
Roundtable Discussion With Audience QA

8:30 AM
Coronary Angiography: Setup Views Artifacts and Pitfalls
Lecturers: Verghese Mathew

8:42 AM
Roundtable Discussion With Audience QA

8:45 AM
Intravascular Imaging: Core Concepts of IVUS OCT NIRS and More
Lecturers: Gary S. Mintz

8:57 AM
Roundtable Discussion With Audience QA

9:00 AM
Right and Left Heart Hemodynamic Support Options
Lecturers: John M. Lasala

9:12 AM
Roundtable Discussion With Audience QA

9:15 AM - 10:30 AM
Session II. Overview of Cardiovascular Disease and Treatment
Moderators: David A. Cox, Henning Kelbaek
Discussants: Vasim Farooq, Aloke V. Finn, Grzegorz L. Kaluza, Elvin Kedhi, Afzalur Rahman, Elias Sanidas

9:15 AM
Coronary Artery Disease: Pathology and Pathogenesis
Lecturers: Grzegorz L. Kaluza

9:27 AM
Roundtable Discussion With Audience QA

9:30 AM
Coronary Physiology: FFR and iFR
Lecturers: Allen Jeremias

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. Claessen, 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: Jasvinder 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

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
Faculty: Rita Birchard, Rebecca T. Hahn, Marlan C. Hawkey, Ryan Kaple, MD, Omar K. Khalique, James M. McCabe, M. Andrew Morse, MD, Tamim Nazif, Mark J. Russo, Rahul Sharma, Torsten P. Vahl
<table>
<thead>
<tr>
<th>Time</th>
<th>Session Title</th>
<th>Lecturers/Authors</th>
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<tbody>
<tr>
<td>8:00</td>
<td>Welcome and Introduction</td>
<td>Rita Birchard</td>
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<tr>
<td>8:15</td>
<td>Valve Clinic Structure and Patient Screening</td>
<td>Marian C. Hawkey</td>
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<td>8:45</td>
<td>Echocardiography for TAVR</td>
<td>Rebecca T. Hahn</td>
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<td>9:15</td>
<td>CT Imaging for TAVR</td>
<td>Torsten P. Vahl</td>
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<td>9:45</td>
<td>Break</td>
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<td>10:00</td>
<td>Transfemoral Procedure: Device Overview and Case Review</td>
<td>Tamim Nazif</td>
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<td>11:00</td>
<td>Case Study Panel: Complex Cases and Complications - Alternative Access</td>
<td>John K. Forrest, James M. McCabe, Mark J. Russo, Rahul Sharma</td>
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<td>Complex Cases and Challenges</td>
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<td>12:30</td>
<td>Break and Lunch</td>
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<td>1:00</td>
<td>Hands on Workshops: Room 31A - CT Workstation Echo Workstation Procedure</td>
<td>Omar K. Khalique, M. Andrew Morse, MD</td>
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<td>3:15</td>
<td>Break</td>
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<td>3:30</td>
<td>Panel Discussion: Transitioning to a TAVR Center</td>
<td>Mark J. Russo</td>
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<td>4:15</td>
<td>TAVR Evolution and PARTNER Data Overview</td>
<td>Mark J. Russo</td>
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**TCT ENDOVASCULAR**

**TCT ENDOVASCULAR: CONTROVERSES AND COMPLEX DECISION-MAKING IN VASCULAR DISEASE**

**FRIDAY, SEPTEMBER 21, 2018**

8:00 AM - 10:58 AM

**Session I: SFA and Popliteal Therapies**

Moderators: Gary M. Ansel, Ehrin J. Armstrong
Discussants: Mohammad Mehdi Ansari, George S Chrysant, Eric J. Dippel, Beau Hawkins, Sahil A. Parikh, 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: Ehrin J. Armstrong

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

9:15 AM  How to Treat Long Calcified SFA Lesions
Lecturers: Sahil A. Parikh

9:23 AM  Will Adjunctive Atherectomy Improve the Outcomes of Drug Coated Balloons in Complex SFA Lesions
Lecturers: Mehdi H. Shishehbor

9:31 AM  Roundtable Discussion - Calcified SFA Lesions

9:40 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 Shamas

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: Philip Green

10:39 AM  Debate: Common Femoral Artery Lesions Can Be Treated with Endovascular Techniques
Lecturers: George S Chrysant

10:44 AM  Debate: Common Femoral Artery Disease Should be Treated Surgically
Lecturers: Virendra I Patel

10:49 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
Discussants: Robert M. Bersin, Rahul S. Patel, Craig M. Walker
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 Endovascular Management of Acute Mesenteric Ischemia
Lecturers: Rahul S. Patel

11:35 AM Patient and Procedure Selection for Chronic Mesenteric Ischemia to Optimize Outcomes
Lecturers: Virendra I. Patel

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: S. Jay Mathews

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: Rahul S. Patel

12:28 PM Case Presentation: Complex Endograft FEVAR
Case Presenter: Virendra I Patel

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, S. Jay Mathews, John Moriarty, Rahul S. Patel, Gregory Piazza

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: Rahul S. Patel

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

2:32PM - 4:10 PM Session IV. Acute and Chronic Cerebrovascular Disease Therapies
Moderators: Aman B. Patel, Kenneth Rosenfield
Discussants: Matthew Koch, Demetrius Lopes, Charles Matouk, Stephen R. Ramee, Adnan Siddiqui, Scott Silverman

2:32 PM Carotid Artery Disease Access: Femoral Radial and Direct Carotid Techniques
Lecturers: Mohammad Ali Aziz-Sultan, Karen Chen, MD

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: Alexander A. Khalesi

2:56 PM Carotid Artery Disease Patient Selection: Impact of Plaque Morphology and Advanced Imaging Options
Lecturers: Charles Matouk

3:04 PM Carotid Artery Stenting: Synthesizing the Current Randomized Trial Evidence
Lecturers: Herbert D. Aronow

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: Scott Silverman

3:29 PM Logistics of Stroke Care: Requirements of an Effective Care System
Lecturers: Mohammad Ali Aziz-Sultan, Karen Chen, MD

3:37 PM Thrombectomy Techniques: Aspiration vs. Stent Retriever
Lecturers: Aman B. Patel

3:47 PM Edges of Patient Selection for Stroke Thrombectomy: Low NIHSS and Large Core
Lecturers: Demetrius Lopes, Adnan Siddiqui

3:57 PM Roundtable Discussion Future of Stroke Care

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

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: Robert S. Schwartz, Giuseppe Tarantini
Discussants: Fernando Alfonso, Antonio Colombo, Francesco Prati, Asif Qasim, Carlos E. Uribe, Wojtek Wojakowski

8:00 AM  Featured Lecture: Innovation in Percutaneous Coronary Intervention: Remaining Clinical Needs Challenges and Opportunities
Lecturers: Antonio Colombo

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

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 Bioresorbable Peripheral Scaffold System in Subjects with Critical Limb Ischemia Disease due to De Novo Lesions Meril

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: Ulrich P. Jorde, John M. Lasala
Discussants: Grzegorz L. Kaluzo, Navin K. Kapur, 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
Discussants: Peter J. Fitzgerald, Chaim S. Lotan, Ken Persen, Asif Qasim, Lonny Reisman, Wojtek Wojakowski

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: Dariusz Dudek, Ran Kornowski, Axel Linke  
Discussants: Hemal Gada, Isaac George, Adam B. Greenbaum, Giuseppe Tarantini, Wojtek Wojakowski

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  
Lecturers: Ralph Stephan von Bardeleben

5:19 PM  Moderated Discussion With QA

**SATELLITE SPECIAL SESSION**

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

12:50 PM  The Methods for Translational Mitral/Tricuspid Valve Development  
Lecturers: Michael J. Mack

1:05 PM  The Endpoints for Translational Mitral/Tricuspid Valve Development  
Lecturers: Blase A. Carabello

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: Robert Benton, Donald Cutlip, Nabil Dib, Neal Fearnott, 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

3:35 PM - 4:25 PM  
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 R 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  
Discussants: Keith Aaronson, Lori Ashby, Jeroen J. Bax, Blase A. Carabello, Andrew Farb, Alice K. Jacobs, Chris Mullin, Douglas Packer, Stan Rowe, Roseann M White

**CHALLENGING CASES**

**FRIDAY NIGHT SOCIAL: FEATURING CHALLENGING CASES & POSTER ABSTRACTS**

**FRIDAY, SEPTEMBER 21, 2018**

5:00 PM - 7:00 PM  
East Side Foyer, Upper Level (outside Rooms 20-33)

**SATURDAY, SEPTEMBER 22, 2018**

**BREAKFAST PROGRAMS**

**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 300-E, Upper Level

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

7:00AM - 8:00AM  
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 Mariana Palena, Ramon L Varcoe

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

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

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

7:24AM  Moderated Discussion

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

7:36AM  Moderated Discussion

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

7:48AM  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

BREAKEFAST 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

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

BREAKEAST 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 23B-C, Upper Level

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

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

7:10 AM  The Coronary that Spiraled Out of Control
Lecturers: James B. Hermiller Jr

7:25 AM  Discussion

7:30 AM  The Coronary Perforation Nightmare
Lecturers: Dimitri Karmpaliotis

7:40 AM  Discussion

7:45 AM  The Slap Dunk STEMI No Reflow and Beyond
Lecturers: David A. Cox

7:55 AM  Discussion
8:00 AM  Adjourn

BREAKEAST 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

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

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
### Renal Denervation: Trial Design Really Matters

**Chairs:** David E. Kandzari

**Faculty:** Justin E. Davies, Felix Mahfoud, Andrew Sharp

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>7:00 AM</td>
<td>Welcome</td>
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<tr>
<td>7:05 AM</td>
<td>The SPYRAL OFF and ON MEDS Program and Next Steps</td>
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<tr>
<td>7:17 AM</td>
<td>Renal Denervation in Clinical Practice: Real World Experience and</td>
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<td>Lessons Learned</td>
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<td>7:29 AM</td>
<td>What Additional Evidence I Need or Don't to Incorporate RDN into</td>
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<td>Clinical Practice</td>
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<td>7:41 AM</td>
<td>Discussion</td>
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<td>8:00 AM</td>
<td>Adjourn</td>
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### Simplify and Optimize Your PCI With Enhanced Imaging and Advanced Physiology

**Chairs:** Ziad A. Ali

**Faculty:** Joost Daemen, Morton J. Kern, Arnold Seto

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

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

**SATURDAY, SEPTEMBER 22, 2018**

**8:00 AM - 1:06 PM**

Main Arena, Hall F, Ground Level

**Accreditation:** CME, ASRT, MOC, CNE

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>8:00 AM - 9:30 AM</td>
<td>Live Cases #1</td>
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<tr>
<td></td>
<td>Live Case Moderators: Martin B. Leon, Roxana Mehran</td>
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<td>Live Case Co-Moderators: Michael J. Mack</td>
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<td></td>
<td>Live Case Discussants: Alexandre Abizaid, John K. Forrest, J. Aaron</td>
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<td>Grantham, David Hildick-Smith, Dimitri Karmapoliatis, Susheel K.</td>
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<td>Kodali, Amir Lerman, Manish A. Parikh, Michael J. Reardon, Carlos</td>
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<td>E. Uribe, R. Michael Wyman</td>
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<td></td>
<td>Factoid Faculty: Christine J. Chung, Amirali Masoumi, Megha Prasad,</td>
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<td></td>
<td>Hussein M. Rahim, Sabato Sorrentino, Eisuke Usui</td>
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<tr>
<td>8:00 AM</td>
<td>University of Washington Medical Center Regional Heart Center</td>
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<td>Seattle WA</td>
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<td>Live Case Operators: Ravi S. Hira, William L. Lombardi, James M.</td>
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<td>McCabe</td>
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<td>8:45 AM</td>
<td>Mayo Clinic Rochester MN</td>
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<td>Live Case Operators: Mackram F. Eleid, Robert Frantz, Mayra</td>
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<td>Guerrero, Chet Rihal, Gurpreet S. Sandhu</td>
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<td>9:30 AM - 9:36 AM</td>
<td>TCT 2018 - 30th Anniversary</td>
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<td>30th Anniversary</td>
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<td>Moderators: Martin B. Leon, Gregg W. Stone</td>
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<tr>
<td>9:36 AM - 10:06 AM</td>
<td>Rapid Fire Case Controversies: Coronary</td>
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<td>Moderators: Antonio Colombo, Ajay J. Kirtane</td>
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<td></td>
<td>Discussants: Didier Carrié, Junbo Ge, Michael Haude, Stuart J. Head,</td>
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<td></td>
<td>Andrzej J. Ochala, Simon Redwood, Gennaro Sardella, Terje K. Steigen</td>
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<tr>
<td>9:36 AM</td>
<td>Complex Coronary Artery Disease: PCI vs. CABG</td>
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<td>Case Presenter: Davide Copodanno</td>
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<td>9:46 AM</td>
<td>STEMI With Multivessel Disease: How To Proceed</td>
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<td>Case Presenter: Pieter C. Smits</td>
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<tr>
<td>9:56 AM</td>
<td>High Risk Elective PCI: Is Hemodynamic Support Necessary</td>
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<td>Case Presenter: David G. Rizik</td>
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<tr>
<td>10:06 AM - 10:21 AM</td>
<td>TCT 2018 Geoffrey O. Hartzler Master Operator Award</td>
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<td>Moderators: Martin B. Leon, Gregg W. Stone</td>
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<td>Award Recipients: John G. Webb</td>
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<tr>
<td>10:06 AM</td>
<td>TCT 2018 Geoffrey O. Hartzler Master Operator Award</td>
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<td>Lecturers: Martin B. Leon</td>
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</table>
10:21 AM - 11:21 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, Mahmood K. Razavi, Manel Sabate

10:21 AM IMPERIAL: A Randomized Trial of Drug Eluting Stents for Treatment of Femoropopliteal Artery Lesions
Lecturers: William A. Gray

10:33 AM Roundtable Discussion

10:41 AM BIONYX: A Randomized Trial Evaluating a Thin Composite Wire Strut Durable Polymer Based DES Compared with an Ultra Thin Strut Biodegradable Polymer Based DES in an All Comers Patient Population
Lecturers: Clements von Birgelen

10:53 AM Roundtable Discussion

11:01 AM ReCre8: A Randomized Trial Evaluating a Polymer Free Coronary Drug Eluting Stent in an All Comers Patient Population
Lecturers: Pieter R. Stella

11:13 AM Roundtable Discussion

11:21 AM - 12:06 PM
Live Cases #2
Live Case Moderators: Ajay J. Kirtane
Live Case Co Moderators: Irene M. Lang
Factoid Faculty: Christine J. Chung, Amirali Masoumi, Megeha Prasad, Sabato Sorrentino, Eisuke Usui

11:21 AM University of California San Diego San DiegoCA
Live Case Operators: Ang Lawrence, Ehtisham Mahmud, Mitul Patel, Ryan Reeves

12:06 PM - 1:06 PM
Late-Breaking Trials 2, Co-Sponsored by Circulation
Moderators: Sunil V. Rao
Co Moderator: Rob Gropler, Dharam J. Kumbhani, Roxana Mehran
Discussants: Andreas Baumbach, Donald Cutlip, David E. Kandzari, Marie-Claude Morice, Francesco Prati, Sigmund Silber, Giulio Stefanini, Philip M. Urban

12:06 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

12:18 PM Roundtable Discussion

12:26 PM SORT OUT IX: A Randomized Trial Comparing a Polymer Free Coronary Drug Eluting Stent With an Ultra Thin Strut Biodegradable Polymer Based Drug Eluting Stent in an All Comers Patient Population
Lecturers: Lisette Okkels Jensen

12:38 PM Roundtable Discussion

12:46 PM TALENT: A Randomized Trial Evaluating an Ultra Thin Strut Biodegradable Polymer Based Coronary Drug Eluting Stent in an All Comers Patient Population
Lecturers: Patrick W. Serruys

12:58 PM Roundtable Discussion

LIVE CASE THEATER

LIVE CASE THEATER I, SATURDAY, SEPT. 22

SATURDAY, SEPTEMBER 22, 2018
8:00 AM - 12:00 PM
Ballroom 20, Upper Level
Accrediation: CME,ASRT,MOC,CNE

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

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: Jan Kovac, Francesco Maisano
Live Case Co Moderators: Maurice E. Sarano
Factoid Faculty: Paul Guedeney, Aakriti Gupta, Mahesh V Madhavan, Amirali Masoumi, Masahiko Noguchi

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

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

LIVE CASE THEATER II, SATURDAY, SEPT. 22

SATURDAY, SEPTEMBER 22, 2018
2:00 PM - 6:00 PM
Ballroom 20, Upper Level
Accrediation: CME,ASRT,MOC,CNE
2:00 PM - 4:00 PM
**Session I. Live Cases: LM/Bifurc**
- Live Case Moderators: Jean Fajadet
- Live Case 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 Shlofmitz, 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, Siddharth 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 Cases: LAAC**
- Live Case Moderators: Vivek Y. Reddy
- Live Case Co Moderators: Brian K. Whisenant
- Live Case Discussants: Maurice Buchbinder, Shephal Doshi, David Hildick-Smith, Petr Neuzil, Fabian Nietlispach, Stephane Noble, Tobias Tichelbäcker, Apostolos Tzikas, Paul Vermeersch
- Factoid Faculty: Matthew T Finn, Paul Guedeney, Amirali Masoumi, Evan Shlofmitz, 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, Siddharth 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 PRESENTATION THEATER**

**KEYNOTE INTERVENTIONAL STUDIES I: ENDOVASCULAR INTERVENTIONS**

**SATURDAY, SEPTEMBER 22, 2018**
- Time: 1:00 PM - 2:00 PM
- Location: Ballroom 6A, Upper Level
- Accreditation: CME, MOC

**1:00 PM - Keynote Interventional Studies I: Endovascular Interventions**
- Moderators: Lindsay S. Machan, Craig M. Walker

**1:00 PM** IN.PACT 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

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

**SATURDAY, SEPTEMBER 22, 2018**
- Time: 3:00 PM - 4:00 PM
- Location: Ballroom 6A, Upper Level
- Accreditation: MOC, CME

**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

**3:10 PM** 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

**3:25 PM** Discussion

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

**3:40 PM** Discussion

**3:45 PM** CvLPRT: 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

**3:55 PM** Discussion

**KEYNOTE INTERVENTIONAL STUDIES III: IMAGING AND PHYSIOLOGY**

**SATURDAY, SEPTEMBER 22, 2018**
- Time: 4:00 PM - 5:00 PM
- Location: Ballroom 6A, Upper Level
- Accreditation: CME, MOC
4:00 PM - 5:00 PM
**Keynote Interventional Studies III: Imaging and Physiology**
Moderators: Nick Curzen, Nils Johnson
Discussants: Hector M. Garcia-Garcia, Massoud A. Leesar, Amir Lerman, Francesco Prati, Jennifer A. Tremmel, Tim P. Van de Hoef, Gerald S. Werner, Nick E. J. West

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

4:10 PM  Discussion

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

4:25 PM  Discussion

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

4:40 PM  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

4:55 PM  Discussion

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**INNOVATION SESSIONS**

**INTERVENTIONAL INNOVATION: SHARK TANK INNOVATION COMPETITION**

**SATURDAY, SEPTEMBER 22, 2018**

8:00 AM - 11:00 AM
Ballroom 6A, Upper Level

8:00 AM  - 11:00 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, Asif Qasim, Stanton J. Rowe

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 Todays Clinical Needs With the Future of Medical Technologies
Lecturers: Sanjeev Bhavnani

8:20 AM  Roundtable Discussion

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**DIDACTIC SESSIONS**

**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
Accrediation: CME,CNE,MOC,ASRT

8:00 AM  A Vascular Compliance Enhancing Device for Treatment of Pulmonary Arterial Hypertension: Aria CV
Lecturers: John Scandurra

8:40 AM  QA

8:50 AM  A Bioinspired Transcatheter Mitral Valve Replacement System: AValve
Lecturers: Mohammad Sarraf

9:00 AM  QA

9:10 AM  Intelligent Voice Assistant for Heart Disease Patients: Cardiocube
Lecturers: Oskar Kiwic

9:20 AM  QA

9:30 AM  Novel Transseptal Neochordal System for Precise Mitral Valve Repair: Chordart
Lecturers: Alberto Weber

9:40 AM  QA

9:50 AM  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
Lecturers: Jon H Hoem

10:00 AM  QA

10:10 AM  New System for Measurement of Pulmonary and Systemic BloodFlow and Intracardiac Shunts: Innova Medical
Lecturers: Josef Stasek

10:20 AM  QA

10:30 AM  Comprehensive Solution for Tricuspid Regurgitation and RVDysfunction: Trisol Medical
Lecturers: Giora Weisz

10:40 AM  QA

10:50 AM  Roundtable Discussion
8:45 AM - 9:45 AM
Session II. DAPT Duration and Triple Therapy
Moderators: Philip M. Urban, Robert W. Yeh
Discussants: Michael A. Kutcher, Michelle O’Donoghue, Elmir Omerovic, Manel Sabate, Daniel I. Simon, Giuseppe Tarantini

9:09 AM
Roundtable Discussion With Audience QA

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, David L Fischman, Rajiv Gulati, Dharam J. Kumbhani, Mamad Mamad

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 Positive...or 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

12:03 AM
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
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: Emmanuel S. Brilakis, Marisa Cevasco, Anthony H. Gershlick, Navin K. Kapur, Ashish Pershad

8:00 AM Defining Cardiogenic Shock: Update From the SCAIHFSA 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'Neil

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, Biswojit Kar, George W. Vetrovec

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

9:42 AM State of the Art: Device based Therapies for CHF
Lecturers: Ulrich P. Jorde

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

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: Ted Feldman

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

8:00 AM - 9:00 AM
Session I. Treatment of Bicuspid Aortic Valves (BAV)
Moderators: Joseph E. Bavaria, Horst Sievert

8:00 AM A Surgeons 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: Jonathan 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
**Session 2: Strokes and Cerebral Embolic Protection During TAVR**
Moderators: Alexandra J. Lansky, Axel Linke
Discussants: Suf Anwaruddin, Alain G. Cribier, Sammy Elmariah, Nicole Ibrahim, Jean-Claude Laborde, Joachim Schofer, Jochen Wöhrle

**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

**Session 4: Bioprosthetic Aortic Valve Failure**
Moderators: Michael J. Mack, Bernard Prendergast
Discussants: Vinayak Bapat, Davide Capodanno, Adam B. Greenbaum, Ran Kornowski, John C Laschinger, Lars Søndergaard, John G. Webb

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**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
Accreditation: CME, CNE, MOC, ASRT

**Session V. Stent Thrombosis, Restenosis, and Drug-Coated Balloons**
Moderators: Fernando Alfonso, Azeem Latib
Discussants: Hiram G. Bezerra, Michael J. Cowley, 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
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. Rapaza

- **4:19 PM** Roundtable Discussion With Audience QA

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4:34 PM - 6:02 PM

**Session VII: Active BRS Programs**

**Moderators:** Alexandre Abizaid, Ron Waksman

**Discussants:** Bill D. Gogas, Yasuhiro Hondo, 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

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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

5:44 PM

Roundtable Discussion With Audience QA
INDICATIONS, AND DEVICES

DIDACTIC SESSION: PFO CLOSURE - EMERGING EVIDENCE, INDICATIONS, AND DEVICES
SATURDAY, SEPTEMBER 22, 2018
2:00 PM - 6:20 PM
Room 1, Upper Level
Accreditation: CME,CNE,MOC,ASRT

Session I. Evidence for PFO Closure and Global Practices
Moderators: Teiji Akagi, John D. Carroll
Discussants: Lee N. Benson, Stefan C. Bertag, Clifford J. Kavinsky, David W.M. Muller, Francesco Pelliccia, A.J. Conrad C. Smith

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 U.S.
Lecturers: Richard Smalling

2:47 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

2:58 PM - 4:02 PM
Session II. Patient Selection for PFO Closure: Evidence-Based and Judgment-Based
Moderators: Michael J. Mullen, David E. Thaler
Discussants: Joseph P. Carrozza Jr, Ted Feldman, Craig E Fleishman, David Hildick-Smith, Jacqueline Saw, Jochen Wöhle

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
Lecturers: John D. Carroll

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, Franz X. Kleber, Lars Søndergaard

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: Eustaquia 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
Lecturers: Lars Søndergaard

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
DIDACTIC SESSION: PULMONARY HYPERTENSION AND ACUTE CHRONIC PULMONARY EMBOLI THERAPIES

SATURDAY, SEPTEMBER 22, 2018
2:00 PM - 6:00 PM
Room 25A-B, Upper Level
Accreditation: CME, ASRT, MOC, CNE

2:00 PM - 3:30 PM
Session I. Group I - Pulmonary Arterial Hypertension
Moderators: Ori Ben-Yehuda, Jay S. Giri
Discussants: Teresa L. Carman, Shao-Liang Chen, Chung-Ho Hsu, Irene M. Lang, Alex M. K. Rothman, Harsimran Sachdeva Singh

2:00 PM Overview of Group I Pulmonary Hypertension
Lecturers: Ori Ben-Yehuda

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 Thromboendarterectomy 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: Vikas Aggarwal

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
Accreditation: CME, CNE, MOC, ASRT

2:00 PM - 3:00 PM
Session S: Policy Controversies on Aortic Valve Replacement Therapy Patient Access, Volume Thresholds, and Parity
Moderators: Robert O. Bonow, Michael J. Mack
Discussants: Joseph E. Bavaria, Aaron Horne, Jr., Martin B. Leon, Patrick T. O’Gara, Mark J. Russo, Susan Strong, Carl L. Tommaso, Larry L. Wood

3:00 PM 3:30 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, Mathew Williams
### Session 7. TAVR World Cup at TCT - Clinical Case Challenges

**Moderators:** Tamim Nazif, Torsten P. Vohl  
**Discussants:** Saif Anwaruddin, Anita Asgar, Vasilis Babliaros, Marco Barbanti, Colin M. Barker, John K. Forrest, Kendra J. Grubb, David A. Wood

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<th>Time</th>
<th>Event</th>
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| 8:00 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 |

### Session 8. TAVR World Series - The Best of the Rest!

**Moderators:** Susheel K. Kodali, Vinod H. Thourani  
**Discussants:** David J. Cohen, Jean Michel Paradis, Ramon Quesada, Richard Smalling, Gilbert H.L. Tang, Hendrik Treede, Alan Zajarias

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| 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 3: Discussion of Strategies |
| 10:55 AM | Case 3 Conclusion: CLI  
**Case Presenter:** Ehrin J. Armstrong |

### 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

<table>
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<th>Event</th>
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| 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 |

### TCT ENDOVASCULAR: EXPERT CASE REVIEWS - CAROTID AND VERTEBRAL INTERVENTIONS

**Moderators:** Ehrin J. Armstrong, Douglas E. Drachman, Mehdi H. Shishehbor  
**Discussants:** Herbert D. Aronow, J. Michael Bacharach, Danielle Bajakian, Andrew J. Klein, Khusrow Niazi

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**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 3: Discussion of Strategies |
| 10:55 AM | Case 3 Conclusion: CLI  
**Case Presenter:** Ehrin J. Armstrong |
**TCT ENDOVASCULAR: EXPERT CASE REVIEWS - SFA, POPLITEAL, AND BELOW THE KNEE INTERVENTION**

**SATURDAY, SEPTEMBER 22, 2018**

12:15 PM - 1:45 PM  
**Expert Case Reviews: SFA, Popliteal, and Below the Knee Intervention**  
Moderators: Herbert D. Aronow, Brian G. DeRubertis  
Discussants: Philip Green, Osamu Iida, Andrew J. Klein, Arthur C. Lee, Matthew T. Menard, 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: Aravinda Nanjundappa

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: Luis Mariano Palena

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  
**Critical Limb Ischemia Deep Dive**  
Moderators: Ehrin J. Armstrong, Sahil A. Parikh  
Discussants: Masahiko Fujihara, Matthew T. Menard, Luis Mariano Palena, Nicolas W Shammas, Ramon L Varco

2:00 PM  
Critical Limb Ischemia: Cell Based and Biologic Therapies for Critical Limb Ischemia  
Lecturers: Ehrin J. Armstrong

2:10 PM  
Adventitial Drug Therapy for Treatment of Critical Limb Ischemia  
Lecturers: Peter A. Soukas

2:18 PM  
How to Optimize Success in Crossing Tibial Occlusions  
Lecturers: Larry J. Diaz-Sandoval

2:26 PM  
Role of Atherectomy in Treating Tibial Vessels: Case Examples and Data  
Lecturers: Nicholas W Shammas

2:39 PM  
Multidisciplinary Care in CLI: How Do We Accomplish It  
Lecturers: Michael R. Jaff

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: George L. Adams

3:01 PM  
Roundtable Discussion: Optimizing Outcomes of Tibial Interventions  
Lecturers: Ehrin J. Armstrong

3:06 PM  
Multidisciplinary Care of CLI  
Lecturers: Schuyler Jones

3:14 PM  
How the Best CLI Trial Will Change Clinical Practice  
Lecturers: Matthew T. Menard

3:26 PM  
Disparities in Critical Limb Ischemia Treatment: Can We Minimize Variation  
Lecturers: Schuyler Jones

3:39 PM  
Predicting Which Patients Will Benefit Most From Critical Limb Ischemia Interventions  
Lecturers: Matthew T. Menard

3:45 PM  
Roundtable Discussion: Multidisciplinary Care of CLI

3:51 PM  
Multidisciplinary Care of CLI:

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

**SATURDAY, SEPTEMBER 22, 2018**

12:15 PM - 1:45 PM  
**Expert Case Reviews: SFA, Popliteal, and Below the Knee Intervention**  
Moderators: Gavin Britz, Aman B. Patel  
Discussants: Matthew Koch, Virendra I Patel, Adnan Siddiqui, Scott Silverman, Jose M. Wiley

12:15 PM  
Case 1: Carotid Artery Intervention for Asymptomatic Carotid Artery Stenosis: Why And How  
Case Presenter: Scott Silverman

12:25 PM  
Case 2: Carotid Artery Intervention After Stroke: Timing and Other Considerations  
Case Presenter: Gavin Britz

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  
Case Presenter: Charles Matouk

1:05 PM  
Case 6: Trans Cervical Carotid Artery Stenting: Silk Road  
Case Presenter: Matthew Koch

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  
Case Presenter: Matthew Koch

1:35 PM  
Roundtable Discussion with Audience QA
**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**  
Lecturers: Carlos I. Mena-Hurtado

3:40 PM  
**Drug Eluting Stents For Tibial Disease: Data and Case Examples**  
Lecturers: Robert A. Lookstein

3:47 PM  
**Intravascular Lithotripsy for Treatment of Calcified Tibial Vessels**  
Lecturers: Ramon L Varcoe

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

**REGIONAL SESSIONS**

**REGIONAL SNAPSHOT MEETING: THE BEST OF INTERVENTION FROM ASIA-PACIFIC**

**Saturdays, September 22, 2018**  
**2:00 PM - 4:00 PM**  
**Room 31B-C, Upper Level**

2:00 PM - 3:00 PM  
**Session I. My Worst Nightmare Complications**  
**Moderators:** Vinay K. Bahl, Huay Cheem Tan  
**Discussants:** Jun-Jack Cheng, Kenneth Chin, Jeehoon Kang, Sreenivas Arromraju Kumar, 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:** Sai Sathish

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**

3:00 PM - 4:00 PM  
**Session II. CHIPs from Asia**  
**Moderators:** Teguh Santoso, Wei-Hsian Yin  
**Discussants:** Kenneth Chin, Seung-Jung Park, Huay Cheem Tan, Chiung Jen Wu

3:00 PM  
**Case 6: From Malaysia: Recurrent ISR at the Distal Anastomotic Site of SVG to RCA**  
**Case Presenter:** Kenneth Chin

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

3:12 PM  
**Case 7: From Bangladesh: Post CABG LM Calcified Lesion Rotablation and 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**  
**Case Presenter:** Wen-Lieng Lee

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 LUNCHES**

**HOT TOPIC LUNCH: ECHO GUIDANCE OF INTERVENTIONAL PROCEDURES (SPONSORED BY THE AMERICAN SOCIETY OF ECHOCARDIOGRAPHY)**

**Saturdays, September 22, 2018**  
**12:15 PM - 1:45 PM**  
**Room 33B-C, Upper Level**  
**Accrediation:** CME,CNE,MOC,ASRT

12:15 PM - 1:45 PM  
**Echo Guidance of Interventional Procedures**  
**Moderators:** Rebecca T. Hahn, Stephen H. Little  
**Discussants:** Paul A. Grayburn, Chad Kliiger, Sunil V. Mankad, Muhamed Saric

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
HOT TOPIC LUNCH: THE DIABETIC PATIENT REVASCULARIZATION AND MEDICAL THERAPIES

SATURDAY, SEPTEMBER 22, 2018
12:15 PM - 1:45 PM
Room 23B-C, Upper Level
Accreditation: CME, ASRT, MOC, CNE

12:15 PM - 1:45 PM
The Diabetic Patient: Revascularization and Medical Therapies
Lecturers: David J. Maron, Steven P. Marso
Discussants: Jaya Chandrasekhar, Michael E. Farkouh, Vasim Farooq, Fazila T. Malik, Miodrag C. Ostojic, Robert L. Wilensky

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

12:20 PM Comprehensive CV Risk Reduction Strategy in Diabetics
Lecturers: Kurt Huber

12:29 PM Medical Therapy for Whom and When: What is the Ceiling of Medical Therapy
Lecturers: Norman E. Lepor

12:38 PM Newer Diabetes Agents: What All Interventional Cardiologists Need to Know
Lecturers: Steven P. Marso

12:47 PM Roundtable Discussion With Audience QA

12:56 PM CABG Remains the Default Therapy For All Diabetics With Multivessel and Left Main Disease
Lecturers: Sripal Bangalore

1:05 PM When is PCI a Valid Alternative To Only Medical Therapy or CABG in the Diabetic Patient
Lecturers: Sripal Bangalore

1:14 PM Complete Revascularization is the Missing Link to Improve Diabetic PCI Outcomes
Lecturers: Konstantinos Dean Boudoulas

1:23 PM CHIP in The Diabetic Patient: Special Considerations
Lecturers: Cindy L. Grines

1:30 PM Take Home Messages: What Did We Learn From These Cases
Lecturers: Ehtisham Mahmud

1:32 PM Roundtable Discussion With Audience QA

1:40 PM Summary Comments and Take Home Messages
Lecturers: David J. Maron

EXPERT CASE REVIEW LUNCHES

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
Accreditation: CME, MOC

12:15 PM Balloon Angioplasty for Chronic Thromboembolic Pulmonary Hypertension (CTEPH)
Lecturers: 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: Residual Pulmonary Hypertension Following PTE surgery
Case Presenter: Lawrence Ang

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

**SATURDAY, SEPTEMBER 22, 2018**

12:15 PM - 1:53 PM
Room 28D-E, Upper Level
Accreditation: CME, MOC

**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: The Sapien Double Trouble**
Case Presenter: Gareth J Morgan

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

1:30 PM **Case 9: Catheter Opening of Occluded Superior Baffle After Atrial Switch With Assisted Transhepatic Approach**
Case Presenter: Makram R. Ebeid

1:39 PM **Case 10: An Arch Complication After Aortic Coarctation Stenting**
Case Presenter: Eric Horlick

1:48 PM **Take home Messages: What Did We Learn From these Cases**
Lecturers: Lee N. Benson

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**COMPLEX INTERVENTIONS: EXPERT CASE REVIEWS - CTO ANTEGRADE REENTRY TECHNIQUES**

**SATURDAY, SEPTEMBER 22, 2018**

12:15 PM - 1:45 PM
Room 25A-B, Upper Level
Accreditation: CME, MOC

**12:15 PM - 1:45 PM**
**CTO Antegrade Reentry Techniques**
Moderators: Dimitri Karmpaliotis, Etsuo Tsuchikane
Discussants: Junbo Ge, Lukasz Klima, Alexander Grigorievich Osiev, Leif Thuesen, R. Michael Wyman

12:15 PM **Introduction: What Do We Hope to Learn From These Cases**
Lecturers: Etsuo Tsuchikane

12:20 PM **Case 1: A Case of Demonstrating the Contemporary Utility of the Parallel Wire Technique**
Case Presenter: Gerald S. Werner

12:30 PM **Case 2: A Case Demonstrating an Advanced Antegrade Dissection and Reentry Technique**
Case Presenter: R. Michael Wyman

12:40 PM **Case 3: A Case Demonstrating the Knuckle Wire Technique**
Case Presenter: Sunao Nakamura

12:50 PM **Case 4: A Case of Antegrade Fenestration and Re Entry**
Case Presenter: Mauro Carlino

1:00 PM **Case 5: A CTO Case in Which Antegrade Persistence Payed Off**
Case Presenter: Nicholas J. Lembo

1:10 PM **Case 6: A Case of Real Time Fusion CT Imaging to Guide CTO PCI**
Case Presenter: Farouc A Jaffer

1:20 PM **Case 7: A Case Demonstrating Active Antegrade True Lumen Seeking**
Case Presenter: Yuejin Yang

1:30 PM **Case 8: A Major Complication During Antegrade CTO PCI Hint Not a Perforation**
Lecturers: Roberto Diletti

1:40 PM **Take Home Messages: What Did We Learn From These Cases**
Lecturers: Dimitri Karmpaliotis

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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
Accreditation: CME, MOC

**12:15 PM - 1:45 PM**
**FFRCT Case Studies: Noninvasive Diagnosis and Procedural Planning**
Moderators: Nick Curzen, Robert D. Safian
Discussants: Colin Berry, Pamela S. Douglas, Jonathan A. Leipsic, Hitoshi Matsuo, Erick Schampaert, Daniel I. Simon

12:15 PM **Introduction: What Do We Hope to Learn From These Cases**
Lecturers: Robert D. Safian

12:19 PM **Case 1: An FFRCT Case That Convinced Me of Its Utility**
Case Presenter: Michael Mooney
COMPLEX INTERVENTIONS: EXPERT CASE REVIEWS - INTERVENTIONAL RICH EMOTIONAL EXPERIENCES (AKA COMPLICATIONS) I: CORONARY

SATURDAY, SEPTEMBER 22, 2018
12:15 PM - 1:45 PM
Room 29A-B, Upper Level
Accrediation: CME, MOC

Introduction: What Do We Hope to Learn From These Cases
Lecturers: Henning Kelbæk

12:15 PM
Case 1: A Case of a Massive Coronary Perforation
Case Presenter: Nicholas J. Lembo

12:20 PM
Case 2: A Case of a Collateral Perforation
Case Presenter: Sanjog Kalra

12:30 PM
Case 3: A Case of Refractory No Reflow
Case Presenter: Rahul Sakhuja

12:40 PM
Case 4: A Case of a Lost Stent in the Left Main
Case Presenter: Waleed El Awady

12:50 PM
Case 5: A Complication That Occurred When I Treated a Post MI VSD
Case Presenter: Biswajit Kar

1:00 PM
Case 6: A Most Uncommon PCI Complication
Case Presenter: Barry D. Rutherford

1:10 PM
Case 7: A Radial Artery Access Disaster
Case Presenter: Ramon Quesada

1:20 PM
Case 8: A Case of Major Peripheral Vascular Complications During Coronary Intervention
Case Presenter: Dmitry N. Feldman

1:40 PM
Take Home Messages: What Did We Learn From These Cases
Lecturers: Henning Kelbæk
SPECIAL SESSIONS

SPECIAL SESSION: CHINESE ADVISORY MEETING

SATURDAY, SEPTEMBER 22, 2018
8:30 AM - 9:30 AM
Room 30A-C, Upper Level

8:30 AM - 9:30 AM
Chinese Advisory Meeting: Practice Patterns in China
Moderators: Shao-Liang Chen, Runlin Gao, Yaling Han, Gary S. Mintz, Gregg W. Stone, Bo Xu
Discussants: Jinchen Guo, Peng Qu, Guangyuan Song, Zhibing Wang, Feng Xu, Zeng Zhang, Jie Zhao

SPECIAL SESSION: FEATURED SESSION FOR INTERNATIONAL ADVISORY FACULTY - THE BEST OF INDIA: PRACTICE PATTERNS IN MODERN INTERVENTIONAL CARDIOLOGY

SATURDAY, SEPTEMBER 22, 2018
8:30 AM - 10:00 AM
Room 24A-B, Upper Level

8:30 AM - 10:00 AM
Featured Session for International Advisory Faculty The Best of India Practice Patterns in Modern Interventional Cardiology
Moderators: Manish A. Parikh, Ashok Seth
Co Moderator: Vinay K. Bahl
Discussants: Fatema Begum, Upendra Kaul, Sreenivas Arramraju Kumar, Sundeep Mishra, Nikhil Parchure

12:15 PM - 1:46 PM
TAVR Valve in Valve, Valve in Ring, Valve in MAC and Valve in Bicuspid AS
Moderators: Massimo Napolardo, Bernard Prendergast
Discussants: Mohamed Abdel-Wahab, Robert J. Applegate, Vinayak Bapat, Alaide Chieffo, Ian Kovac, Juan A. Terré
Discussants:
Jinchen Guo, Peng Qu, Guangyuan Song, Zhibing Wang, Feng Xu, Zeng Zhang, Jie Zhao

12:15 PM - 1:46 PM
Case 1: A Case of TAVR ViV Requiring an Advanced Approach
Case Presenter: Mohamed Abdel-Wahab

12:28 PM - 1:05 PM
Case 2: A Case of TAVR in TAVR
Case Presenter: Marco Barbanti

12:37 PM - 1:41 PM
Case 3: A Case of Bioprosthetic Valve Fracture To Facilitate TAVR ViV
Case Presenter: Keith B. Allen

12:47 PM - 1:14 PM
Case 4: Bioprosthetic Valve Fracture Before or After TAVR ViV
Case Presenter: Adnan K. Chhatriwalla

12:56 PM - 1:23 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 - 1:32 PM
Case 6: A Case of Failed TAVR ViV
Case Presenter: Philippe Pibarot

1:14 PM - 1:32 PM
Case 7: A Case of TAVR ViR With Complications
Case Presenter: Azeem Latib

1:23 PM - 1:41 PM
Case 8: A Case of a TAVR in MAC With Complications
Case Presenter: Torsten P. Vahl

1:32 PM - 1:41 PM
Case 9: A Case of TAVR in Bicuspid Aortic Stenosis Technical Considerations
Case Presenter: Simon Redwood

1:41 PM - 2:19 PM
Take Home Messages: What Did We Learn From These Cases
Lecturers: Massimo Napolardo

12:15 PM - 1:46 PM
SPECIAL SESSION:
16TH ANNIVERSARY HBD (HARMONIZATION BY DOING)

SATURDAY, SEPTEMBER 22, 2018
8:30 AM - 1:46 PM
Room 26A-B, Upper Level

8:30 AM - 9:30 AM
Introduction and Session Goals
Lecturers: Bernard Prendergast

8:34 AM - 9:07 AM
Case 1: Complex Multivessel PCI: CAGB is Not Always an Option
Case Presenter: Sundeep Mishra

8:40 AM - 9:17 AM
Case 2: Advisor Faculty Surveys With Q and A: How Should This Case Be Performed
Poll Moderators: Juan Iturriza

8:50 AM - 9:23 AM
Case 3: Complex Multivessel PCI: CAGB is Not Always an Option
Case Conclusion
Case Presenter: Sundeep Mishra

8:56 AM - 9:28 AM
Case 4: Advisor Faculty Surveys With Q and A: How Should This Case Be Performed
Poll Moderators: Juan Iturriza

9:01 AM - 9:55 AM
Case 5: Advisor Faculty Surveys With Q and A: How Should This Case Be Performed
Poll Moderators: Juan Iturriza

9:07 AM - 9:55 AM
Case 6: Advisor Faculty Surveys With Q and A: How Should This Case Be Performed
Poll Moderators: Juan Iturriza

9:23 AM - 9:55 AM
Case 7: Advisor Faculty Surveys With Q and A: How Should This Case Be Performed
Poll Moderators: Juan Iturriza

9:34 AM - 9:55 AM
Case 8: Advisor Faculty Surveys With Q and A: How Should This Case Be Performed
Poll Moderators: Juan Iturriza

9:44 AM - 9:55 AM
Case 9: Advisor Faculty Surveys With Q and A: How Should This Case Be Performed
Poll Moderators: Juan Iturriza

9:50 AM - 9:55 AM
Case 10: Advisor Faculty Surveys With Q and A: How Should This Case Be Performed
Poll Moderators: Juan Iturriza

9:55 AM - 10:00 AM
Summary and Take Home Messages
Lecturers: Ashok Seth

9:00 AM - 10:00 AM
SPECIAL SESSION:
16TH ANNIVERSARY HBD (HARMONIZATION BY DOING)
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: Neal Fearnot, John C Laschinger

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: Koji Mineta

9:50 AM The Effort of Generating Robust RWE From US Industry
Lecturers: Theodore Heise

10:00 AM Seeking a More Effective Way of Utilizing Big Data From Daily Practice in Japan
Lecturers: Tetsuya Amano

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: Philippe Genereux, Shigeru Saito
Discussants: Jaime Raben

11:00 AM Global Early Feasibility Study: Novel Mitral Regurgitation Valve Treatment Device
Lecturers: Robert J 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
Lecturers: Philippe Genereux

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
Lecturers: Makoto Amaki

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: Kenneth J. Cavanaugh Jr, Hiroyoshi Yokoi
Discussants: Lydia S Glaw

3:30 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: Justin E. Davies

3:55 PM What are the Suitable Target Patients and Endpoints for RDN Based on the Current Evidence
Lecturers: Felix Mahfoud

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

4:25 PM Panel Discussion
### TRANSCATHETER CARDIOVASCULAR THERAPEUTICS | SATURDAY, SEPTEMBER 22, 2018

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:00 PM</td>
<td><strong>Balloons on the Battlefield: Novel Endovascular Techniques for Military Resuscitation</strong>&lt;br&gt;Lecturers: Paul Rees</td>
</tr>
<tr>
<td>2:10 PM</td>
<td><strong>Fascinating QA</strong></td>
</tr>
<tr>
<td>2:15 PM</td>
<td><strong>PCI for Syrian Refugees in Jordan With the Syrian American Medical Society SAMS</strong>&lt;br&gt;Lecturers: Stefan Harb</td>
</tr>
<tr>
<td>2:25 PM</td>
<td><strong>Fascinating QA</strong></td>
</tr>
<tr>
<td>2:30 PM</td>
<td><strong>Robotic Tele Stenting Over Long Geographic Distances: Progress and Barriers</strong>&lt;br&gt;Lecturers: Ryan D. Madder</td>
</tr>
<tr>
<td>2:40 PM</td>
<td><strong>Fascinating QA</strong></td>
</tr>
</tbody>
</table>

### PRESENTATION THEATER PROGRAMS

**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<br>**Presentation Theater 2, Hall B2, Ground Level**

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation</th>
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<tbody>
<tr>
<td>11:30 AM</td>
<td><strong>Renal Function Contrast Media Dosing in High Risk Patient Populations</strong>&lt;br&gt;Lecturers: Hitinder S. Gurm</td>
</tr>
<tr>
<td>11:40 AM</td>
<td><strong>Impella Assisted PCI and a Strategy to Prevent AKI in High Risk Patients</strong>&lt;br&gt;Lecturers: Michael P. Flaherty</td>
</tr>
<tr>
<td>11:50 AM</td>
<td><strong>Effect of MARCE Incidence and Economic Impact Resulting From Contrast Media Use in the Cath Lab</strong>&lt;br&gt;Lecturers: Emmanouil S. Brilakis</td>
</tr>
<tr>
<td>12:00 PM</td>
<td><strong>Development of a Kidney Care Protocol in the Cath Lab: Screening Hydration and Dye Minimization</strong>&lt;br&gt;Lecturers: Vishal Gupta, MD</td>
</tr>
<tr>
<td>12:10 PM</td>
<td><strong>Panel Discussion and QA</strong></td>
</tr>
<tr>
<td>12:30 PM</td>
<td><strong>Adjourn</strong></td>
</tr>
</tbody>
</table>

**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<br>**Presentation Theater 4, Exhibit Hall, Ground Level**

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:30 AM</td>
<td><strong>LOTUS Edge and ACURATE neo2 and Sentinel Cerebral Protection System: Next-Generation TAVR</strong>&lt;br&gt;Chairs: Ted Feldman&lt;br&gt;Faculty: Robert Gooley, Helge Möllmann, Michael J. Reardon, Michael J. Rinaldi, Julia Seeger</td>
</tr>
<tr>
<td>11:30 AM</td>
<td><strong>The Ulm University Experience With Sentinel</strong>&lt;br&gt;Lecturers: Julia Seeger</td>
</tr>
<tr>
<td>11:35 AM</td>
<td><strong>Sentinel: A Real World Experience</strong>&lt;br&gt;Lecturers: Michael J. Rinaldi</td>
</tr>
<tr>
<td>11:45 AM</td>
<td><strong>LOTUS Edge: Cutting Edge Experience</strong>&lt;br&gt;Lecturers: Robert Gooley</td>
</tr>
<tr>
<td>11:55 AM</td>
<td><strong>ACURATE neo2: Building the Evidence</strong>&lt;br&gt;Lecturers: Helge Möllmann</td>
</tr>
<tr>
<td>12:05 PM</td>
<td><strong>The Future Clinical Trial Landscape of TAVR</strong>&lt;br&gt;Lecturers: Michael J. Reardon</td>
</tr>
<tr>
<td>12:15 PM</td>
<td><strong>Panel Discussion</strong>&lt;br&gt;Moderators: Ted Feldman&lt;br&gt;Discussants: Robert Gooley, Helge Möllmann, Michael J. Reardon, Michael J. Rinaldi, Julia Seeger</td>
</tr>
<tr>
<td>12:28 PM</td>
<td><strong>Wrap Up</strong>&lt;br&gt;Lecturers: Ted Feldman</td>
</tr>
<tr>
<td>12:30 PM</td>
<td><strong>Adjourn</strong></td>
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</table>

**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<br>**Presentation Theater S, Exhibit Hall, Ground Level**

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation</th>
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</thead>
<tbody>
<tr>
<td>11:30 AM</td>
<td><strong>Magmaris Magnesium RMS: In a Class of Its Own</strong>&lt;br&gt;Co Chairs: Michael Haude, Ron Waksman&lt;br&gt;Faculty: Stefano Galli, Michael Joner, Pasi Karjalainen, Michael Kang-Yin Lee</td>
</tr>
<tr>
<td>11:30 AM</td>
<td><strong>Why do we need scaffolds</strong>&lt;br&gt;Lecturers: Michael Haude</td>
</tr>
<tr>
<td>11:40 AM</td>
<td><strong>Discussion</strong></td>
</tr>
<tr>
<td>11:45 AM</td>
<td><strong>Magmaris: Reducing the risk of neoatherosclerosis</strong>&lt;br&gt;Lecturers: Michael Joner</td>
</tr>
<tr>
<td>11:55 AM</td>
<td><strong>Discussion</strong></td>
</tr>
<tr>
<td>12:03 PM</td>
<td><strong>Neointimal Healing Evaluated by Optical Coherence Tomography after Drug Eluting Absorbable Metal Scaffold Implantation in denovo Native Coronary Lesions</strong>&lt;br&gt;Lecturers: Pasi Karjalainen</td>
</tr>
<tr>
<td>12:10 PM</td>
<td><strong>Discussion</strong></td>
</tr>
<tr>
<td>12:15 PM</td>
<td><strong>New clinical insights from BIOSOLVE IV</strong>&lt;br&gt;Lecturers: Michael Kang-Yin Lee</td>
</tr>
<tr>
<td>12:23 PM</td>
<td><strong>Discussion</strong></td>
</tr>
</tbody>
</table>
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

11:30 AM - 12:30 PM
Transradial Angio Club - Complex Coronary Interventions Symposium
Chairs: Manish A. Parikh
Faculty: J. Dawn Abbott, Kevin J. Croce, Yuji Ikari, Azeem Latib, John C. Wang

PRESENTATION THEATER PROGRAM: ACCESSING AND TREATING LOWER LIMB DISEASE WITH SUPERA (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
Accessing and Treating Lower Limb Disease With Supera
Faculty: Ethan C Korngold, Sahil A. Parikh, Mehdi H. Shishehbor, Chuck Simonton

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

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

1:00 PM - 2:00 PM
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

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

2:00 PM
Adjourn

PRESENTATION THEATER PROGRAM: THE CASE FOR COMPLETE CEREBRAL EMBOLIC PROTECTION - REFLECT (SPONSORED BY KEYSTONE HEART, LTD.)

SATURDAY, SEPTEMBER 22, 2018
1:00 PM - 2:00 PM
Presentation Theater 4, Exhibit Hall, Ground Level

1:00 PM - 2:00 PM
The Case for Complete Cerebral Embolic Protection - REFLECT (SPONSORED BY KEYSTONE HEART, LTD.)
Chairs: Alexandra J. Lansky, Tamim Nazif
Faculty: Abhijeet Dhoble, MD, Dariusz Dudek, John K. Forrest, Michael J. Mack, Raj Makkar, Jeffrey W. Moses, Joachim Schofer, Rahul Sharma

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 US Experience
TRANSCATHETER CARDIOVASCULAR THERAPEUTICS | SATURDAY, SEPTEMBER 22, 2018

INTERNATIONAL SOCIETY SESSIONS

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-8, Upper Level
Accreditation: CME,MOC

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

10:00 AM
Introduction
Lecturers: Afzalur Rahman

10:05 AM
Introduction: A Case of 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

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

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: Kaisar 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: Kaisar 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: Kaisar Battikh

11:20 AM
Roundtable Discussion With Audience QA
Lecturers: Abdullah Shehab

11:25 AM
Conclusions and Take home Messages
Lecturers: Habib Gamra

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

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
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
10:30 AM - 11:30 AM

Session I. True Coronary Bifurcation Lesions
Moderators: Petr Kalo, Jochen Wöhrle
Discussants: Dariusz Dudek, Martin Hudec, Wojtek Wojakowski

10:30 AM Introduction: Czech Republic Wojci
Lecturers: Petr Kalo

10:35 AM Slovakia Presents: Introducing a Complex Case With a True Bifurcation Lesion
Case Presenter: Milan Dragula

10:45 AM Germany Comments: How Would I Treat This Case
Case Presenter: Michael Haude

10:52 AM Slovakia Presents: How Did I Treat This Case
Case Presenter: Milan Dragula

10:59 AM Slovakia Presents: Current Knowledge Approach to True Bifurcation Lesions
Case Presenter: Anton Farkas

11:05 AM Poland Presents: Introducing a Case of a Very Complex True Bifurcation Lesion
Case Presenter: Stanislaw Bartus

11:12 AM Czech Republic Comments: How Would I Treat This Case
Case Presenter: Pavel Cervinka

11:19 AM Poland Presents: How Did I Treat This Case
Case Presenter: Stanislaw Bartus

11:25 AM Conclusion and Take Home Messages
Lecturers: Jochen Wöhrle

11:30 AM - 12:30 PM

Session II. Chronic Total Occlusions
Moderators: Martin Hudec, Wojtek Wojakowski
Discussants: Petr Kalo

11:30 AM Introduction
Lecturers: Wojtek Wojakowski

11:35 AM Germany Presents: Present and Future Strategies for Recanalizing Chronic Coronary Total Occlusions
Lecturers: Mohamed Abdel-Wahab

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

SATURDAY, SEPTEMBER 22, 2018
1:30 PM - 3:30 PM
Room 24C, Upper Level
Accredition: CME,MOC

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: 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
Room 24A-B, Upper Level
Accreditation: CME,MOC
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

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: Khaled Almerri

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 Colombia: Complex Left Main Intervention With Severe LV Dysfunction With Case Studies
Case Presenter: Khaled Almerri

3:57 PM Informal Comments: Colombia 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 Thrombus With Case Studies
Case Presenter: Wan Azman Wan 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

4:52 PM Roundtable Discussion With Audience QA

4:57 PM Wrap up and Take home Messages
Lecturers: Ahmed Magdy

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ORAL ABSTRACT SESSIONS

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

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SATURDAY, SEPTEMBER 22, 2018
3:30 PM - 5:00 PM
Room 24C, Upper Level
Accreditation: CME/MOC

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 What’s 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

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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
Accreditation: CME/MOC
POSTER ABSTRACT SESSIONS

MODERATED POSTER SESSION: ABSORB BIORESORBABLE VASCULAR SCAFFOLD STUDIES
8:30 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

8:37 AM  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

8:49 AM  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

9:13 AM  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
Accreditation: CME,MOC

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, Wei-Hsian Yin, Karol Zbronski

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

8:37 AM  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

8:49 AM  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

SATURDAY, SEPTEMBER 22, 2018
8:30 AM - 9:30 AM
Moderated Posters 3, Exhibit Hall, Ground Level
Accreditation: CME,MOC

8:30 AM - 9:30 AM
Catheter-based Treatment of Peripheral Vascular Disease I
Moderators: Mark C. Bates, William A. Gray
Discussants: Jeffrey G. Carr, Alejandro 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

8:37 AM  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

8:49 AM  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

9:01 AM  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
9:13 AM  Discussion

9:18 AM  TCT 135: Impact of Clinical Frailty in Patients With Peripheral Artery Disease: From I PAd Registry
Lecturers: Tomoaki Mochidome

9:25 AM  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
Accreditation: CME,MOC

8:30 AM  Comorbidities in CAD - I
Moderators: Andrea Abizaid, Carl L. Tommaso
Discussants: Rasha Al-Lamee, Mesfer Alfadhel, 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

8:37 AM  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

8:49 AM  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

9:01 AM  Discussion

9:06 AM  TCT 150: Cardiovascular Disease and Percutaneous Coronary Intervention in Hematological Malignancies - Knowledge is Power
Lecturers: David Boone

9:13 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
Accreditation: CME,MOC

8:30 AM  TAVR Risk Stratification and Outcomes I
Moderators: Martina Kelly Speight, Corrado Tamburino
Discussants: Karim Al-Azizi, Holger M. Nef, Elizabeth M. Perpetua, Alexey Protopopov, Toby Rogers, Amit Segev

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
Accreditation: CME,MOC

8:30 AM - 9:30 AM
Technical Aspects of CTO Interventions I
Moderators: Margaret B. McEntegart, Sunao Nakamura
Discussants: Devang Maheshchandra Desai, Lei Ge, Paul Knaapen, Marin Postu, Alexandre Schaan 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

Lecturers: Hiroyuki Tanaka

9:25 AM  Discussion

MODERATED POSTER SESSION: BEST OF MODERATED PCI POSTER ABSTRACTS I

SATURDAY, SEPTEMBER 22, 2018
9:30 AM - 10:18 AM
Best of Moderated PCI Poster Abstracts I
Moderators: David F. Kong, Stefan Mot
Discussants: Antonio Fiarresgo, Ning Guo, Javaid Iqbal, Fahim Haider Jafary, Hossam I. Kandil, Talib Mojwal

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: Kuniaki Takahashi

10:13 AM  Discussion

MODERATED POSTER SESSION: CARDIOGENIC SHOCK AND VENTRICULAR ASSIST I

SATURDAY, SEPTEMBER 22, 2018
9:30 AM - 10:30 AM
Moderated Posters 2, Exhibit Hall, Ground Level
Accreditation: CME,MOC

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: Kuniaki Takahashi

10:13 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
Accreditation: CME,MOC

9:30AM - 10:30 AM
Chronic Pulmonary Embolism and Pulmonary Hypertension
Moderators: Nick H. Kim, Peter P. Monteleone

9:30 AM
TCT 161: Endovascular Device to Improve Pulmonary Arterial Compliance in Pulmonary Arterial Hypertension
Lecturers: Irene M. Long

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: DES VS DES I
SATURDAY, SEPTEMBER 22, 2018
9:30 AM - 10:30 AM
Moderated Posters 8, Exhibit Hall, Ground Level
Accreditation: CME,MOC

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

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
Accreditation: CME,MOC

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 193: The Effectof Plaque Typeon Strut EmbedmentProtrusionand Shear Stress in Biodegradable Scaffolds: Is ThereA New Horizon for Biodegradable Scaffolds
Lecturers: Erhan Tenekecioglu

10:01 AM
Discussion

10:06 AM
Lecturers: Sergio Tarbine

10:13 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
Accreditation: CME,MOC

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: Tyrone J. Collins, 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 Valvar 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 Lecturers: Nidal Ganim
10:25 AM Discussion

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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
Accreditation: CME,MOC

9:30 AM - 10:18 AM TAVR Techniques and Outcomes I
Moderators: Somjot 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 Rispera 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
10:13 AM Discussion

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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
Accreditation: CME,MOC

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

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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
Accreditation: CME,MOC

10:30 AM - 11:30 AM Carotid Stenting, Stroke Prevention, and Acute Stroke Intervention
Moderators: Bernhard Reimers, Christopher J. White
Discussants: Fayaz Shawl, Adnan Siddiqui, Paul D. Vorosy
TCT 210: 3-Year Experience With Cath Lab Based Acute Stroke Rescue Program in a Community Hospital  
Lecturers: Steven Guidera

10:37 AM  Discussion

TCT 211: Technical Success of Acute Stroke Interventions Performed By Cardiologists Single Center Experience  
Lecturers: Marius Hornung

10:49 AM  Discussion

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

TCT 215: Deep Loop Technique for Stenting of LICA Using Transbrachial Approach Single Centre Experience  
Lecturers: Zoran Stankov

11:13 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  
Accrediation: CME,MOC

10:30 AM - 11:30 AM  
Left Atrial Appendage Closure  
Moderators: Shephal Doshi, Apostolos Tzikas  
Discussants: Mohamad Adnan Alkhouli, 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

10:42 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  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  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  
Accrediation: CME,MOC

10:30 AM - 11:30 AM  
Long-term DES Studies  
Moderators: R. Stefan Kiesz, Michael J. Rinaldi  
Discussants: Peter L Duffy, Mohamed Ali Eslalamony, 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  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  TCT 238: Comparing 3 Year Outcomes Between Medical Therapy and Percutaneous Revascularisation for the Surgically Ineligible Cohort  
Lecturers: Avedis Ekmejian

11:01 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  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  
Accrediation: CME,MOC
10:30 AM - 11:30 AM
**Machine Learning and Artificial Intelligence**
*Moderators: Justin E. Davies, James K. Min*
*Discussants: Steven L. Almany, Tetsuya Amano, Andrew J. Einstein, Rob Gropler, Brahim Harboui, Seiichi Hiramori*

**Machine Learning and Artificial Intelligence**
- **TCT 231:** An Artificial Intelligence Based Solution for Fully Automated Cardiac Phase and End Diastolic Frame Detection on Coronary Angiographies
  *Lecturers: Lucian Itu*

**Machine Learning and Artificial Intelligence**
- **TCT 232:** Diagnostic Accuracy of Machine Learned Algorithms Utilizing a Novel Form of Cardiac Phase Tomography $C_{ps}$t vs Single Photon Emission Tomography Spect in the Assessment of Cad
  *Lecturers: Thomas D. Stuckey*

**Discussion**

**TCT 233:** Machine Learned Algorithms Utilizing Novel Tomography for Evaluating Coronary Artery Disease
*Lecturers: Thomas D. Stuckey*

**Discussion**

**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*

**Discussion**

**TCT 235:** Intelligent Recognition of Coronary Angiography By Deep Learning Technology: A Novel Computer Aided Diagnostic System
*Lecturers: Tianming Du*

**Discussion**

**MODERATED POSTER SESSION: MINIMALIST APPROACH TO TAVR I**

**SATURDAY, SEPTEMBER 22, 2018**
**10:30 AM - 11:18 AM**
Moderated Posters S, Exhibit Hall, Ground Level
Accrediation: CME,MOC

**Minimalist Approach to TAVR I**
*Moderators: Bernard R. Chevalier, Helene Eltchaninoff*
*Discussants: Suzanne V. Arnold, Wolfgang Bocksch, Reda Ibrahim*

**TCT 221:** Comparison of Transfemoral Transcatheter Aortic Valve Replacement Performed With A Simplified Protocol: Fast TAVR vs Standard Approach
*Lecturers: Grégoire Lefèvre*

**Discussion**

**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*

**Discussion**

**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*

**Discussion**

**TCT 225:** Impact of Frailty on a Minimalist Approach and Early Discharge Following TAVR: Insights From the 3M TAVR Study
*Lecturers: Janarthanan Sathananthan*

**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
Accrediation: CME,MOC

**Non-LM Bifurcation Intervention I**
*Moderators: Francesco Burzotta, Yves R. Louvard*
*Discussants: Waqar H. Ahmed, Ahmed Magdy, Fazila T. Malik, Holger M. Nef*

**TCT 216:** Comparison Between TAP and Double Kissing Crush Techniques: Optical Coherence Tomography and Computational Flow Reconstruction From in Vitro Models
*Lecturers: Valeria Paradisi*

**Discussion**

**TCT 217:** Stenting of Coronary Bifurcation Lesions With Bioresorbable Everolimus Eluting Scaffolds Longterm Outcome FromPoznan Bifurcation Absorb Registry
*Lecturers: Magdalena Lanocha*

**Discussion**

**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*

**Discussion**

**TCT 219:** Benefits of Final Proximal Optimization Technique POT in Provisional Stenting A Bench Experimental Study
*Lecturers: Francois Derimay*
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
Accreditation: CME,MOC

10:30 AM - 11:30 AM
PCI and Drug-Coated Balloons I
Moderators: Jorge F. Saucedo, Craig M. Walker
Discussants: George L Adams, Hsuan-Li Huang, Juying Qian

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 Biodesorbable 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 3, Exhibit Hall, Ground Level
Accreditation: CME,MOC

11:30 AM - 12:30 PM
ASD and PFO Closure I
Moderators: Eric Eekhout, Steven L. Goldberg
Discussants: Kee-Sik Kim, David W.M. Muller, Roman Tarasov

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
Accreditation: CME,MOC

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

11:37 AM
Discussion

11:42 AM
TCT 250: A Novel Large Size Transcatheter Pulmonary Heart Valve Prosthesis for Patients With Pulmonary Regurgitation
Lecturers: Anna Grünwald

11:49 AM
Discussion
11:54 AM  TCT 252: A Prospective Multi Center Pilot Study Evaluating Plaque Photoablation Using the Novel Non Guidewire Based RA 308 Excimer Laser in Subjects With Symptomatic Intrainguinal Lower Extremity Vascular Occlusions
Lecturers: Lawrence Ang

12:01 PM  Discussion

12:06 PM  TCT 253: Placement of Axillary Intraaortic Balloon Pump Leads to Higher Adverse Event Rate When Compared to Placement of Femoral Intraaortic Balloon Pump
Lecturers: Baldeep Dhaliwal

12:13 PM  Discussion

MODERATED POSTER SESSION: CATH LAB OF THE FUTURE: STRATEGIES TO CONTROL RADIATION EXPOSURE I

SATURDAY, SEPTEMBER 22, 2018
11:30 AM - 12:30 PM
Moderated Posters 2, Exhibit Hall, Ground Level
Accreditation: CME,MOC

11:30 AM  TCT 245: A Significant Reduction in the Frequency of Substantial Dose Interventional Coronary Procedures From 2007 to 2017
Lecturers: Stephen Balter

11:37 AM  Discussion

11:42 AM  TCT 246: Utility of Image Magnification Software to Reduce Radiation Emission During Invasive Coronary Angiography
Lecturers: Amir Sadrzadeh

11:49 AM  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

12:01 PM  Discussion

12:06 PM  TCT 248: A New Device to Markedly Reduce Cardiac Cath Lab Radiation Levels
Lecturers: Robert Wilson

12:13 PM  Discussion

MODERATED POSTER SESSION: IS THERE STILL A ROLE FOR BARE METAL STENTS?

SATURDAY, SEPTEMBER 22, 2018
11:30 AM - 12:30 PM
Moderated Posters 8, Exhibit Hall, Ground Level
Accreditation: CME,MOC

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

11:30 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 Golewska

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: Tawfiq 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
Accreditation: CME,MOC

11:30 AM - 12:30 PM
Minimalist Approach to TAVR II
Moderators: Carlo Di Mario, Maurizio Taramasso
Discussants: Itshac Itzik Ben-dor, Nicola Carvaja, Chandan Devireddy, Kendra J. Grubb

11:30 AM  TCT 275: Local Anesthesia During Transcatheter Aortic Valve Replacement: A Multicenter Observational Study
Lecturers: Samir D Pentecost
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<th>Time</th>
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<tr>
<td>11:37 AM</td>
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<tr>
<td>11:42 AM</td>
<td>TCT 259: 1000 Minimalist TAVR: SAPIEN Through SAPIEN 3</td>
<td>Norihiko Kamioka</td>
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<td>11:54 AM</td>
<td>TCT 260: Outcomes of Transcatheter Aortic Valve Replacement in Patients Undergoing Conscious Sedation Compared to General Anesthesia</td>
<td>Bret Hiendimayr</td>
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<td>Discussion</td>
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<td>12:06 PM</td>
<td>TCT 261: Minimalistic Approach in Transcatheter Aortic Valve Replacement: A Systematic Review and Meta Analysis</td>
<td>Harsh Rawal</td>
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**MODERATED POSTER SESSION: MISCELLANEOUS PCI TECHNIQUES**

**SUNDAY, SEPTEMBER 22, 2018**

11:30 AM - 12:30 PM
Moderated Posters 4, Exhibit Hall, Ground Level
Accrediation: CME, MOC

**11:30 AM - 12:30 PM**
**Miscellaneous PCI Techniques**

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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>11:30 AM</td>
<td>TCT 254: Strut Impingement Phenomenon By A Bioresorbable Polymer Sirolimus Eluting Ultimaster Stent</td>
<td>Yutaka Tadano</td>
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<td>11:37 AM</td>
<td>Discussion</td>
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<tr>
<td>11:42 AM</td>
<td>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</td>
<td>Ignacio Sanchez-Perez</td>
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<td>11:49 AM</td>
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<tr>
<td>11:54 AM</td>
<td>TCT 256: Impact of Coronary Artery Tortuosity on PCI Outcomes: An Individual Patient Data Pooled Analysis From 6 Randomized Controlled Trials</td>
<td>Bjorn Redfors</td>
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<td>12:01 PM</td>
<td>Discussion</td>
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<tr>
<td>12:06 PM</td>
<td>TCT 257: Impact of Percutaneous Coronary Intervention of Ostial Vs Non Ostial Lesions on Short and Long Term Clinical Outcomes</td>
<td>Ji Young Park</td>
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<td>12:13 PM</td>
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**MODERATED POSTER SESSION: NEW OCT STUDIES**

**SUNDAY, SEPTEMBER 22, 2018**

11:30 AM - 12:30 PM
Moderated Posters 7, Exhibit Hall, Ground Level
Accrediation: CME, MOC

**11:30 AM - 12:30 PM**
**New OCT Studies**

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<tr>
<th>Time</th>
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<tr>
<td>11:30 AM</td>
<td>TCT 266: OCT and Histopathological Assessment of Coronary Plaque Obtained by Directional Coronary AthereCTOmy</td>
<td>Ryotaro Yamada</td>
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<td>11:37 AM</td>
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<td>11:42 AM</td>
<td>TCT 267: Serial Stent Healing Analysis of BioresorbableStent Implantated in Coronary Bifurcations With Optical Coherence Tomography: Correlation With Baseline Shear Stress</td>
<td>Shengxian Tu</td>
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<td>11:49 AM</td>
<td>Discussion</td>
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<tr>
<td>11:54 AM</td>
<td>TCT 268: Five Year Clinical Outcomes of Patients With OCT Detected Features of Vulnerable Plaque in Intermediate Grade Coronary Stenoses Proven Insignificant By FFR</td>
<td>Dorota Ochijewicz</td>
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<td>12:01 PM</td>
<td>Discussion</td>
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<tr>
<td>12:06 PM</td>
<td>TCT 269: Optical Coherence Tomography Evaluation of Very Early Endothelialization After Dual Therapy Drug Eluting Stent With EPC CaptURE OCT VENTURE</td>
<td>Bryan Yan</td>
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**MODERATED POSTER SESSION: PCI AND DRUG-COATED BALLOONS II**

**SUNDAY, SEPTEMBER 22, 2018**

11:30 AM - 12:30 PM
Moderated Posters 6, Exhibit Hall, Ground Level
Accrediation: CME, MOC

**11:30 AM - 12:30 PM**
**PCI and Drug-Coated Balloons II**

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<th>Time</th>
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<tr>
<td>11:30 AM</td>
<td>TCT 262: Pre Clinical Investigation of Keratose As A Novel Excipient of Paclitaxel Coated Balloons</td>
<td>Saami Yazdani</td>
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<td>11:37 AM</td>
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</table>
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
Accreditation: CME,MOC

12:45 PM - 1:45 PM
Aortic Diseases and Intervention
Moderators: Somjot S. Brar, Christoph A. Nienaber
Discussants: Sergey A. Abugov, 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 Interventionist
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

12:45 PM - 1:45 PM
Bioresorbable Scaffolds vs Metallic Stents
Moderators: Aloke V. Finn, John A. Ormiston
Discussants: Salvatore Cassese, Daniel Chamie, 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 Bioresorbable 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 Bioresorbable 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

1:09 PM 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

1:16 PM Discussion

1:21 PM 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

1:28 PM Discussion

1:33 PM 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
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
Accreditation: CME,MOC

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: Chee Yang Chin, 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 Ius Percentage of Diameter Stenosis By Visual Estimation and Bi Dimensional Quantitative Co
Lecturers: Alexandre Hideo-Kajita

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
Accreditation: CME,MOC

12:45 PM
TCT 295: Differential Prognostic Value of Galectin 3 According to Levels of Carbohydrate Antigen 125 in Transcatheter Aortic Valve Implantation
Lecturers: Philippe Genereux, Susheel K. Kodali
Discussants: Saif Anwaruddin, Colin M. Barker, Stephan M. Ensminger, Marek Grygier, Fabien Praz

12:45 PM - 1:45 PM
LMCA Disease and Intervention I
Moderators: Davide Capodanno, Talib Majwal
Discussants: Ning Guo, Stefan Harb, 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 Disease 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 CAGB 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
Accreditation: CME,MOC

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: Philippe Genereux, Susheel K. Kodali
Discussants: Saif Anwaruddin, Colin M. Barker, Stephan M. Ensminger, Marek Grygier, Fabien Praz
### MODERATED POSTER SESSION: PCI IN HIGH BLEEDING RISK (HBR) PATIENTS I

**SATURDAY, SEPTEMBER 22, 2018**

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<tr>
<td>12:45 PM</td>
<td><strong>PCI in High Bleeding Risk (HBR) Patients I</strong></td>
<td>Moderators: Vincent J. Pompili, Robert W. Yeh</td>
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<td><strong>Discussants:</strong> Mariann Gyöngyösi, Zuzana Motovska, Adhir Shroff, Zheng Zhang</td>
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<td>12:45 PM</td>
<td>TCT 300: Feasibility and Clinical Impact of Eosophagastroduodenoscopy Within 7 Days in Patients Receiving Coronary Stent Due to ST Segment Elevation Myocardial Infarction</td>
<td>Sang Min Park</td>
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<td>12:52 PM</td>
<td><strong>Discussion</strong></td>
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<td>12:52 PM</td>
<td>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</td>
<td>Ashraf Abugroun</td>
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<td>1:04 PM</td>
<td><strong>Discussion</strong></td>
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<tr>
<td>1:09 PM</td>
<td>TCT 302: A Simple CHA2DD2 VASC Derived Score for Assessing Long Term Prognosis in STEMI Patients CardioCHUS STEMI Registry</td>
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### MODERATED POSTER SESSION: PERI-DIVICE LEAKS

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<td>12:45 PM</td>
<td><strong>Peri-Device Leaks</strong></td>
<td>Moderators: Linda D. Gillam, Pinak B. Shah</td>
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<td><strong>Discussants:</strong> Cameron Dowling, Omer Goktekin</td>
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<tr>
<td>12:45 PM</td>
<td>TCT 275: Percutaneous Transapical Left Ventricular Access to Treat Paravalvular Leak and Ventricular Septal Defect Is Clinically Effective and Associated With Infrequent Adverse Events</td>
<td>Joseph Venturini</td>
</tr>
<tr>
<td>12:52 PM</td>
<td><strong>Discussion</strong></td>
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<tr>
<td>12:57 PM</td>
<td>TCT 276: Percutaneous Treatment of Residual Leaks After Left Atrial Appendage Closure</td>
<td>Marcus Sandri</td>
</tr>
<tr>
<td>1:04 PM</td>
<td><strong>Discussion</strong></td>
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<tr>
<td>1:09 PM</td>
<td>TCT 277: Safety and Feasibility of Trans Catheter Interruption of Ruptured Sinus of Valsalva Aneurysm RS0VA Using the Cocoon Duct Occluder CDO: Immediate Results and Mid Term Follow Up</td>
<td>Puneet Aggarwal</td>
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<tr>
<td>1:16 PM</td>
<td><strong>Discussion</strong></td>
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<tr>
<td>1:21 PM</td>
<td>TCT 278: Incidence Characteristics and Management of Residual Peri Device Leak After Percutaneous Left Atrial Appendage Occlusion</td>
<td>Zakeih Chaker</td>
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<tr>
<td>1:28 PM</td>
<td><strong>Discussion</strong></td>
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<tr>
<td>1:33 PM</td>
<td>TCT 279: Elective Percutaneous Paravalvular Leak Closure Under Monitored Anesthesia Care: The Safety of Conscious Sedation With Intra Procedural Tee for PVL Repair</td>
<td></td>
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</table>
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
Accreditation: CME,MOC

12:45 PM - 1:45 PM
Vulnerable Plaques and Vulnerable Patients I
Moderators: Maurice Buchbinder, Peter H. Stone
Discussants: 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

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
Accreditation: CME,MOC

1:45 PM
TCT 339: Paclitaxel Eluting Balloon vs Everolimus Eluting Stent in Patients With Diabetes Mellitus and In Stent Restenosis Insights From the Randomized DARE Trial
Lecturers: Bimmer E. Claessen

1:45 PM - 2:45 PM
LMCA Disease and Intervention II
Moderators: Anthony H. Gershlick, Marco V. Wainstein
Discussants: Javaid Iqbal, Kee-Sik Kim, Ioanna Kosmidou, Stefan Mot

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 Wanka
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

MODERATED POSTER SESSION: MANAGEMENT OF IN-STENT RESTENOSIS I

SATURDAY, SEPTEMBER 22, 2018
1:45 PM - 2:45 PM
Moderated Posters 6, Exhibit Hall, Ground Level
Accreditation: CME,MOC

1:45 PM - 2:45 PM
Management of In-stent Restenosis I
Moderators: Christian W. Hamm, Detlef G. Mathey
Discussants: Mohamed Ali Elsalamony, Hsuan-Li Huang, Verghese Mathew, Issam D. Moussa, Duk-Woo Park

1:45 PM
TCT 338: Paclitaxel Eluting Balloon vs Everolimus Eluting Stent for the Treatment of Unprotected Left Main Coronary Artery Disease Insights From the Randomized DARE Trial
Lecturers: Bimmer E. Claessen
1:52 PM Discussion
1:57 PM TCT 340: Influence of Neoatherosclerosis on Long Term Outcome of Patients With in Stent Restenosis Treated With Paclitaxel Coated Balloon or Everolimus Eluting Stent Insights From Pooled Ribs IV and V Randomized Trials
Lecturers: Nieves Gonzalo
2:04 PM Discussion
2:09 PM TCT 341: Results of Percutaneous Coronary Intervention in Restenosis Lesions With Second Generation Paclitaxel Coated Balloons At a Long Term Follow up
Lecturers: Ignacio Sanchez-Perez
2:16 PM Discussion
2:21 PM TCT 342: Excimer Laser Lesion Modification In Stent Restenosis and Non Optimal Dilated Stents the ELMRegistry
Lecturers: Piotr Wacinski
2:28 PM Discussion
2:33 PM TCT 343: Variations in Efficacy and Safety Over Time Between Drug Coated Balloon and Drug Eluting Stent for the Treatment of Coronary In Stent Restenosis Results From the DAEDALUS Study
Lecturers: Daniele Giacoppo
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
Accreditation: CME,MOC

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, 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 Approach
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 Kołtowski
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

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
Accreditation: CME,MOC

1:45 PM - 2:45 PM
Metallic Bioresorbable Vascular Scaffolds I
Moderators: Alexandre Abizaid, Michael Haude
Discussants: Olivier F. Bertrand, Piera Capranzano, Yaling Han, Dean J. Kereiakes, David G. Rizik, Alan C. Yeung

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
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

1:45 PM - 2:45 PM
TAVR and CAD I
Moderators: Philipp Blanke, Horst Sievert
Discussants: Elvin Kedhi, Nickolas Nodar Kipshidze

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 Fabbriochi

2:04 PM Discussion

2:09 PM TCT 317: Impact of Coronary Artery Disease on Transcatheter Aortic Valve Replacement Outcome
Lecturers: Paolo Olivaress

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: Shown Reginauld

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
Accrediation: CME,MOC

1:45PM - 2:45 PM
SYNTAX Score and SYNTAX Trial Studies I
Moderators: Petr Kala, Patrick W. Serruys
Discussants: Mohammad El Tahlawi, 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 IIIRisk Scores in Unprotected Left Main Percutaneous Coronary Intervention
Lecturers: Xacobe Flores-Rias

2:28 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
Accrediation: CME,MOC

1:45PM - 2:45 PM
Treatment of Pulmonary Embolism
Moderators: Stephane Noble, Victor F. Tapson
Discussants: Mahir Elder, Peter P. Monteleone, 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: Chahgir 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 Thromolytic 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
2:40 PM Discussion

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
Accreditation: CME,MOC

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

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
Accreditation: CME,MOC

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 Engstrøm, Karlis Grikis, Arnold Seto, Raul Solerno, Khalid Omar Tamnam

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: Shinichiro 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 Ihdayhid, 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: Mitsuki Matsumura, MD
3:40 PM Discussion

MODERATED POSTER SESSION: CRITICAL LIMB ISCHEMIA
SATURDAY, SEPTEMBER 22, 2018
2:45 PM - 3:33 PM
Moderated Posters 3, Exhibit Hall, Ground Level
Accreditation: CME,MOC

2:45 PM TCT 390: Early Outcomes of Intraoperative Transesophageal Echocardiography During Hybrid Procedures in Patients With Critical Limb Ischemia
Lecturers: Mohammad Waleed, MD
2:52 PM Discussion
2:57 PM TCT 391: Multicenter Study Of Limb-Saving Procedures (thrombectomy, Thrombolysis, Endovascular Procedures) For Critical Limb Ischemia
Lecturers: Martin Angelini, MD
3:04 PM Discussion
3:11 PM TCT 392: Intraarterial Thrombolysis in Critical Limb Ischemia
Lecturers: Santiago Garcia, MD
3:15 PM Discussion
3:22 PM TCT 393: Endovascular Treatment of Critical Limb Ischemia in Patients With High Risk Atherosclerosis
Lecturers: David Frias, MD
3:29 PM Discussion
3:33 PM TCT 394: Critical Limb Ischemia: From Pathophysiology to Interventional Therapy
Lecturers: Daniel Mark, MD
3:40 PM Discussion
Critical Limb Ischemia
Moderators: Emerson C. Perin, Christopher J. White
Discussants: J. Michael Bacharach, Subhash Banerjee, Michael R. Jaff

TCT 356: Contemporary Outcomes in No Option Chronic Critical Limb Ischemia A Systematic Review and Meta Analysis
Lecturers: Mohammed Imran Ghare

TCT 365: Contemporary Outcomes in No Option Chronic Critical Limb Ischemia A Systematic Review and Meta Analysis
Lecturers: Mohammed Imran Ghare

TCT 366: Endovascular vs Surgical Revascularization for Acute Lower Limb Ischemia
Lecturers: Tariq Enezate

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

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

TCT 359: Improving Management of Cardiogenic Shock The INOVA Heart and Vascular Institute Standardized Team Based Approach
Lecturers: Behnam Tehrani

TCT 360: Assessment of Heart Teams Treatment Decision Variability Insights From the SYNTAX III Revolution Trial
Lecturers: Yoshinobu Onuma

TCT 361: Heart Team Approach to CAD Management in Patients Undergoing Elective Vascular Surgery Who Have Asymptomatic Ischemia Producing Coronary Stenosis
Lecturers: Andrejs Erglis

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

TCT 363: Impact of the Heart Team in Decision Making in Patients With Severe Aortic Stenosis Data From the IMPULSE Registry
Lecturers: Stefano Salizzoni

New Polymeric Bioresorbable Vascular Scaffolds I
Moderators: Lorenz Raber, Ashok Seth
Discussants: Arif Al Nooryani, Rafa Depukat, Andrejs Erglis, Nicolas Foin, Marvin J. Slepian

TCT 388: Real World Follow Up One Year of the Novel MeRes100 Heart and Vascular Institute Standardized Team Based Approach
Lecturers: Marcos Ortega, MD

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

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

TCT 391: Post Implantation Shear Stress Analysis An Emerging Tool for Differentiation in Bioresorbable Scaffolds
Lecturers: Erhan Tenekcioglu, MD

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
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
Accreditation: CME,MOC

2:45 PM
Optimal Diagnosis and Treatment of Patients with STEMI or NSTEMI I
Moderators: Peter L Duffy, Francisco Fdez-Aviles
Discussants: Alejandro Cherro, Konstantinos P. Tsiofis, 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: Hosam Hasan

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
Lecturers: Manish Ramlall, MD

3:40 PM
Discussion

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
Accreditation: CME,MOC

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

2:52 PM
Discussion
2:57 PM  TCT 370: Increased Specialisation of Chronic Total Occlusion PCI Improves Success Rates But Increases Procedural Complexity: A Single Centre Experience
Lecturers: Subramanya Upadhyaya

3:04 PM  TCT 371: Antegrade Fenestration and Re Entry: A Novel Subintimal Technique for Chronic Total Occlusion Recanalization
Lecturers: Lorenzo Azzalini, MD

3:11 PM  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

3:23 PM  Discussion

3:28 PM  TCT 373: Safety and Efficacy of Transradial vs Transfemoral Approach for Chronic Total Occlusion: A Meta Analysis
Lecturers: Muhammad Khalid, MD

3:35 PM  Discussion

MODERATED POSTER SESSION: VALVE-IN-VALVE PROCEDURES I

SATURDAY, SEPTEMBER 22, 2018
2:45 PM - 3:45 PM
Moderated Posters S, Exhibit Hall, Ground Level
Accrediation: CME,MOC

2:45PM - 3:45 PM
Valve-in-Valve Procedures I
Moderators: Mohamed Abdel-Wahab, Adnan K. Chhatriwalla
Discussants: Keith B. Allen, 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 Valve 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 Khodaei

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
Accrediation: CME,MOC

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

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 Ersus In Stent Minimum Lumen Area in Percutaneous Coronary Intervention Outcome A CLI OPCI Project Substudy
Lecturers: Enrico Romagnoli

4:40 PM  Discussion

MODERATED POSTER SESSION: NEW POLYMERIC BIORESORBABLE VASCULAR SCAFFOLDS II
New Polymeric Biodegradable Vascular Scaffolds II
Moderators: Antoine Lafont, Sigmund Silber
Discussants: Brian G. DeRubertis, Jeehoon Kang, Vojtech Novotny

3:45 PM TCT 428: A First in Man Study of the Firesorb Sirolimus Target Eluting Biodegradable Vascular Scaffold in Patients With Coronary Artery Disease FUTURE I: Two Year Clinical and Imaging Outcomes
Lecturers: Lei Song

3:52 PM Discussion

3:57 PM TCT 429: A Randomized Trial Comparing A Novel Sirolimus Eluting Biodegradable 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 Biodegradable 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 Biodegradable 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 Biodegradable Coronary Scaffold 24 Month Follow Up Clinical Outcomes Final Results
Lecturers: Georgios Bouras

4:40 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
Accreditation: CME, MOC

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
MODERATED POSTER SESSION: OBESITY IN CAD

SATURDAY, SEPTEMBER 22, 2018
3:45 PM - 4:45 PM
Moderated Posters 6, Exhibit Hall, Ground Level
Accreditation: CME,MOC

3:45 PM - 4:33 PM
Obesity in CAD
Moderators: Henning Kelbaek, Michael C. C. Kim
Discussants: Jaikirshan Khatri, Vijay Kunadian, David J. Maron, Jean-Francois 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: TAVR IN BICUSPID AORTIC VALVE DISEASE

SATURDAY, SEPTEMBER 22, 2018
3:45 PM - 4:45 PM
Moderated Posters 5, Exhibit Hall, Ground Level
Accreditation: CME,MOC

3:45 PM - 4:45 PM
TAVR in Bicuspid Aortic Valve Disease
Moderators: Ioannis Iakovou, Jan Kovac
Discussants: Mohammad Mehdi Ansari, 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 Saud

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 - 4:33 PM
Moderated Posters 1, Exhibit Hall, Ground Level
Accrediation: CME,MOC

3:45 PM - 4:33 PM  Vascular Access in Structural Heart Disease Procedures
Moderators: David J. Cohen, Joachim Schofer
Discussants: Francesco Burzotta, Jasvinder Singh, A.J. Conrad C. Smith

3:45 PM  TCT 394: Efficacy and Safety of Fishermans Knot Technique to Achieve Venous Haemostasis After Removal of Large Sheath 12 Fr
Lecturers: Puneet Aggarwal

3:52 PM  Discussion

3:57 PM  TCT 395: A Propensity Matched Comparison of Suprasternal and Transfemoral Transcatheter Aortic Valve Replacement Innominate vs Femoral
Lecturers: Anna Olds, MD

4:04 PM  Discussion

4:09 PM  TCT 396: Associationof Peripheral Artery Disease With In Hospital Outcomes After Endovascular Transcatheter Aortic Valve Replacement
Lecturers: Diyanshu Mohananey, MD

4:16 PM  Discussion

4:21 PM  TCT 397: Ipsilateral Balloon Occlusion Technique for Percutaneous Closure After Transfemoral Aortic Valve Replacement
Lecturers: Sunny Goel, MD

EVENING PROGRAMS

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: 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, PHILIPS, 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: What’s New With Focused Case Presentations
Co Chairs: Dimitri Karmpaliotis, Ajay J. Kirtane, Martin B. Leon, William L. Lombardi, Jeffrey W. Moses
Faculty: Mirvat Alasnag, Ziad A. Ali, Emmanuel S. Brilakis, Alaide Chieffo, Antonio Colombo, George D. Dangos, Cindy L. Grines, Jonathan M. Hill, Aaron Horne, Jr., Allen Jeremias, Jai kirshan Khatri, James M. McCabe, Margaret B. McEntegart, Roxana Mehran, Manish A. Parikh, Andrew Sharp, Robert W. Yeh

6:30 PM  Opening Remarks: CHIP Status Update
Lecturers: Jeffrey W. Moses

8:00 PM  Adjourn

EVENING PROGRAM: EVERYDAY ANTIPLATELET DECISIONS: MAKING THE RIGHT CHOICES (SPONSORED BY CRF, SUPPORTED BY CHIESI USA, INC.)
Everyday Antiplatelet Decisions: Making the Right Choices

Co-Chairs: Deepak L. Bhatt, Pascal Vranckx
Discussants: John A. Bittl, Davide Capodanno, Roxana Mehran, Matthew J. Price, Daniel I. Simon
Faculty: Dominick J. Angiolillo, C. Michael Gibson, Tullio Palmerini, Gregg W. Stone, Robert W. Yeh

6:00 PM - 6:30 PM
First Decision. Acute Care: When to Use Potent Intravenous P2Y12 Inhibition
Lecturers: Gregg W. Stone

6:30 PM - 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

6:40 PM - 6:50 PM
Second Decision. DAPT Duration: What Variables Really Matter When Balancing Ischemic vs Bleeding Risk
Lecturers: Deepak L. Bhatt

6:50 PM - 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

7:00 PM - 7:10 PM
Third Decision. Antiplatelet Monotherapy: Who Which When and Why
Lecturers: Pascal Vranckx

7:10 PM - 7:20 PM
Case Study 3 With Discussion: A Case for Antiplatelet Monotherapy
Case Presenter: Dominick J. Angiolillo

7:20 PM - 7:30 PM
Fourth Decision. DAPT Use After DES in the Patient With Atrial Fibrillation: Practical Recommendations
Lecturers: C. Michael Gibson

7:30 PM - 7:40 PM
Case Study 4 With Discussion: A Patient with Simultaneous Active Ischemia and Bleeding
Case Presenter: Robert W. Yeh

7:40 PM - 8:00 PM
Unanswered Questions From the Audience

8:00 PM - Adjourn

NURSE AND TECHNOLOGIST SYMPOSIUM

CARDIOVASCULAR PROFESSIONALS (CVP) COURSE: 27TH ANNUAL CARDIOVASCULAR NURSE AND TECHNOLOGIST SYMPOSIUM: HANDS-ON TRAINING

SATURDAY, SEPTEMBER 22, 2018
1:00 PM - 4:00 PM
Room 6C, Upper Level
Accreditation: CME,CNE,ASRT,MOC

1:00 PM - 4:00 PM
Coronary Session (50 Minute Rotations)
Interactive Training Faculty: Martina Kelly Speight

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

1:50 PM
Break for Rotation Transition

2:50 PM
Break for Rotation Transition

FDA TOWN HALL

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
Discussants: David E. Kandzari, Aaron V. Kaplan, William H. Maisel, Roxana Mehran, Michael A. Mussallem, Campbell Rogers, Sean Salmon, Bram D. Zuckerman

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: John C Laschinger
Co-Moderator: Wayne B. Batchelor, Megan Coylewright
Discussants: J. Dawn Abbott, Lori M Ashby, Robert A. Byrne, David A. Cox, Mona Fiuzaat, Christopher O’Connor, John A. Spertus, Susan Strong

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
### HEMODYNAMIC PAVILION

#### TRAINING: HEMODYNAMIC SUPPORT AND PATIENT MANAGEMENT

**PAVILION #1 - LARGE BORE ACCESS AND CLOSURE**

**SATURDAY, SEPTEMBER 22, 2018**

<table>
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<tr>
<th>Time</th>
<th>Session</th>
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<tr>
<td>8:00 AM - 9:30 AM</td>
<td>Large Bore Access and Closure</td>
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**PAVILION #2 - CARDIOGENIC SHOCK (NCSI)**

**SATURDAY, SEPTEMBER 22, 2018**

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<th>Time</th>
<th>Session</th>
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<tr>
<td>10:00 AM - 11:30 AM</td>
<td>Cardiogenic Shock: The National Cardiogenic Shock Initiative</td>
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**PAVILION #3 - HEMODYNOMICS OF SHOCK AND HIGH RISK PCI**

**SATURDAY, SEPTEMBER 22, 2018**

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<th>Time</th>
<th>Session</th>
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<tr>
<td>2:00 PM - 3:30 PM</td>
<td>TEACH: Training and Education in Advanced Cardiovascular Hemodynamics</td>
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**PAVILION #4 - COMPLEX PROTECTED PCI**

**SATURDAY, SEPTEMBER 22, 2018**

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<th>Time</th>
<th>Session</th>
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<tr>
<td>4:00 PM - 5:30 PM</td>
<td>Simulated Cases On High Risk Percutaneous Coronary Intervention</td>
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**Patient Centered Engagement in Trials: Case Example**
Case Presenter: Schuyler Jones

**Roundtable Discussion with Audience QA**

**Large Bore Access and Closure**

**Roundtable Discussion with Audience QA**

**Moderators:**
- Andrew Farb
- Martin B. Leon

**Discussants:**
- Mohua Choudhury
- Peter J. Fitzgerald
- Ron Kornowski
- James K. Min
- Peter P. Monteleone
- Christopher O’Connor
- Campbell Rogers
- Larry L. Wood
- Bram D. Zuckerman

**Keynote Lecture: The Potential Impact of Machine Learning and Artificial Intelligence on Cardiovascular Medical Device Development**
Lecturers: Peter J. Fitzgerald

**FDA Perspectives**
Lecturers: Mohua Choudhury

**Industry Perspective**
Lecturers: Campbell Rogers

**Patient Perspective**
Lecturers: Susan Strong

**Roundtable Discussion with Audience QA**

**Cardiogenic Shock: The National Cardiogenic Shock Initiative**
Interactive Training Faculty: Ken Kasica, William W. O’Neill, Brian D Porvin, Dan Raess

**ICU Management: Positioning Troubleshooting Escalation Hands On**
Interactive Training Faculty: Ken Kasica, Brian D Porvin, Dan Raess

**Treating the Shock Patient: Choosing the Optimal Support Device**
Harvi Simulation Hands On PAC Use and Interpretation
Interactive Training Faculty: Ken Kasica, Brian D Porvin, Dan Raess

**Simulated Cases on Cardiac Shock**
Interactive Training Faculty: Daniel Burkhoff, Ken Kasica, John M. Lasala, Salvatore F Mannino, Perwaiz M. Meraj, D. Lynn Morris, Brian D Porvin, Dan Raess

**Simulated Cases On High Risk Percutaneous Coronary Intervention**
Interactive Training Faculty: Daniel Burkhoff, Ken Kasica, John M. Lasala, Salvatore F Mannino, Perwaiz M. Meraj, D. Lynn Morris, Brian D Porvin, Dan Raess
**SPECIAL@TCT SESSIONS**

**SPECIAL @TCT SESSION: CVREP@TCT - THE CHIP FORUM**

**SPECIAL@TCT SESSION**: TCT RUSSIA

**SATURDAY, SEPTEMBER 22, 2018**

**2:30 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 Zakarian

- **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 Zakarian

- **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
LBCT DISCUSSIONS

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

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, Lawrence A. Garcia
Discussants: Giuseppe De Luca, William A. Gray, Mahmoud K. Razavi, Luigi Salemme, Patrick W. Serruys, Pieter R. Stella, Clemens von Birgelen

5:00 PM BIONYX: Summary and Clinical Implications
Lecturers: Clemens von Birgelen

5:05 PM Discussion
Discussants: Clemens von Birgelen

5:15 PM TALENT: Summary and Clinical Implications
Lecturers: Patrick W. Serruys

5:20 PM Discussion
Discussants: Patrick W. Serruys

5:30 PM ReCre8: Summary and Clinical Implications
Lecturers: Pieter R. Stella

5:35 PM Discussion
Discussants: Pieter R. Stella

5:45 PM IMPERIAL: Summary and Clinical Implications
Lecturers: William A. Gray

5:50 PM Discussion
Discussants: William A. Gray

ABBOTT PAVILION

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 Introduction
8:05 AM Didactic Device Overview
8:25 AM Hands on Device Deployment

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 ABBOTT PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

10:00 AM OCT: Now that I see it.. Presentation

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 Guidewire Design and Selection: A Hands-on User’s Guide to Guide Wire Technology
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: 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
BOSTON SCIENTIFIC PAVILION

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 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: 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 Welcome Remarks
10:05 AM Coronary physiology toolbox and new options in non hyperemic pressure ratios NHPR
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10:19 AM FFR best practices and common artifacts
10:27 AM HD IVUS in complex cases

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 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: 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
BOSTON SCIENTIFIC PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

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

4:00 PM - 5:30 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: Steve Henao, Carlos I. Mena-Hurtado, Nicolas W Shammass, Craig M. Walker

4:00 PM  Welcome Remarks
4:05 PM  Imperial Clinical Trial Update and The Science Behind Eluvia
4:30 PM  When to Consider Atherectomy Vessel Prep Prior to Drug Eluting Therapies
4:45 PM  Physician Panel Discussion

MEDTRONIC PAVILION

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

8:00 AM - 9:30 AM  
Structural Heart: TAVR in Bicuspid Aortic Valve Training Workshop
Interactive Training Faculty: Basel Ramlawi

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: 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: 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: 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

2:00 PM - 3:30 PM  
Structural Heart: Fundamentals of Cardiac Anatomy and Imaging Correlation
Interactive Training Faculty: João L Cavalcante, Basel Ramlawi

2:00 PM  Introduction
2:05 PM  Anatomy Overview using Various Imaging Modalities for Structural Heart Procedures

TRAINING: MEDTRONIC PAVILION #5 - CORONARY: DO SIZE AND SHAPE MATTER? HOW TO CHOOSE THE RIGHT DIAGNOSTIC AND GUIDE CATHETERS?
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

CHIP PAVILION

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

8:00 AM - 9:30 AM
Prepare to Succeed in Complex PCI
Interactive Training Faculty: George S Chrysant, Ajay J. Kirtane, Sukhjinder S Nijjer, Bruce Samuels, Jasvindar Singh, Joachim Weil

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

10:00 AM - 11:30 AM
Prepare to Succeed in Complex PCI
Interactive Training Faculty: George S Chrysant, Sukhjinder S Nijjer, Manish A. Parikh, Bruce Samuels, Jasvindar Singh, Joachim Weil

ENDOVASCULAR PAVILION

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

8:00AM - 9:30AM
BTK (Tibiopedal Access) Session I
Interactive Training Faculty: George L Adams, Mohammad Mehdi Ansari, Philip Green, Karthik R. Gujja, Jun Li, Aravinda Nanjundappa, Rahul Sahuja, Ramzan Zakir

TRAINING: CHI...
### 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: Ali F. Aboufoues, Philip Green, Korthik R. Gujja, Steve Henao, Arthur C. Lee, Luis Mariano Palena, Rahul Sakhuja, Ramzan Zakir

10:00 AM

**Introduction: The Need for Guided Alternate Access Tibiopedal Antegrade**

### 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, S. Jay Mathews, Kevin Rogers

2:00 PM

**Introduction: The Need for Guided Alternate Access Tibiopedal Antegrade**

### 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-Sandoval, Vishal Kapur, Ethan C Korngold, Tak W. Kwan, Jun Li, S. Jay Mathews

4:00 PM

**Introduction: The Need for Guided Alternate Access Tibiopedal Antegrade**

### 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

Imaging Pavilion, Interactive Training Workshop, Upper Level

### 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

Interactive 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, Rebecca T. Hahn, Brij Maini, Robert J. Sommer, Torsten P. Vahl

### 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

Interactive 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, Brij Maini, Tamim Nazif, Gagan D Singh, Torsten P. Vahl

### 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

Interactive 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, Omar K. Khaliq, Chad Kliger, Brij Maini

### TAVR PAVILION

### 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

8:00AM - 9:30 AM
Advancing Anesthesia Care
Interactive Training Faculty: George Gellert, Chad Kliger, Komal D Patel, William M Suh

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

10:00AM - 11:30 AM
Understanding THV Hemodynamics and Durability
Interactive Training Faculty: Amr Abbas, Rebecca T. Hahn, Vinod H. Thourani, Neil J. Weissman

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

2:00PM - 3:30 PM
Advancing Efficiency in TAVR
Interactive Training Faculty: David J. Cohen, Patricia Keegan, James L. Velianou, David A. Wood

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

4:00PM - 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

SUNDAY, SEPTEMBER 23, 2018
6:30 AM - 8:00 AM
Room 27A-B, Upper Level

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

7:00AM - 8:00 AM
Breakfast Program: Advances in SFA Intervention - A Case Based Review
Chairs: Sahil A. Parikh
Faculty: Ehrin J. Armstrong, Arthur C. Lee, Mehdi H. Shishehbor

7:00 AM - 8:00 AM
CTO Crossing: Alternate Access or Alternate Devices
Lecturers: Arthur C. Lee

7:10 AM - 8:00 AM
Panel Discussion: Lesion Crossing Challenges

7:20 AM - 8:00 AM
Lesion Preparation in SFA Intervention: To Cut Spin Vaporize or Not
Lecturers: Ehrin J. Armstrong

7:30 AM - 8:00 AM
Drug Coated Balloons: Whats the Secret Sauce
Lecturers: Mehdi H. Shishehbor

7:40 AM - 8:00 AM
Stents for the SFA: Is a Stent Just a Stent
Lecturers: Sahil A. Parikh

7:50 AM - 8:00 AM
Panel Discussion: Whats My SFA Treatment Algorithm

8:00 AM - 9:00 AM
Adjourn

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

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

7:00AM - 8:00 AM
Antithrombotic Management in TAVR With Atrial Fibrillation
Co Chairs: George D. Dangas
Faculty: Raj Makkar, Josep Rodés-Cabau
7:00 AM Atrial Fibrillation AF in TAVR: Not Just an Innocent Bystander
Lecturers: Josep Rodés-Cabau
7:20 AM What is the Rationale for DOAC in TAVR With AF
Lecturers: George D. Dangas
7:32 AM Leaflet Thrombosis After AVR: Is DOAC the Answer
Lecturers: Raj Makkar
7:44 AM Panel Discussion
8:00 AM Adjourn

6:30 AM Check in and 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

6:30 AM - 8:00 AM New Frontiers in Robotic Interventions: Current & Future Technology (SPONSORED BY CORINDUS VASCULAR ROBOTICS)
SUNDAY, SEPTEMBER 23, 2018
6:30 AM - 8:00 AM Room 31B-C, 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 QuestionsAnswers
8:00 AM Adjourn

6:30 AM - 8:00 AM 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 23B-C, Upper Level
6:30 AM - 8:00 AM Management of Complex PCI Patients: Award Winning Case Presentations
Chairs: David Wohns, MD
Panel Discussant: Amir Kaki
Faculty: Ali Farooq, Hirofumi Ohtani, Abhishek Sharma
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: Lawrence Ang
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

6:30 AM - 8:00 AM Optimization of Vessel Access and Closure in Large Bore Catheter Procedures (SPONSORED BY CRF, SUPPORTED BY...)
SUNDAY, SEPTEMBER 23, 2018
6:30 AM - 8:00 AM Room 32A-B, Upper Level
6:30 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 Tayal, David A. Wood

7:00 AM  Introduction
Lecturers: Martin B. Leon

7:02 AM  Getting Optimal Arterial and Venous Access for Large Bore Catheter Procedures
Lecturers: Michael J. Rinaldi

7:12 AM  Large Bore Vessel Closure Management: Tips and Tricks and Adjunctive Techniques
Lecturers: Amir Kaki

7:22 AM  Access and Closure for Alternative Access: Focus on Percutaneous Transaxillary Approach
Lecturers: James M. McCabe

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

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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 How Does it Work To Optimize Care
Lecturers: John D. Carroll

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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 Team
Chairs: Michael J. Reardon
Faculty: Danny Dvir, Hemal Gada, James B. Hermiller Jr, Christian Spies

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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
6:30 AM  Check in  Breakfast

7:00 AM  Welcome
Lecturers: Morton J. Kern

7:15 AM  Contrast Media Toxicity  Limiting the Effects of AKI through Volume Control
Lecturers: Jeff Chambers

7:25 AM  Reducing Radiation Exposure for the Entire Heart Team
Lecturers: Robert F. Wilson, MD

7:40 AM  Improving CAD Assessment in the Cath Lab: Sensor and Angiographically Based FFR and Translesional Physiology
Lecturers: Morton J. Kern

7:55 AM  Wrap up QA
Lecturers: Morton J. Kern

8:00 AM  Adjourn

MAIN ARENA

MAIN ARENA II, SUNDAY, SEPT. 23

SUNDAY, SEPTEMBER 23, 2018
8:00 AM - 1:05 PM
Main Arena, Hall F, Ground Level
Accreditation: CME,ASRT,MOC,CNE

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, Sammy Elmariah, Isaac George, Rebecca T. Hahn, James B. Hermiller Jr, Howard C. Herrmann, Eric Horlick, Ruediger S. Lange, Raj Makkar, Wilson Y. Szeto
Factoid Faculty: Christine J. Chung, Amirali Masoumi, Megha Prasad, Hussein M. Rahim, Sabato Sorrentino, Eiuke 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, Marvin Eng, Tiberio Frisoli, Michael Isley, James Lee, William W. O’Neill, Pedro Villablanca, Dee Dee Wang

9:30 AM - 9:35 AM  TCT 2018: Welcome and Announcements
Lecturers: Juan F. Granada

9:30 AM  Welcome Message from Dr. Granada
Lecturers: Juan F. Granada

9:35 AM - 10:05 AM  Rapid Fire Case Controversies: Structural
Moderators: Vinayak Bapat, Susheel K. Kodali
Discussants: Philippe Generex, Martin B. Leon, Scott Lim, Michael J. Mack, Raj Makkar, Patrick T. O’Gara, Michael J. Reardon, Allan Schwartz

9:35 AM  Low Surgical Risk Aortic Stenosis In The Us: The Patient Really Wants TAVR
Case Presenter: Mathew Williams

9:45 AM  Bicuspid Aortic Stenosis: How To Treat
Case Presenter: Ran Kornowski

9:55 AM  Secondary Mitral Regurgitation With Severely Reduced LVEF
Case Presenter: Saibal Kar

10:05 AM - 10:20 AM  TCT 2018 Career Achievement Award
Moderators: Martin B. Leon, Gregg W. Stone
Award Recipients: Bram D. Zuckerman

10:20 AM - 11:20 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, Stephan Windecker

10:20 AM  COAPT: A Randomized Trial of Transcatheter Mitral Valve Leaflet Approximation in Patients With Heart Failure and Secondary Mitral Regurgitation
Lecturers: Gregg W. Stone

10:20 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

10:55 AM  Roundtable Discussion

11:00 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

11:12 AM  Roundtable Discussion

11:20 AM - 12:05 PM  Live Cases #4
Live Case Moderators: Sahil A. Parikh
Live Case Co Moderators: Tony Das
Live Case Discussants: Somjot S. Brar, Brian G. DeRubertis, Lawrence A. Garcia, Vishal Kapur, Robert A. Lookestein, Oscar A. Mendia, Aman B. Patel, Virendra I Patil, James P. Zidar
Factoid Faculty: Christine J. Chung, Amirali Masoumi, Megha Prasad, Hussein M. Rahim, Sabato Sorrentino, Eiuke Usui

11:20 AM  Wellmont Holston Valley Hospital Kingsport TN
Live Case Operators: Mark Aziz, D. Christopher Metzger

12:05 PM - 1:05 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
10:00 AM  
McGill University Health Center Montreal Canada  
Live Case Operators: Giuseppe Martucci, Nicolo Piazza

11:00 AM  
Erasmus Medical Center Rotterdam Netherlands  
Live Case Operators: Nicolas M. Van MieghemLive 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
Accrediation: CME,ASRT,MOC,CNE

2:00 PM - 4:00 PM  
Session I. Live Cases: CHIP/CTO  
Live Case Moderators: George D. Dangas
Live Case Co Moderators: Masahiko Ochiai
Factoid Faculty: Christine J. Chung, Amirali Masoumi, Evan Shlofmitz, Sabato Sorrentino, Eiseure Usui

2:00 PM  
Henry Ford Hospital Detroit MI  
Live Case Operators: Khaldoon Alaswad, Mohammed Alqarqazq, Tiberio Frisoli, William W. O'Neill

3:00 PM  
McGill University Health Center Montreal Canada  
Live Case Operators: Sonny Dandona, Stéphane Rinfret

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, Rajesh M. Dave, Robert D. Safian, Rahul Sakhuja, Luigi Salemme, Christopher J. White, Jose M. Wiley, James P. Zidar
Factoid Faculty: Christine J. Chung, Amirali Masoumi, Evan Shlofmitz, Sabato Sorrentino, Eiseure Usui

4:00 PM  
Wellimont Holston Valley Hospital Kingsport TN  
Live Case Operators: Mark Aziz, D. Christopher Metzger

5:00 PM  
Scripps Clinic and Research Foundation La Jolla California  
Live Case Operators: Curtiss T. Stins

KEYNOTE PRESENTATION THEATER

KEYNOTE INTERVENTIONAL STUDIES IV: DRUG-ELUTING STENTS, BIORESORBABLE SCAFFOLDS, AND DRUG-COATED BALLOONS

SUNDAY, SEPTEMBER 23, 2018
8:00 AM - 9:00 AM
Ballroom 6A, Upper Level
Accrediation: CME,MOC
KEYNOTE INTERVENTIONAL STUDIES IV: Drug-Eluting Stents, Bioresorbable Scaffolds, and Drug-Coated Balloons I
Moderators: Michael Haude, Robert-Jan van Geuns

8:00 AM RENASCENT 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

9:00 AM - 9:00 AM
KEYNOTE INTERVENTIONAL STUDIES V: DRUG-ELUTING STENTS, BIORESORBABLE SCAFFOLDS, AND DRUG-COATED BALLOONS II
SUNDAY, SEPTEMBER 23, 2018
9:00 AM - 10:00 AM
Ballroom 6A, Upper Level
Accrediation: CME,MOC

9:00 AM - 10:00 AM
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, Aloke 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

12:45 AM - 2:00 PM
KEYNOTE INTERVENTIONAL STUDIES VI: STRUCTURAL HEART INTERVENTIONS I
SUNDAY, SEPTEMBER 23, 2018
12:45 PM - 2:00 PM
Ballroom 6A, Upper Level
Accrediation: CME,MOC

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: Ronak Delewi

1:10 PM Discussion

1:15 PM OBSERVANT: Five Year Outcomes After Transcatheter or Surgical Aortic Valve Replacement in a LowIntermediate 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 AntiplateletNo Therapy Subgroup Analysis
Lecturers: Martin W. Bergmann

1:55 PM Discussion

DIDACTIC SESSIONS
DIDACTIC SESSION: INTRAVASCULAR IMAGING - STENT GUIDANCE AND VULNERABLE PLAQUE ASSESSMENT AND MANAGEMENT

SUNDAY, SEPTEMBER 23, 2018
8:00 AM - 12:00 PM
Room 2, Upper Level
Accreditation: CME,CNE,MOC,ASRT

8:00 AM - 9:30 AM
Session I. Vulnerable Plaque and Culprit Lesion Imaging
Moderators: James E. Muller, Yoshinobu Onuma, Peter H. Stone
Discussants: Takashi Akasaka, David Erlinge, Hector M. Garcia-Garcia, 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 Shlomfritz, 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 Assess Non LMCA Stenosis Severity Instead of FFR

9:50 AM
Lecturers: Evelyn Regar

10:00 AM
IVUS and/or OCT in the Assessment of Coronary Calcification and Guidance of Plaque Modification Strategies
Lecturers: Akiko Maehara

10:12 AM - 11:15 AM
Session III. Optimizing Stent Implantation
Moderators: Akiko Maehara, Evelyn Regar
Discussants: Stephan Achenbach, Adnan K. Chhatriwalla, Nicolas Foin, Ning Guo, Takashi Kubo, Seung-Jun Park, Francesco Prati, Matthew J. Price

10:12 AM
Intravascular Imaging to Size and Optimize Stent Implantation: A Step by Step Algorithm
Lecturers: Ulf Landmesser

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

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 Shlomfritz

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 Chami, Lisette Okkels Jensen, Michael Joner, Gary S. Mintz, Lorenz Raber, Andrew Sharp

11:15 AM
Case 8: Under Expanded Stent with ISR Treated by Laser Atherectomy or Lithotripsy
Case Presenter: Jonathan M. Hill

11:22 AM
Case 9: Very Late Stent Thrombosis
Case Presenter: Jose de Ribamar Costa Jr

11:29 AM
Intravascular Imaging to Evaluate Stent Thrombosis and Restenosis
Lecturers: Lorenz Raber

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
Accreditation: CME,ASRT,MOC,CNE

8:00 AM - 9:08 AM
Session I. Bifurcation Technique Introduction
Moderators: Bernard R. Chevalier, David Hildick-Smith
Discussants: Ran Korowski, Ahmed Magdy, Detlef G. Mathey, Sunao Nakamura, Manish A. Parikh, Yuejin Yang
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-Chool 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. Banning

9:55 AM
The Spectrum of POT Techniques
Lecturers: Hyeon-Chool Gwon

10:02 AM
Roundtable Discussion With Audience QA

10:07 AM
OCT Guidance for 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 Shlofmitz

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, Ioannis Iakovou
Discussants: Arif Al Nooryani, Carlo Briguori, Philippe Garot, Jorge Gaspar, Michael S. Lee, 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: Alain 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
Accreditation: CME,CNE,MOC,ASRT

8:00AM - 9:00 AM
Session I. 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, Yan Topilsky

8:00 AM
Tricuspid is the Forgotten Valve No More
The Natural History Reflections and Rationale for Treatment
Lecturers: Jeroen J. Box

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
Lecturers: João L Cavalcante

8:56 AM  Discussion

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: Saf Anwaruddin, Paul A. Grayburn, Stamatis Lerakis, Jose Luis Navia, 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

9:54 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 Dentì, 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: Ansha 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
Accreditation: CME,ASRT,MOC,CNE

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, Stuart J. Pocock
Discussants: Rasha Al-Lamee, Colin Berry, David J. Cohen, Bernard J. Gersh, Andrew Sharp, Paul A. Sobota, 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: John A. Bittl, 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: Eugene H. Blackstone, Ovidiu Dressler, Daniele Giacoppo, Schuyler Jones, Peter Juni, Roseann M White, Robert W. Yeh
DIDACTIC SESSION: PCI PHARMACOTHERAPY - PROCEDURAL ANTITHROMBINS AND ACUTE/CHRONIC DAPT

SUNDAY, SEPTEMBER 23, 2018
2:00 pm - 6:00 pm
Room 2, Upper Level
Accreditation: CME,CNE,MOC,ASRT

2:00 PM - 3:20 PM
Session I. PCI Pharmacotherapy: Periprocedural Antithrombotic and Antiplatelet Therapy
Moderators: John A. Bittl, C. Michael Gibson
Discussants: Jose Diez, David Erlinge, Dmitriy 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

3:20 PM - 4:09 PM
Session II. Optimal DAPT Duration After DES Placement
Moderators: Deepak L. Bhatt, Tullio Palmerini
Discussants: Sorin J. Brener, Fausto Feres, Hyeon-Cheol Gwon, Yaling Han, Javaid Iqbal, Neal S. Kleiman, Huay Cheem Tan

3:20 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

4:09 PM - 5:10 PM
Session III. Antiplatelet Therapy After DES in Patients on Chronic Oral Anticoagulation
Moderators: Davide Capodanno, Giulio Stefanini
Discussants: Robert A. Byrne, Piera Capranzano, Germando Di Sciascio, Kurt Huber, Roxana Mehran, Michelle O'Donoghue

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
**Session IV. Antplatelet Potpourri**

**Moderators:** Dominick J. Angiolillo, Elimir Omerovic

Discussants: Andrea Abizaid, Jaya Chandrasekhar, Gregory Ducrocq, Michael A. Kutcher, Jorge F. Saucedo, Thomas D. Stuckey

**2:00 PM** Didactic Session: The Left Main and Bifurcation Summit, Part 2

**2:00 PM - 3:06 PM**

**Session IV. Special Situations in Bifurcations**

Moderators: Jens Flensted Lassen, Yves R. Louvard

Discussants: Vinay K. Bahl, Allen Jeremias, Fazila T. Malik, Tanveer Rab, Giuseppe Tarantini, Carlos E. Uribe

**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

**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

**2:47 PM** Periprocedural Management of Anticoagulation in Patients With Nonvalvular Atrial Fibrillation

Lecturers: Robert A. Byrne

**2:55 PM** Roundtable Discussion

**3:06 PM - 4:20 PM**

**Session V. Focus on Left Main Stenting Outcomes**

Moderators: Raj Makkar, 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: Niels R. Holm

**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: Aloïde Chieffo

**3:40 PM** Ten Year Outcomes of LM PCI: From the Fu Wai Left Main Registry

Lecturers: Bo Xu

**3:48 PM** Long Term Outcomes of LM PCI vs CABG: New Insights From the MAIN COMPARE and IRIS MAIN Registries

Lecturers: Duk-Woo Park

**4:08 PM** Roundtable Discussion With Audience QA
### Session I. Overview, Imaging, and Patient Selection

**Moderators:** Paul A. Grayburn, Robert J. Siegel  
**Discussants:** Victoria Delgado, Linda D. Gillam, Jonathon A. Leipsic, Stephen H. Little, Priti Mehla, Carlos E. Ruiz

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<th>Time</th>
<th>Topic</th>
<th>Lecturers</th>
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<tr>
<td>2:00 PM</td>
<td>MR Quantification 2018: The Latest in MR Grading and Reporting</td>
<td>Maurice E. Sarano</td>
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<td>2:07 PM</td>
<td>Primary MR: Spectrum of Disease and Influence on Transcatheter Therapy Applicability and Outcomes</td>
<td>Scott Lim</td>
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<tr>
<td>2:14 PM</td>
<td>Functional MR: Spectrum of Disease and Influence on Transcatheter Therapy Applicability and Outcomes</td>
<td>Paul A. Grayburn</td>
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<tr>
<td>2:21 PM</td>
<td>TEE Imaging Essentials: Screening Patients for MitraClip Transcatheter Annuloplasty and TMVR Procedures</td>
<td>Randolph P. Martin</td>
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<tr>
<td>2:28 PM</td>
<td>CT Imaging Essentials: Screening Patients for MitraClip Transcatheter Annuloplasty and TMVR Procedures</td>
<td>Philipp Blanke</td>
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<tr>
<td>2:35 PM</td>
<td>Imaging Make or Break: Challenging Imaging Scenarios During Transcatheter Mitral Repair Procedural Guidance</td>
<td>Rebecca T. Hahn</td>
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<td>2:42 PM</td>
<td>Roundtable Discussion With Audience QA</td>
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### Session II. MitraClip Registry and (at Last) Randomized Trial Outcomes

**Moderators:** Stefan Anker, Saibal Kar  
**Discussants:** Blase A. Carabello, Jörg Hausleiter, Hüseyin Ince, Jean-Francois Obadia, Paul Sorajja, Neil J. Weissman

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<tr>
<td>2:52 PM</td>
<td>The MitraFR Trial: Results Expected and Unexpected</td>
<td>Jean-Francois Obadia</td>
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### Session III. Mitral Valve Leaflet Repair: MitraClip and Beyond

**Moderators:** Ted Feldman, Joachim Schofer  
**Discussants:** Saif Anwaruddin, Scott Lim, Robert E. Michler, Matthew J. Price, Michael J. Rinaldi, Fayaz Shawl

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<tr>
<td>3:34 PM</td>
<td>The Mitral Surgeons Perspective: What Transcatheter Tools Are Necessary to Emulate Surgical Results</td>
<td>Steven F. Bolling</td>
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<td>3:41 PM</td>
<td>MitraClip Patient Selection 2018: Can We Predict An Excellent Result Sustained MR Less Than or Equal to 1</td>
<td>Karl-Heinz Kuck</td>
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<td>3:48 PM</td>
<td>Experiences With Next Generation MitraClip: What Are the Meaningful Differences</td>
<td>Saibal Kar</td>
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<td>3:55 PM</td>
<td>Two Case Presentations: One Highly Successful and One Highly Unsuccessful MitraClip in Primary MR</td>
<td>James B. Hrsmiller Jr</td>
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<td>4:03 PM</td>
<td>Two Case Presentations: One Highly Successful and One Highly Unsuccessful MitraClip in Secondary MR</td>
<td>Stephan Baldus</td>
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<td>4:11 PM</td>
<td>Surgery After Failed MitraClip: Feasibility and Outcomes</td>
<td>Gorav Ailawadi</td>
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<td>4:18 PM</td>
<td>MitraClip After Failed Surgical Repair: Approach and Challenges</td>
<td>Saibal Kar</td>
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<td>4:25 PM</td>
<td>Single Leaflet Detachment and Clip Embolization: Causes and Management</td>
<td>Samir R. Kapadia</td>
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<td>4:32 PM</td>
<td>PASCAL System for Transcatheter Mitral Leaflet Repair: Initial Experience and Outcomes</td>
<td>Neil P. Fam</td>
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<td>4:39 PM</td>
<td>Roundtable Discussion With Audience QA</td>
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### Session IV. The Transcatheter Mitral Valve Repair World Beyond MitraClip

**Moderators:** Jason H. Rogers, Ralph Stephan von Bardeleben  
**Discussants:** Steven F. Bolling, Steven L. Goldberg, Azeem Latib, Francesco Maisano, Molly Szerlip, Stephen G. Worthley

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<tr>
<td>4:49 PM</td>
<td>Cardioband Direct Annuloplasty for Functional MR: Device Data Synthesis and Pivotal Clinical Trial Progress</td>
<td>Vinod H. Thourani</td>
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<td>4:57 PM</td>
<td>Carillon Indirect Annuloplasty for Functional MR: Device Data Synthesis and Pivotal Clinical Trial Progress</td>
<td>Ralph Stephan von Bardeleben</td>
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<td>5:05 PM</td>
<td>AccuCinch Basal Ventriculoplasty for Functional MR and Heart Failure: Device Procedure and Updated Outcomes</td>
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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
Accreditation: CME, ASRT, MOC, CNE

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, Karthik R. Gujja, Craig M. Walker

12:15 PM
Considerations When Starting an Office Based Laboratory or Ambulatory Surgery Center
Lecturers: Craig M. Walker

12:25 PM
Benefits for Patients and Providers in the Outpatient Setting
Lecturers: Brian G. DeRubertis

12:35 PM
OBLs as a Model for Increased Delivery of Vascular Care
Lecturers: Brian G. DeRubertis

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, Robert A. Lookstein
Discussants: Ali F. Aboufaraes, Tak W. Kwan

1:00 PM
Cases to Avoid and Complication Management
Case Presenter: Ali F. Aboufaraes

1:10 PM
Outpatient Procedure Adoption and Implications of Over Utilization
Lecturers: Jeffrey G. Carr

1:20 PM
Maintaining Quality in the OBL Setting
Lecturers: Jeffrey G. Carr

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 - 1:40 PM
Room 32A-B, Upper Level
Accreditation: CME, CNE, MOC, ASRT

12:15 PM
Case 8: Acute Stroke Thrombectomy For Large Vessel Occlusion With Low NIHSS
Case Presenter: Matthew Koch

1:35 PM
Roundtable Discussion With Audience QA
12:15 PM - 1:40 PM
Treatment of Acute Pulmonary Embolism Co-Sponsored by the PERT Consortium
Moderators: Riyaz Bashir, Kenneth Rosenfield, Victor F. Tapson
Discussants: Vikas Aggarwal, Mahir Elder, Jay S. Giri, Gregory Piazza, Akhilesh K. Sista

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 The Case for Catheter based Therapy for Massive PE as the Principal Approach
Lecturers: Akhilesh K. Sista

1:11 PM The Case for Surgical Therapy for Massive PE as the First line Therapy
Lecturers: Marisa Cevasco

1:19 PM The Case for ECMO or Other RV Support as 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

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: Danielle Bajakian

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, Patrick T. O’Gara, Darren B Schneider, Hiroo Takayama

3:20 PM Endografting in Women: Are There Gender Differences in Technique or Outcomes With Case Examples
Lecturers: Danielle Bajakian

3:28 PM Endografting in Type A Dissection With Case Examples
Lecturers: Hiroo Takayama

3:36 PM Imaging in Type B Dissection Endografting: IVUS Assisted Techniques With Case Examples
Lecturers: Virendra I Patel

3:44 PM Endovascular Aortic Repairs: Historical Perspectives
Lecturers: Darren B Schneider

3:52 PM Roundtable Discussion What Are the Unmet Needs in Endo grafting

TCT ENDOVASCULAR: EVAR/TEVAR DEEP DIVE

REGIONAL SESSIONS

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
Accreditation: CME,ASRT,MOC,CNE

2:00PM - 3:20 PM
Session I. Latest EVAR and TEVAR Strategies
Moderators: Robert A. Lookstein, Virendra I Patel
Discussants: J. Michael Bacharach, Danielle Bajakian, Somjot S. Brar, Bryan T. Fisher, Patrick T. O’Gara, Hiroo Takayama

2:00PM - 2:40 PM
Session I. Challenges of Left Main/Bifurcation Interventions
Moderators: Ran Kornowski, Mohamed Ahmed Sobhy
Discussants: Magdy Abdelhamid, Samir Ahnia, Kais Battikh, Lear Perl
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
Accreditation: CME,MOC,ASRT

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 C. 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

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
Accreditation: CME,MOC,ASRT

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, Jose de Ribamar Costa Jr, Hitinder S. Gurm, Navin K. Kapur, Roxana Mehran

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

HOT TOPIC LUNCHES
EXPERT CASE REVIEW LUNCHES

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
Accrediation: CME,MOC

12:15 PM - 1:51 PM
Acute Infarct Angioplasty and Cardiogenic Shock
Moderators: David A. Cox, Timothy D. Henry

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: Sanjog Kalra

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 That We Treated With Impella
Case Presenter: A. Roshad Garan

1:14 PM
Case 8: A Case of Cardiogenic Shock That We Treated With ECMO
Case Presenter: Michael S. Lee

1:22 PM
Case 9: A Case of Cardiogenic Shock That We Treated With Biventricular Support
Case Presenter: Paul Knapen

12:50 PM
Introduction: What Do We Hope to Learn From These Cases
Lecturers: Josep Rodés-Cabau

12:52 PM
Case 1: A Complex TAVR Decision: Prohibitive Surgical Risk vs The Type C Patient
Case Presenter: Anthony A. Bavry

1:00 PM
Case 2: A Case of Minimalist TAVR With Single Femoral Access
Case Presenter: Bernard R. Chevalier

1:08 PM
Case 3: A Case in Which We Pushed the Envelope to Complete a Transfemoral TAVR
Case Presenter: Juan A. Terré

1:16 PM
Case 4: Trans Carotid TAVR Step by Step
Case Presenter: Keith B. Allen

1:24 PM
Case 5: A Case of Pure Non Calcific Aortic Insufficiency Treated With TAVR
Case Presenter: Wei-Hsian Yin

1:32 PM
Case 6: 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
12:15 PM - 1:45 PM
CTO Retrograde Techniques
Moderators: Masahiko Ochiai, Georgios Sianos
Discussants: Tony J. DeMartini, Kefei Dou, Omer Goktekin, William Nicholson, Jason Wallmuth, 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: Khalid Omar Tommam

12:30 PM
Case 2: Retrograde CTO Technique: A Case Emphasizing How to Connect The Wires
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

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
Accreditation: CME,MOC

12:15 PM - 1:47 PM
Interventional Rich Emotional Experiences (AKA Complications) II: Structural
Moderators: Samir R. Kapadia, Bernard Prendergast
Discussants: Eric Eeckhout, Ganesh Manoharan, John C. Messenger, Bernhard Reimers, Paul Sorajja, Eric Vang

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

SUNDAY, SEPTEMBER 23, 2018
12:15 PM - 1:59 PM
Room 27A, Upper Level
Accreditation: CME,MOC

12:15 PM - 1:59 PM
LAA Occlusion: Decisions, Tips, and Tricks
Moderators: Maurice Buchbinder, Vivek Y. Reddy
Discussants: Habib Gamra, Aaron V. Kaplan, Ulf Landmesser, Petr Neužil, 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: Acute LAA Closure Device Embolization With Challenging Retrieval
COMPLEX INTERVENTIONS: EXPERT CASE REVIEWS - PHYSIOLOGIC GUIDANCE - FFR, IFR, CFR AND IMR

SUNDAY, SEPTEMBER 23, 2018
12:15 PM - 1:47 PM
Room 338-C, Upper Level
Accreditation: CME, MOC

12:15 PM - 1:47 PM
Physiologic Guidance in the Cath Lab: FFR, IFR and More
Moderators: Justin E. Davies, Javier Escaned
Discussants: Felix Bohm, Matthias Götberg, Michalis Hamilos, Niels R. Holm, Erick Schampaert, Adhir Shroff

12:15 PM
Introduction: What Do We Hope to Learn From These Cases
Lecturers: Javier Escaned

12:18 PM
Case 1: A Case of Physiological Assessment of a Myocardial Bridge
Case Presenter: Amir Lerman

12:25 PM
Case 2: A Case in Which 3 Vessel FFR Markedly Changed My Treatment
Case Presenter: Seung-Jung Park

12:32 PM
Case 3: A Case in Which FFR Of A Mild Lesion Led Me To Stent
Case Presenter: Valerian Fernandes
Case 4: A Case in Which Post Stent FFR Assessment Changed My Treatment  
**Case Presenter:** Roberto Diletti

Case 5: A Case of iFR Co Registration To Identify Focal Treatable Disease  
**Case Presenter:** Justin E. Davies

Case 6: A Case of FFR and iFR in the Left Main Which To Believe  
**Case Presenter:** Robert J. Gil

Case 7: A Case With Marked Discordance Between FFR and iFR Which to Believe  
**Case Presenter:** Eric Van Belle

Case 8: A Case of Culprit and Non Culprit Lesion Assessment in ACS: FFR iFR Both or Nither  
**Case Presenter:** Shengxian Tu

Case 9: A Case in Which it Was Preferable To Measure Coronary Flow Not Pressure  
**Case Presenter:** Jan J. Piek

Case 10: A Case Demonstrating the Resting Full Cycle Ratio RFR  
**Case Presenter:** Allen Jeremias

Case 11: A Case of Demonstrating the Potential Utility of vFFR  
**Case Presenter:** Joost Daemen

Case 12: A Case Demonstrating the Potential Utility of QFR  
**Case Presenter:** Gerhard C. Schuler

Take Home Messages: What Did We Learn From These Cases  
**Lecturers:** Justin E. Davies

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**SPECIAL SESSIONS**

**SPECIAL SESSION: 30TH TCT ANNIVERSARY CELEBRATORY KEYNOTE**

**SUNDAY, SEPTEMBER 23, 2018**

2:00 PM - 2:30 PM  
Ballroom 6A, Upper Level

**2:00 PM - 2:30 PM**

**30th TCT Anniversary Celebratory Keynote Lecture**

**Moderators:** Richard A. Schatz, Patrick W. Serruys  
**Discussants:** Rafael Beyar, Peter C. Block, Jean Fajadet, 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**

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**SPECIAL SESSION: HEMODYNAMIC BRAIN TEASERS FROM THE CATH LAB**

**SUNDAY, SEPTEMBER 23, 2018**

2:00 PM - 3:30 PM  
Room 23B-C, Upper Level  
**Accreditation:** CME,MOC

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**FASCINATING LECTURES II: ARTIFICIAL INTELLIGENCE, MACHINE LEARNING, AND ADVANCED IMAGING**

**SUNDAY, SEPTEMBER 23, 2018**

2:30 PM - 3:45 PM  
Ballroom 6A, Upper Level  
**Accreditation:** CME,MOC

**2:30 PM - 3:45 PM**

**Artificial Intelligence, Machine Learning, and Advanced Imaging**

**Moderators:** Mayra Guerrero, James K. Min  
**Discussants:** Anthony N. DeMaria, Kishore J. Harjai, Randolph P. Martin, Peter H. Stone, 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
### PRESENTATION THEATER PROGRAMS

#### 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

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:30 AM</td>
<td>Welcome</td>
</tr>
<tr>
<td>Lecturers: Jose M. de la Torre Hernandez</td>
<td></td>
</tr>
<tr>
<td>11:34 AM</td>
<td>Left Main NEW EXCEL Data and Case Review</td>
</tr>
<tr>
<td>Lecturers: Jonathan M. Hill</td>
<td></td>
</tr>
<tr>
<td>11:53 AM</td>
<td>Diffuse and Calcified Lesions: Treating Challenging Situations</td>
</tr>
<tr>
<td>Lecturers: Ajay J. Kirtane</td>
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</tr>
<tr>
<td>12:12 PM</td>
<td>How to Use OCT to Get Precise Placement for Bifurcations: Introduction to the BOOM Technique</td>
</tr>
<tr>
<td>Lecturers: Allen Jeremias</td>
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<tr>
<td>12:30 PM</td>
<td>Adjourn</td>
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</table>

#### 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 Theater 4, Exhibit Hall, Ground Level

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:30 AM</td>
<td>Welcome</td>
</tr>
<tr>
<td>Lecturers: Morton J. Kern</td>
<td></td>
</tr>
<tr>
<td>11:45 AM</td>
<td>Overview of the HeartFlow Analysis</td>
</tr>
<tr>
<td>Lecturers: Bernard De Bruyne, MD, PhD</td>
<td></td>
</tr>
<tr>
<td>11:55 AM</td>
<td>Incorporating HeartFlow into Daily Practice</td>
</tr>
<tr>
<td>Lecturers: Robert D. Safian</td>
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<tr>
<td>12:05 PM</td>
<td>On the Horizon: HeartFlow Sponsored Randomized Clinical Trials I PRECISE</td>
</tr>
<tr>
<td>Lecturers: Pamela S. Douglas</td>
<td></td>
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<tr>
<td>12:10 PM</td>
<td>On the Horizon: HeartFlow Sponsored Randomized Clinical Trials II DECISION</td>
</tr>
<tr>
<td>Lecturers: Gregg W. Stone</td>
<td></td>
</tr>
<tr>
<td>12:15 PM</td>
<td>Moderated Discussion</td>
</tr>
<tr>
<td>Moderators: Gregg W. StoneLecturers: Bernard De Bruyne, MD, PhD</td>
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</tbody>
</table>

#### 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

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:30 AM</td>
<td>Using One FFR Wire Start to Finish</td>
</tr>
<tr>
<td>Lecturers: Morton J. Kern</td>
<td></td>
</tr>
</tbody>
</table>
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

- 11:30 AM  
  Treatment of Mitral Disease in 2018: Current State
  Lecturers: Christopher U. Meduri

- 11:34 AM  
  Transcatheter Mitral Valve Replacement: Rationale and Trial Design Considerations
  Lecturers: Martin B. Leon

- 11:46 AM  
  Discussion and Audience Interaction

- 11:49 AM  
  CT Imaging and Screening the Transcatheter Mitral Valve Replacement Patient
  Lecturers: Vinayak Bapat

- 11:57 AM  
  Discussion and Audience Interaction

- 12:00 PM  
  Optimizing Medical Care for the Transcatheter Mitral Valve Replacement Patient
  Lecturers: Christopher U. Meduri

- 12:10 PM  
  Discussion and Audience Interaction

- 12:13 PM  
  Intrepid Transcatheter Mitral Valve Replacement Global Pilot Study Outcomes: Lessons Learned
  Lecturers: Michael J. Mack

- 12:23 PM  
  Discussion and Audience Interaction

- 12:26 PM  
  Session Evaluation and Key Learnings
  Lecturers: Martin B. Leon, Christopher U. Meduri

- 12:30 PM  
  Adjourn

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**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

11:30 AM - 12:30 PM
**Unveiling the Future of Bioresorbable Coronary Scaffolds: The Thin-Walled High Mechanical Performance Amaranth Medical BRS Program**
Chairs: Antonio Colombo, Martin B. Leon
Faculty: Aloide 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

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**PRESENTATION THEATER PROGRAM: CLINICAL KALEIDOSCOPE OF NOVEL INTERVENTIONAL TECHNOLOGIES (SPONSORED BY MERIL LIFE SCIENCES PVT. LTD.)**

SUNDAY, SEPTEMBER 23, 2018
1:00 PM - 2:00 PM
Presentation Theater 2, Hall B2, Ground Level

1:00 PM - 2:00 PM
**Clinical Kaleidoscope of Novel Interventional Technologies**
Chairs: Teguh Santoso, Samin K. Sharma
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: Pravin K Goel

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 Adjoin

1:00 PM - 2:00 PM Optimizing PCI: New Options in Coronary Physiology & High Definition IVUS
SPONSORED BY BOSTON SCIENTIFIC CORPORATION

1:00 PM CoroPhysiology Toolbox
Lecturers: Morton J. Kern

1:05 PM DFR Methodology Analysis
Lecturers: Nils Johnson

1:15 PM Panel Discussion
Moderators: Morton J. KernDiscussants: Ziad A. Ali, Nils Johnson, Akiko Maehara

1:20 PM When to Use What in Coronary Physiology
Lecturers: Ziad A. Ali

1:30 PM Panel Discussion
Moderators: Morton J. KernDiscussants: Ziad A. Ali, Nils Johnson, Akiko Maehara

1:35 PM HD IVUS When Precision Depth Matter
Lecturers: Akiko Maehara

1:50 PM Panel DiscussionQA
Moderators: Morton J. KernDiscussants: Ziad A. Ali, Nils Johnson, Akiko Maehara

PRESENTATION THEATER PROGRAM: MORE OPTIONS AND MORE POSSIBILITIES IN TREATING 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 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 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

1:00 PM Optimizing Revascularization in Complex Peripheral Arterial Lesions
SPONSORED BY MEDTRONIC

1:00 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. DeRubeatis

1:40 PM Optimal Angioplasty Techniques Below the Knee
Lecturers: Jon C. George

1:55 PM Closing Remarks
Lecturers: Krishna J. Rocha-Singh

INTERNATIONAL SOCIETY SESSIONS

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)
8:30 AM - 9:11 AM
Session I. High-Risk and Complex Intervention Part 1
Moderators: Paul Hsien-Li Kao, Wasan Udayachalerm
Discussants: Wacin Buddhari, Chi-Jen Chong, Takaharu Nakayoshi, Sodirar Rifqi, 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 Wongpraparat

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: Yoshika Hata

8:55 AM Taiwan Presents: Taiwan TAVR Registry
Lecturers: Wei-Hsian 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

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

9:44 AM Case Presenter: Linda Lison
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

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, Saska Kedev, Konstantinas 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: Saska 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
10:00 - 11:30 AM
Complex High-Risk Indicated Patients (CHIP PCI)
Moderators: Margaret B. McEntegart, James Nolan
Discussants: Bagrat Alekyan, Richard A Anderson, Julia Baron, 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: Asif Qasim

10:48 AM Contemporary Assessment and Management of Coronary Calcium
Lecturers: Anthony H. Gershlick

10:56 AM Case Presentation 3: Resistant Calcific Left Main Stem Disease
Case Presenter: Julia Baron

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
Lecturers: Azfar G. Zaman

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

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
Case Presenter: Hyo-Soo Kim

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
Moderators: Akshay Bagai, Stephen Cook

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

1:30 PM - 3:30 PM
Exploring the Unknown of Interventional Cardiology: PCI and Structural Interventions
Moderators: Joshua P. Loh, João A Silveira
Discussants: Andres Jr N Baysa, Alexandre Schaan 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: One Heart One Team Two Transcatheter Valve Interventions 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 David Tan

3:22 pm  Roundtable Discussion With Audience QA

3:26 pm  Closing Remarks Lecturers: Joshua P. Loh

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: Two Step Stent Approach to Coronary Dissection and Vessel Wall Hematoma 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

INTERNATIONAL SESSION: OCT GUIDANCE IN LEFT MAIN BIFURCATIONS, PRESENTED BY THE NORDIC-BALTIC-BRITISH STUDY GROUP FOR INTERVENTIONAL CARDIOLOGY

SUNDAY, SEPTEMBER 23, 2018
3:30 pm - 5:30 pm
Room 27A-B, Upper Level

3:30pm - 4:00 pm
Session I. Simple Left Main Bifurcation Treatment Guided by OCT
Moderators: Andrejs Erglis, Niels R. Holm
Discussants: Pavel Cervinka, James Cockburn, Olli A. Kajander, John A. Ormiston

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

4:00pm - 4:30 pm
Session II. OCT Findings During Complex Left Main Bifurcation Stenting
Moderators: Andrejs Erglis, Niels R. Holm
Discussants: Pavel Cervinka, James Cockburn, Olli A. Kajander, John A. Ormiston
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 Grigis

4:20 PM  Case 4: OCT Guided Bifurcation PCI in Unstable Angina  
Case Presenter: Felix Bohm

4:30PM - 5:00 PM  Session III.  OCT-Guided Two-Stent Treatment in Left Main Bifurcation Lesions
Moderators: Andrejs Erglis, Niels R. Holm
Discussants: Pavel Cervinka, James Cockburn, Olli A. Kajander, John A. Ormiston

4:30 PM  OCT Guided DK Crush: Practical Aspects  
Lecturers: Lene N Andreassen

4:37 PM  OCT Guided Plaque Preparation for Calcified Distal Left Main Lesions  
Lecturers: Lene N Andreassen

4:47 PM  Case 5: Diffuse Disease in Distal Branches  Stent Length by Angiography or OCT  
Case Presenter: Stuart Watkin

4:57 PM  Summary and Take Home Messages  
Lecturers: Niels R. Holm

INTERNATIONAL SESSION: TCT INTERNATIONAL FELLOWS SESSION

SUNDAY, SEPTEMBER 23, 2018
4:30 PM - 6:05 PM  Room 33B-C, Upper Level

4:30PM - 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 Zbrosnki

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 Tajti

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

POSTER ABSTRACT SESSIONS

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
Accreditation: MOC, CME

8:30AM - 9:30 AM  
Assessment and Impact of Aortic Regurgitation  
Moderators: Philipp Blanke, Randolph P. Martin
Discussants: Jiri Maly, 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

8:37 AM  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

8:49 AM  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

9:01 AM  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

9:13 AM  Discussion

9:18 AM  TCT 447: Severity Assessment of Transcatheter Aortic Valve Paravalvular Regurgitation Based on the Leakage Momentum Flux
Lecturers: Mohammad Barakat

9:25 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
Accreditation: MOC, CME

8:30 AM - 9:30 AM  Cath Lab of the Future: Telemedicine and Robotics
Moderators: Giora Weisz
Discussants: Leszek Bryniarski, Raghu Cherukupalli, Sanjay Kumar Chugh, R. Stefan Kiesz, Kwan S Lee, Samin K. Sharma, Feng Xu

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 Analysis of the Latin America Telemedicine Network LATin Program 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

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
Accreditation: CME, MOC

8:30 AM - 9:18 AM  Best of Moderated TAVR Poster Abstracts II
Moderators: Stephen R. Ramee, David A. Wood
Discussants: Rodrigo Bagur, Robert J. Gil, Jean-Michel Paradis, Eric Van Belle

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: HEMODYNAMIC SUPPORT AND HIGH-RISK PCI

SUNDAY, SEPTEMBER 23, 2018
8:30 AM - 9:30 AM
Moderated Posters 4, Exhibit Hall, Ground Level
Accreditation: CME,MOC

8:30 AM - 9:30 AM
Hemodynamic Support and High-Risk PCI
Moderators: Marvin J. Slepian, Christian M. Spaulding
Discussants: Carlo Briguori, Ian C. Gilchrist, Michael A. Kutcher

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 Intervention in Michigan: Insights From the Blue Cross Blue Shield of Michigan Cardiovascular Consortium
Lecturers: Thomas Earl

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
Accreditation: MOC,CME

8:30 AM - 9:30 AM
Intracoronary Physiology Studies II
Moderators: Amir Lerman, Nick E. J. West
Discussants: Miodrag C. Ostojic, 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

8:30 AM - 9:30 AM
Management of In-stent Restenosis II
Moderators: Ramon Quesada, Carl L. Tommaso
Discussants: Daniele Giacoppi, Joo Myung Lee, 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: Evan Shlofmitz

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
Accreditation: MOC,CME

8:30 AM - 9:30 AM Newer DES I
Moderators: Andreas Baumbach, Giulio Stefanini
Discussants: Francesco Prati, Peng Qu, Bjorn Redfors

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: Mauro Chiarito

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: BIOVITENSE  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 I
Lecturers: Lorenz Raber

9:13 AM Discussion

9:18 AM TCT 472: ACS vs Non ACS  A Predefined Sub Study Analysis of eCobra
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
Accreditation: CME,MOC

8:30 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
Lecturers: Taku Inohara

8:37 AM Discussion

8:42 AM TCT 454: Myocardial Fibrosis Imaging By Speckle Tracking Echocardiography Improves Risk Stratification in Severe Aortic Stenosis After Transcatheter Aortic Valve Replacement
Lecturers: Ahmad Manshad

8:49 AM Discussion

8:54 AM 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

9:06 AM 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

9:18 AM TCT 457: Short and Long Term Changes in Left Ventricular Mass and Geometry Post TAVR
Lecturers: Mohammad Thawabi

9:25 AM Discussion

MODERATED POSTER SESSION: BEST OF MODERATED ENDOVASCULAR INTERVENTION AND STRUCTURAL HEART DISEASE
MODERATED POSTER SESSION: CARDIOGENIC SHOCK AND VENTRICULAR ASSIST II

SUNDAY, SEPTEMBER 23, 2018
9:30 AM - 10:30 AM
Moderated Posters 4, Exhibit Hall, Ground Level
Accreditation: CME,MOC

9:30 AM - 10:30 AM
Cardiogenic Shock and Ventricular Assist II
Moderators: Massimo Napodano, Tanveer Rab
Discussants: Thomas D. Stuckey, Li-Wah Tam, Kengo Tanabe, Nir Uriel, Marco V. Wainstein

9:30 AM TCT 488: Risk of Mortality Associated With Use of Mechanical Support Devices Among Comatose Cardiac Arrest Patients
Lecturers: Abhishek Dutta
9:37 AM Discussion

9:42 AM 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 Marine
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 Marine
10:25 AM Discussion

MODERATED POSTER SESSION: INTRAVASCULAR IMAGING AND INCOMPLETE STENT APPPOSITION

SUNDAY, SEPTEMBER 23, 2018
9:30 AM - 10:30 AM
Moderated Posters 7, Exhibit Hall, Ground Level
Accreditation: CME,MOC

9:30 AM - 10:30 AM
Intravascular Imaging and Incomplete Stent Apposition
Moderators: Martin W. Bergmann, Robert-Jan van Geuns
Discussants: Daniel H. Berrocal, Adriano Caixeta, Jie Zhao

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
9:54 AM Discussion
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 Disease

Lecturers: Yohei Uchimura

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

TCT 508: Tracking Tissue Distribution and Retention of Sirolimus and Analog Delivered From Polymer Free Drug Coated Stents

Lecturers: Abraham Tzafriri

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

TCT 510: Dutch Multicenter Experience Using the STENTYS Xposition S Self Expanding Stent in Complex Coronary Lesions

Lecturers: Selina Vlieger

TCT 511: Two Year Clinical Results With the Angiolite Drug Eluting Stent: The ANCHOR Study

Lecturers: Rishi Puri

TCT 512: A Polymer Free Biolimus Coated Stent for the Management of Real World Patients With Coronary Artery Disease

Lecturers: Alfonso Ielasi

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
Accreditation: CME, MOC

TCT 498: Tissue Protrusion After Coronary Stenting is Associated With Poor Clinical Outcomes in Patients With ST Segment Elevation Myocardial Infarction

Lecturers: Yoshiyuki Okuya

TCT 499: Prognostic Implications of Pre Procedural TIMI Flow in Patients With STEMI Undergoing PCI With Drug Eluting Stent Implantation

Lecturers: Rafal Wolny

TCT 500: Prognostic Implications of Reduced Pre Procedural TIMI Flow in Patients With NonST Segment Elevation Acute Coronary Syndromes Undergoing PCI

Lecturers: Rafal Wolny

TCT 501: Profilin 1 Concentration Is A Marker of Symptom Duration in Myocardial Infarction

Lecturers: Elzbieta Paszek

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

MODERATED POSTER SESSION: SELECTED EARLY INNOVATIVE TECHNIQUES

SUNDAY, SEPTEMBER 23, 2018
9:30 AM - 10:30 AM
Moderated Posters 2, Exhibit Hall, Ground Level
Accreditation: MOC, CME
MODERATED POSTER SESSION: TAVR AND CONDUCTION AND RHYTHM DISTURBANCES

SUNDAY, SEPTEMBER 23, 2018
9:30 AM - 10:30 AM
Moderated Posters 1, Exhibit Hall, Ground Level
Accreditation: CME,MOC

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 493: Long Term Patient Satisfaction After TAVR - Should Treating Physicians Be Less Worried About Symptoms as Outcome Measure
Lecturers: Jeroen Vendrik

9:54 AM
Discussion

9:54 AM
TCT 494: Influence of High Device Positioning on Outcomes After Transcatheter Aortic Valve Replacement With Contemporary Self Expanding Valves
Lecturers: Zhen-Gang Zhao

9:49 AM
Discussion

9:54 AM
TCT 495: Comparison of a Novel Direct 3D With Traditional Planimetric Based Methods for Determination of Optimal Angiographic View for TAVR Procedures
Lecturers: Nils Petri

10:01 AM
Discussion

10:06 AM
TCT 496: Outcomes After Transcatheter Aortic Valve Replacement With the SAPIEN 3 - The VARC 2 Composite Endpoints at One Year
Lecturers: Oliver Husser

10:13 AM
Discussion

10:18 AM
TCT 184: 30 Day Outcomes Following Transcatheter Aortic Valve Replacement with the Evolut PRO Valve in Commercial Use: Report from the STSACC TVT Registry
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
Accreditation: MOC,CME

Catheter-based Treatment of Peripheral Vascular Disease III
Moderators: Jeffrey G. Carr, Robert D. Safian
Discussants: Julie Logan, Mahmood K. Razavi, Mehdi H. Shishbor

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 Femoropoplitical 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 Brechtle
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 - 11:06 AM
Moderated Posters 4, Exhibit Hall, Ground Level
Accreditation: CME,MOC

CTO follow-up with Medical Therapy
Moderators: Stefan Harb, Jennifer A. Tremmel
Discussants: Ravi S. Hira, Jaikirshan Khatri, Iosif Xenogiannis, Masatoki Yoshida

10:30 AM TCT 168: Development of a Human Like Coronary Chronic Total Occlusion Model Using Human Atherosclerotic Tissue Lecturers: Gilberto Melnick
10:37 AM Discussion
10:42 AM TCT 530: Long Term Clinical Outcomes in Patients With Coronary Chronic Total Occlusion Undergoing Optimal Medical Therapy Lecturers: Euihong Ko
10:49 AM Discussion
10:54 AM TCT 531: Percutaneous Coronary Intervention vs Optimal Medical Treatment for Chronic Total Occlusion: A Meta Analysis Lecturers: Muhammad Khalid
11:01 AM Discussion

MODERATED POSTER SESSION: INTRACORONARY PHYSIOLOGY STUDIES III

SUNDAY, SEPTEMBER 23, 2018
10:30 AM - 11:30 AM
Moderated Posters 7, Exhibit Hall, Ground Level
Accreditation: CME,MOC

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

10:30 AM TCT 542: Comparison of Sodium Nitroprusside and Adenosine for Fractional Flow Reserve Assessment: A Systematic Review and Meta Analysis Lecturers: Raul Solerno
10:37 AM Discussion
10:42 AM TCT 543: Residual Ischemia is Frequent in the Vessel Undergoing Percutaneous Coronary Intervention: Results of A Prospective Registry Lecturers: Barry Uretsky
10:49 AM Discussion
10:54 AM TCT 544: A Novel Physiological Assessment of Myocardial Mass Volume Lecturers: Tadashi Murai
11:01 AM Discussion
11:06 AM TCT 545: Defining Coronary Responders of intra Aortic Balloon Pump Counterpulsation Lecturers: Natalie Briceno
11:13 AM Discussion
11:18 AM TCT 546: Microvascular Dysfunction After Immediate vs Deferred Stenting in Patients With Acute Myocardial Infarction Lecturers: Hyunjong Lee
11:25 AM Discussion

MODERATED POSTER SESSION: MISCELLANEOUS TAVR COMPLICATIONS II
10:30 AM - 11:30 AM

**MODERATED POSTER SESSION: NEWER DES III**

**SUNDAY, SEPTEMBER 23, 2018**

Moderated Posters 5, Exhibit Hall, Ground Level
Accreditation: CME,MOC

10:30 AM - 11:30 AM

**Newer DES III**

Moderators: Kenneth Chin
Discussants: Hyeon-Cheol Gwon, João A Silveira, S C Wong, Masahisa Yamane

10:30 AM

TCT 532: Reduced Left Ventricular Ejection Fraction After Transcatheter Aortic Valve Replacement
Lecturers: Paige Craig

10:37 AM

Discussion

10:42 AM

TCT 533: Predictors of High Hospital Cost After Transcatheter Aortic Valve Replacement in the United States: Analysis of Nationwide Inpatient Sample Database
Lecturers: Tomo Ando

10:49 AM

Discussion

10:54 AM

TCT 534: Clinical Impacts of Periprocedural Myocardial Injury After Transcatheter Aortic Valve Replacement
Lecturers: Hanbit Park

11:01 AM

Discussion

11:06 AM

TCT 535: Left Ventricular Diastolic Function and Cardiovascular Mortality After Transcatheter Aortic Valve Replacement
Lecturers: Sang Yong Om

11:13 AM

Discussion

11:18 AM

TCT 536: Impact of Aortic Valve Gradient and Left Ventricular Ejection Fraction Upon Outcomes Following Transcatheter Aortic Valve Implantation
Lecturers: John Schindler

11:25 AM

Discussion

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**MODERATED POSTER SESSION: PCI IN HIGH BLEEDING RISK (HBR) PATIENTS II**

**SUNDAY, SEPTEMBER 23, 2018**

Moderated Posters 6, Exhibit Hall, Ground Level
Accreditation: CME,MOC

10:30 AM - 11:30 AM

**PCI in High Bleeding Risk (HBR) Patients II**

Moderators: Michel R. Le May, Michelle O'Donoghue
Discussants: Teresa L. Carman, Kurt Huber, Piotr Jankowski, 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

10:01 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

10:30 AM - 11:30 AM  TAVR vs TAVR and TAVR vs SAVR I
Moderators: William F. Fearon, Wilson Y. Szeto
Discussants: Anita Asgar, Nirat Beohar, 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

10:30 AM - 11:30 AM  TAVR vs TAVR and TAVR vs SAVR II
Moderators: William F. Fearon, Wilson Y. Szeto
Discussants: Anita Asgar, Nirat Beohar, Amit N. Patel, Pinak B. Shah

10:30 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

10:33 AM  Discussion

10:38 AM  TCT 523: Drug Eluting Stents vs Bare Metal Stents in Saphenous Vein Graft Interventions: Meta Analysis of Randomized Controlled Trials
Lecturers: Jai Parekh

11:01 AM  Discussion

11:06 AM  TCT 524: Long Term Outcomes of Saphenous Vein Graft Percutaneous Coronary Intervention
Lecturers: Novalia Sidik

11:01 AM  Discussion

11:06 AM  TCT 525: 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

11:01 AM  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
Accreditation: CME, MOC

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: Stephen Balter, 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 Refaihiyat

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: MANAGEMENT OF IN-STENT RESTENOSIS III

SUNDAY, SEPTEMBER 23, 2018
11:30 AM - 12:30 PM
Moderated Posters 6, Exhibit Hall, Ground Level
Accreditation: CME,MOC

11:30 AM - 12:18 PM
Management of In-Stent Restenosis III
Moderators: James B. Hermiller Jr, Richard Shlomfmitz
Discussants: Tayo A. Addo, Mohamed Ali Elsalamony, Runlin Gao, Daniele Giacoppo, 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

MODERATED POSTER SESSION: NEWER DES IV

SUNDAY, SEPTEMBER 23, 2018
11:30 AM - 12:30 PM
Moderated Posters 8, Exhibit Hall, Ground Level
Accreditation: CME,MOC

11:30 AM - 12:30 PM
Newer DES IV
Moderators: Sundeep Mishra, Manel Sabate
Discussants: Alexandre Abizaid, Salvatore Brugaletta, Joseph P. Carrozza Jr, 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 585: First in Man Study of the New Dedicated Bifurcation BIOSS LIM C: 9 Month interim Results With OCT Analysis
Lecturers: Robert J. Gil

12:06 PM
TCT 587: Inter Hospital Transfer of TAVR Patients Is Associated With Index Complications But Not Readmission Outcomes
Lecturers: Ozan Demir

12:01 PM
Discussion

12:06 PM
TCT 586: Mechanical Circulatory Support Utilization in Transcatheter Aortic Valve Replacement in the United States
Lecturers: Ahmad Alkhail

12:13 PM
Discussion

MODERATED POSTER SESSION: NEWER DES IV

SUNDAY, SEPTEMBER 23, 2018
11:30 AM - 12:30 PM
Moderated Posters 8, Exhibit Hall, Ground Level
Accreditation: CME,MOC

11:30 AM - 12:30 PM
Newer DES IV
Moderators: Sundeep Mishra, Manel Sabate
Discussants: Alexandre Abizaid, Salvatore Brugaletta, Joseph P. Carrozza Jr, Salvatore Cassese, Grzegorz L. Kaluza
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
Accreditation: CME,MOC

11:30 AM
Pharmacology: Traditional vs Newer Antiplatelet Agents I
Moderators: Dimitrios Alexopoulos, Dominick J. Angiolillo
Discussants: 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 Antiplatelet Switching Strategy for Coronary Interventions
Lecturers: Nikolaos Kakouras

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 Syndrome
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
Accreditation: CME,MOC

11:30 AM
Renal Denervation
Moderators: Herbert D. Aronow, Krishna J. Ro cha-Singh
Discussants: Melvin D. Lobo, Farrell O. Mendelsohn, C. Venkata S. Ram, Paul A. Sobotta

11:30 AM
TCT 560: Sympathetic Renal Denervation After Acute Myocardial Infarction Results in Increased Myocardial Salvage in Pigs
Lecturers: Luigi Emilio Pastorero

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

11:54 AM
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
Accreditation: CME,MOC

12:45 PM
Acute Kidney Injury During Percutaneous Interventions (PCI or TAVR) II
Moderators: Harold L. Dauerman, Charles J. Davidson
Discussants: Shmuel Banai, Julia Baron, Wolfgang Backsch, Daniele Giacoppo, Lloyd W. Klein, Kyung Woo (K.W) 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
MODERATED POSTER SESSION: COMORBIDITIES IN CAD II
SUNDAY, SEPTEMBER 23, 2018
12:45 PM - 1:45 PM
Moderated Posters 6, Exhibit Hall, Ground Level
Accrediation: CME,MOC

Comorbidities in CAD II
Moderators: John A. Ambrose, Sorin J. Brener
Discussants: Wacin Buddhari, 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
SUNDAY, SEPTEMBER 23, 2018
12:45 PM - 1:45 PM
Moderated Posters 8, Exhibit Hall, Ground Level
Accreditation: CME,MOC

12:45 PM - 1:45 PM
DES vs DES II
Moderators: Giuseppe Biondi-Zoccai
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: Comparative Effectiveness of Different Types of Contemporary Drug Eluting Stents in Patients With De Novo Long Coronary Artery Lesions
Lecturers: Do-Yoon Kang

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 9, Exhibit Hall, Ground Level
Accreditation: CME,MOC

12:45 PM - 1:45 PM
Intervention Therapies in Patients With Diabetes Mellitus I
Moderators: Frederick Feit, 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 AfterCoronaryIntervention in Chinese Patients
Lecturers: Huan-Huan Wang

1:04 PM
Discussion

1:09 PM
TCT 599: Does Not Protect Against Right Ventricular Stunning or Cumulative Ischemic Dysfunction Following Right Coronary Artery Balloon Occlusion in Humans
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

1:40 PM
Discussion
<table>
<thead>
<tr>
<th>Time</th>
<th>Session Description</th>
<th>Presenters</th>
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<tbody>
<tr>
<td>1:04 PM</td>
<td>Discussion</td>
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<tr>
<td>1:09 PM</td>
<td>TCT 604: Outcome of High Risk Percutaneous Coronary Intervention: Gender Based Analysis</td>
<td>Lecturers: M Chadi Alraies</td>
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<td>Discussion</td>
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<td>1:21 PM</td>
<td>TCT 605: Sex Based Differences in in Hospital Outcomes of Patients With Cardiogenic Shock Treated With Percutaneous Mechanical Circulatory Support in the United States</td>
<td>Lecturers: Pedro Villablanca</td>
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<td>Discussion</td>
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<td>1:33 PM</td>
<td>TCT 606: Gender Differences in Fractional Flow Reserve After Percutaneous Coronary Intervention</td>
<td>Lecturers: Laurens Zandvoort</td>
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<td>Discussion</td>
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<td>1:45 PM</td>
<td><strong>MODERATED POSTER SESSION: TAVR, STROKE, AND EMBOLIC PROTECTION II</strong></td>
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<td>12:45 PM - 1:45 PM</td>
<td><strong>TAVR, Stroke, and Embolic Protection II</strong></td>
<td>Moderators: Stephan Baldus, Luigi Salemme</td>
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<td>12:45 PM</td>
<td>TCT 587: the Size of the Implanted Valve During Transcatheter Aortic Valve Implantation Predicts the Increase in Cerebral Blood Flow Velocity Size Does Matter</td>
<td>Lecturers: Wieneke Vlastra</td>
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<td>12:52 PM</td>
<td>Discussion</td>
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<td>12:57 PM</td>
<td>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</td>
<td>Lecturers: Julia Seeger</td>
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<td>Discussion</td>
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<td>1:09 PM</td>
<td>TCT 589: Clinical Outcomes of the Sentinel Cerebral Protection System in Patients Undergoing Transcatheter Aortic Valve Replacement: A Meta Analysis</td>
<td>Lecturers: Zaher Fanari</td>
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<td>Discussion</td>
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<td>1:21 PM</td>
<td>TCT 590: Pilot Evaluation of Cognitive Function After Surgical and Transcatheter Aortic Valve Replacement</td>
<td>Lecturers: Santiago Garcia</td>
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<td>Discussion</td>
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<td>1:33 PM</td>
<td>TCT 591: Hypoalbuminemia Increases Periprocedural Stroke in Transcatheter Aortic Valve Replacement: A Retrospective Single Center Case Control Analysis</td>
<td>Lecturers: Dominique Monlezen</td>
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<td>Discussion</td>
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<tr>
<td>1:45 PM</td>
<td><strong>MODERATED POSTER SESSION: TAVR IN FRAIL PATIENTS AND PATIENTS WITH A HISTORY OF MALIGNANCY</strong></td>
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<td>12:45 PM - 1:45 PM</td>
<td><strong>TAVR in Frail Patients and Patients with a History of Malignancy</strong></td>
<td>Moderators: Adriano Caixeta, Ruediger S. Lange</td>
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<td>12:45 PM</td>
<td>TCT 607: Protein Caloric Malnutrition Is Associated With Adverse Outcomes Following TAVR</td>
<td>Lecturers: Sarah Rudasill</td>
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<td>12:52 PM</td>
<td>Discussion</td>
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<td>12:57 PM</td>
<td>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</td>
<td>Lecturers: Habib Khoury</td>
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<td>1:04 PM</td>
<td>Discussion</td>
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<td>1:09 PM</td>
<td>TCT 609: Choosing Between Transcatheter Surgical and Medical Management in Cancer Patients With Severe Aortic Stenosis</td>
<td>Lecturers: Dinu Balanescu</td>
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<td>Discussion</td>
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<td>1:21 PM</td>
<td>TCT 610: Outcomes of Transcatheter Aortic Valve Replacement Compared to Surgical Aortic Valve Replacement in Patients With Prior Chest Radiation</td>
<td>Lecturers: Yohan Chacko</td>
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<td>Discussion</td>
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<td>1:33 PM</td>
<td>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</td>
<td>Lecturers: Lisa Voigtländer</td>
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<td>1:40 PM</td>
<td>Discussion</td>
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<td>1:45 PM</td>
<td><strong>MODERATED POSTER SESSION: CORONARY CALCIFICATION II</strong></td>
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<td>1:45 PM - 2:45 PM</td>
<td><strong>Coronary Calcification II</strong></td>
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<td>1:45 PM</td>
<td>TCT 604: Outcome of High Risk Percutaneous Coronary Intervention: Gender Based Analysis</td>
<td>Lecturers: M Chadi Alraies</td>
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<tr>
<td>1:52 PM</td>
<td>Discussion</td>
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<tr>
<td>1:57 PM</td>
<td>TCT 605: Sex Based Differences in in Hospital Outcomes of Patients With Cardiogenic Shock Treated With Percutaneous Mechanical Circulatory Support in the United States</td>
<td>Lecturers: Pedro Villablanca</td>
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<td>2:04 PM</td>
<td>Discussion</td>
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<tr>
<td>2:10 PM</td>
<td>TCT 606: Gender Differences in Fractional Flow Reserve After Percutaneous Coronary Intervention</td>
<td>Lecturers: Laurens Zandvoort</td>
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<td>2:16 PM</td>
<td>Discussion</td>
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<td>2:28 PM</td>
<td>Discussion</td>
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<tr>
<td>2:33 PM</td>
<td>TCT 608: 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</td>
<td>Lecturers: Julia Seeger</td>
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<tr>
<td>2:40 PM</td>
<td>Discussion</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
Accreditation: CME,MOC

1:45PM - 2:45 PM
DES vs DES III
Moderators: Alaide Chieffo, Michael A. Kutcher
Discussants: Arif Al Nooryani, Jaikirshan Khatri, Alexander Grigorievich Osiev, Guangyuan Song

1:45 PM
TCT 662: Angioscopic Follow Up After Drug Eluting Stents Implantation for Stable Coronary Artery Diseases
Lecturers: Soichiro Hiramatu

1:52 PM
Discussion

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
Accreditation: CME,MOC

1:45 PM - 2:45 PM
Non-atherosclerosis Coronary Artery Disease II
Moderators: Francesco Pelliccia, Renu Virmani
Discussants: Valerian Fernandes, Yuji Ikari, Sasko Kedev

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
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

TCT 635: Unmasking Myocardial Bridge Related Ischemia By Intracoronary Functional Evaluation
Lecturers: Massimo Nappado

International Experience With Impella Mechanical Circulatory Support for Takotsubo Syndrome With Shock
Lecturers: L Christian Napp

TCT 637: A Meta Analysis of Clinical Outcomes of Transcatheter Aortic Valve Replacement in Patients With End Stage Renal Disease
Lecturers: Javier Amione Guerra

TCT 638: Clinical Outcomes of Hemodialysis Patients With Coronary Artery Disease After Newer Generation Drug Eluting Stent Implantation
Lecturers: Shota Okuno

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

TCT 640: Transcatheter Aortic Valve Replacement vs Surgical Aortic Valve Replacement Outcomes in Patients on Dialysis: Systematic Review and Meta Analysis
Lecturers: Zaher Fanari

TCT 641: Transcatheter Aortic Valve Replacement Outcomes in Patients With End Stage Renal Disease: Systematic Review and Meta Analysis
Lecturers: Zaher Fanari

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
Accreditation: CME, MOC

1:45 PM - 2:45 PM
PCI Volumes and Outcomes I
Moderators: David P. Faxon, Sigmund Silber

TCT 657: Temporal Trends in the Practice of the Trans Radial Approach PCI in A Large Tertiary Center More Is Better
Lecturers: Leor Perl

TCT 658: Complex High and Indicated Percutaneous Coronary Indication: Does Operator Volume Influence Patient Outcome
Lecturers: Tim Kinnaird

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

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

1:45 PM TCT 661: The Influence of Catheterization Laboratory Volume and Hospital Teaching Status on the Acute Myocardial Infarction Outcomes
Lecturers: Tariq Enezate

2:33 PM Discussion

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
Accreditation: CME, MOC

1:45 PM - 2:45 PM
Percutaneous Interventions (PCI or TAV) in Dialysis Patients or Patients with Chronic Kidney Disease
Moderators: Ziad A. Ali
Co-Moderator: Stephen Cook
Discussants: 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
1:45 PM - 2:45 PM
Pharmacology: Traditional vs Newer Antiplatelet Agents II
Moderators: Germano Di Sciascio, Fausto Feres
Discussants: Mark Goldberger, Hyeon-Cheol Gwon, Mina Madan

1:45 PM  TCT 642: the Comparative Effectiveness and Safety of Cangrelor vs In Lab Glycoprotein IIbIIIa Inhibitor GPI in Patients Undergoing Percutaneous Coronary Intervention: Insights From the Blue Cross Blue Shield of Michigan Cardiovascular Consortium BMC2
Lecturers: Saifullah Siddiqui

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

2:21 PM  TCT 645: Assessment of Angiographic Outcomes After Cangrelor in Acute Coronary Syndrome Patients With Timi Grade Flow 0 Or 1 and Thrombus Compared to Glycoprotein IIbIIIa Inhibitors
Lecturers: Alexandre Hideo-Kajita

2:28 PM  Discussion

2:33 PM  TCT 646: Platelet to Red Cell Distribution Width Ratio Predicts High on Clopidogrel Platelet Reactivity in Patients With Percutaneous Coronary Intervention
Lecturers: Mariusz Tomaniak

2:40 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
Accrediation: MOC,CME

1:45 PM  TAVR Leaflet Thrombosis and Durability
Moderators: Duk-Woo Park, Lars Søndergaard
Discussants: 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

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: Paweł E. Buszman

2:40 PM  Discussion

2:45PM - 3:45PM
Metallic Bioresorbable Vascular Scaffolds II
Moderators: Stephan Achenbach, Bernardo Cortese
Discussants: Vasim Farooq, Yasuhiro Honda

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
TCT 703: Early Results Following Magnesium Bioresorbable Vascular Scaffold Implantation in Patients With Acute Myocardial Infarction
Lecturers: Alfonso Ielasi, MD

TCT 704: Feasibility of Overlapped Magnesium Made Bioresorbable Scaffold Implantation in Long Lesions Results From the Multicenter Italian Registry MAGIC
Lecturers: Francesco Tomassini, MD

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
Accreditation: CME,MOC

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

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

TCT 685: the Improvement of Left Ventricular Function After CTO Revascularization: A Strain Echocardiography Based Study
Lecturers: Chun Kai Chen

TCT 715: Evaluation of the Impact of Percutaneous Coronary Intervention of Chronic Total Occlusion on Regional Myocardial Function Using Strain Echocardiography
Lecturers: Mohamed El Gowely

TCT 716: Over Ten Years Follow Up of Chronic Total Coronary Occlusion Angioplasty
Lecturers: Kohei Yoneda

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
Accreditation: CME,MOC

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

TCT 691: National Trends of Percutaneous Coronary Intervention for the Elderly
Lecturers: Ayman Elbadawi, MD

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 Guedeneay, MD

TCT 693: Outcomes of Percutaneous Coronary Intervention in Octogenarian Patients An Analysis of the National Inpatient Sample
Lecturers: Amr Idris, MD

TCT 694: Outcome of High Risk Percutaneous Coronary Intervention in Octogenarians: Insight From the From the cVAD Registry
Lecturers: M Chadi Alraies

MODERATED POSTER SESSION: STEMI AND MULTIVESSEL DISEASE
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

TCT 679: the Impact of Complete Revascularization in STEMI Patients With Left Ventricular Dysfunction
Lecturers: Jeehoon Kang
3:04 PM Discussion

TCT 680: Trends and Predictors of Early Readmission in STEMI Patients Undergoing Multivessel Percutaneous Coronary Intervention
Lecturers: Byomesh Tripathi
3:16 PM Discussant

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

Surgical Treatment of Aortic or MV Disease

2:45 PM - 3:57 PM
Surgical Treatment of Aortic or MV Disease
Modifiers: Gregory P. Fontana
Discussants: Stephan M. Ensminger, Basel Ramlawi, Mathew Williams, Rashmi Yadav

TCT 667: 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

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

TCT 674: Impact of Coronary Calcium on the Agreement Between Coronary CTA and Conventional Angiography in the Syntax Score Treatment Decision
Lecturers: Saima Mushtaq
3:04 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
Accreditation: CME,MOC

TCT 667: Causes and Clinical Outcomes of Patients With Mitral Regurgitation Who Are ineligible for Transcatheter Mitral Valve Replacement
2:45 PM
MODERATED POSTER SESSION: TAVR AND CAD II

SUNDAY, SEPTEMBER 23, 2018
2:45 PM - 3:45 PM
Moderated Posters 1, Exhibit Hall, Ground Level
Accreditation: CME, MOC

2:45 PM - 3:45 PM
TAVR and CAD II
Moderators: Bernard R. Chevalier, Junbo Ge
Discussants: 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
Accreditation: CME, MOC

2:45 PM
TAVR Risk Stratification and Outcomes III
Moderators: 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
Accreditation: CME, MOC

2:45 PM
Use of Extracorporeal Membrane Oxygenation (ECMO)
Moderators: Michael Mooney, Srihari S. Naidu
Discussants: Vladimir Ganyukov, Navin K. Kapur, 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

TCT 696: Real World Experience With Extracorporeal Cardiopulmonary Resuscitation ECPR
Lecturers: Lucas Marinacci, MD
2:57 PM Discussion

TCT 697: Left Ventricular Decompression During Extracorporeal Membrane Oxygenation for Cardiogenic Shock A Systematic Review and Meta Analysis
Lecturers: Juan Russo, MD
3:04 PM Discussion

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
3:16 PM Discussion

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
Accreditation: CME,MOC

3:45 PM - 4:45 PM
Best of Moderated PCI Poster Abstracts II
Moderators: Kenneth Chin, Holger M. Nef
Discussants: Mohammad Al-Mutairi, Marta Bande, Ashok Dutta, Hadley Wilson, Bernhard Witzenbichler

3:45 PM TCT 705: Normalization of Testosterone After Testosterone Replacement Therapy Not Associated With Increased Incidence of Recurrent Myocardial Infarction in Patients With a History of Previous Myocardial Infarction
Lecturers: Mohammad Ali Jazayeri, MD
3:52 PM Discussion

3:57 PM TCT 706: Early Intravenous Beta Blockers in Patients Undergoing Primary Percutaneous Coronary Intervention for ST Segment Elevation Myocardial Infarction A Patient Pooled Meta Analysis of Randomised Clinical Trials
Lecturers: Peter Damman, MD
4:04 PM Discussion

4:09 PM TCT 707: Relevance of Type and Dose of Beta Blockers in Prognosis Among Patients With Ischemic Heart Disease Data From GRAND DES Registry
Lecturers: Jiesuck Park, MD
4:16 PM Discussion

4:21 PM TCT 708: Long Term Medication Adherence and Prognosis After Successful Percutaneous Coronary Intervention in Patients With Acute Myocardial Infarction: Experiences From the Korean Multicenter Registry
Lecturers: Juhan Kim, MD
4:28 PM Discussion

MODERATED POSTER SESSION: PHARMACOLOGY: STATINS AND LIPIDS
SUNDAY, SEPTEMBER 23, 2018
3:45 PM - 4:45 PM
Moderated Posters 6, Exhibit Hall, Ground Level
Accreditation: CME,MOC

3:45 PM TCT 725: Long Term Medication Adherence and Prognosis After Successful Percutaneous Coronary Intervention in Patients With Acute Myocardial Infarction Experiences From the Korean Multicenter Registry
Lecturers: Juhan Kim, MD
4:04 PM Discussion

4:09 PM TCT 727: Relevance of Type and Dose of Beta Blockers in Prognosis Among Patients With Ischemic Heart Disease Data From GRAND DES Registry
Lecturers: Jiesuck Park, MD
4:16 PM Discussion

4:21 PM TCT 728: Long Term Medication Adherence and Prognosis After Successful Percutaneous Coronary Intervention in Patients With Acute Myocardial Infarction Experiences From the Korean Multicenter Registry
Lecturers: Juhan Kim, MD
4:28 PM Discussion
SUNDAY, SEPTEMBER 23, 2018
3:45 PM - 4:45 PM
Moderated Posters 3, Exhibit Hall, Ground Level
Accreditation: CME,MOC

3:45 PM - 4:45 PM
Pharmacology: Statins and Lipids
Moderators: Norman E. Lepor, Evan A. Stein
Discussants: Tiziana Claudia Aranzulla, Wolfgang Bocksch, Frederick Feit

3:45 PM
TCT 710: Effects of Borassus Aetiopium Bread on Metabolic Risk Parameters of Ghanaian Cardiovascular Disease Outpatients A Pilot Intervention Study
Lecturers: Odeapo 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

3:45 PM
TCT 743: Comparison of Thromboresistance Between Everolimus Eluting Fluoropolymer Stent and EluNIR Ridaforolimus Eluting Coronary Stent Ridaforolimus Eluting Stent in An Ex Vivo Swine Shunt Model
Lecturers: Hiroyuki Jinnouchi, MD

3:52 PM
Discussion

3:57 PM
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

4:04 PM
Discussion

4:09 PM
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

4:16 PM
Discussion

4:21 PM
TCT 737: Very Late Stent Thrombosis After Revascularization With Biodegradable Polymer Drug Eluting Stents From the SORT OUT VII Trial
Lecturers: Julia Ellert

4:28 PM
Discussion

4:33 PM
TCT 738: Incidence and Predictors of Outcomes After First Definite Stent Thrombosis Event
Lecturers: Maria Tovar Forero, MD

4:40 PM
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 5, Exhibit Hall, Ground Level
Accreditation: CME,MOC

3:45 PM - 4:33 PM
TAVR in Patients with Pulmonary Hypertension or RV Failure
Moderators: Helge Möllmann, Jeffrey J. Popma
Discussants: Matthias Göttberg, Ulrich Schäfer

3:45 PM
TCT 719: Clinical Impact of Baseline Right Bundle Branch Block in Patients Undergoing Transcatheter Aortic Valve Replacement
Lecturers: Euihong Ko, MD

3:52 PM
Discussion

3:57 PM
TCT 720: Right Ventricular Function As A Predictor for Mortality in TAVI Patients
Lecturers: Zisis Dimitriadis, MD

4:04 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
Accreditation: CME,MOC

3:45 PM - 4:45 PM
Stent or Scaffold Thrombosis
Moderators: Maurizio Menichelli, David G. Rizik
Discussants: Salvatore Brugaletta, Kyung Woo (KW) Park
TRANSCATHETER CARDIOVASCULAR THERAPEUTICS | SUNDAY, SEPTEMBER 23, 2018

4:09 PM TCT 722: Pre Existing Pulmonary Hypertension in Patients Undergoing Aortic Valve Replacement Effect on in Hospital Mortality and Procedural Complications  
Lecturers: Konstantinos Voudris, MD

4:16 PM Discussion

4:21 PM TCT 723: Pulmonary Arterial Proportional Pulse Pressure: A Hemodynamic Predictor of Right Ventricular Dysfunction and Early Outcomes Following Transcatheter Aortic Valve Replacement  
Lecturers: Martin Miguel Amor, MD

4:28 PM Discussion

NURSE AND TECHNOLOGIST SYMPOSIUM

CARDIOVASCULAR PROFESSIONALS (CVP) COURSE: 27TH ANNUAL CARDIOVASCULAR NURSE AND TECHNOLOGIST SYMPOSIUM: HOT TOPICS

SUNDAY, SEPTEMBER 23, 2018
2:00 PM - 4:15 PM
Room 28D-E, Upper Level  
Accrediation: CME,MOC,ASRT

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, Jan Kovac

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

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  
Accrediation: CME,MOC

3:45 PM Vascular Access During PCI I  
Moderators: Robert J. Applegate, Zaza Kavteladze  
Discussants: Mazen Abu-Fadel, Itshac Itsik Ben-dor, Christopher Pyne, Eufracino Sandoval, Yader Sandoval

3:45 PM - 4:45 PM
Session I. PFO Closure Procedure  
Moderators: Patricia Keegan  
Discussants: Srihari S. Naidu, Martina Kelly Speight

3:45 PM 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

3:52 PM Discussion

3:57 PM 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: Fahed Darmoch

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: Comparison of Vascular Closure Device With Trans Femoral Approach vs Trans Radial Approach An Updated Meta Analysis  
Lecturers: Sagar Ranka, MD
EVENING PROGRAMS

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, Philip M. Urban
Faculty: Dominic 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, Robert W. Yeh

6:30 PM
Welcome and Introductions
Lecturers: Philip M. Urban

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
Faculty: Sripal Bangalore, David A. Cox, James B. Hermiller Jr, Thomas Pilgrim, David G. Rizik, Ron Waksman, Steven J. Yakubov, Clemens von Birgelen

6:00 PM
Dinner Reception

6:30 PM
Meet BIOTRONIK VI
Lecturers: Ron Waksman

6:40 PM
Product and data overview
Lecturers: David E. Kandzari

6:50 PM
What's the deal with ultrathin struts? The facts.
Lecturers: Sripal Bangalore

7:05 PM
Discussion

FDA TOWN HALL

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, Anthony H. Gershlick, Steven L. Goldberg, David E. Kandzari, Ajay J. Kirtane, 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: David E. Kandzari

2:16 PM
FDA Perspectives on Sham Controlled Trials
Lecturers: Hiren Mistry

2:24 PM
Patient Perspectives on Sham Controlled Trials
Lecturers: Debbe McCall

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: Kenneth J. Cavanaugh Jr

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, Gidon Yehuda Perlman, Jaime Raben, Horst Sievert, Gregg W. Stone, Kartik Sundareswaran, Eric Vang, Bernard Vasseur
3:25 PM  Pivotal Transcatheter FMR Device Trials: Focus on COAPT and MITRA FR with Implications for Other Transcatheter Mitral Valve Device Investigations  
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, Josep Rodés-Cabau  
Discussants: Vinayak Bapat, Rick Geoffrion, Stephen H. Little, Brij Maini, Christopher U. Meduri, Stanton J. Rowe, Maurizio Taramasso, Yan Topilsky, 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, Bruno Scheller  
Discussants: Bernardo Cortese, Donald Cutlip, Alok V. Finn, Michael C. John, Alexandra J. Lansky, P.F. Adrian Magee, Jeff Mirviss, Semih Oktay, Sahil A. Parikh, Robert S. Schwartz, Eleli Whately

5:13 PM  DCB for BTK: Clinical Challenges and Lessons Learned  
Lecturers: Sahil A. Parikh
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

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**HEMODYNAMIC PAVILION**

**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

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**EDITED TAPE CASES**

**SUNDAY, SEPTEMBER 23, 2018**  
**2:30 PM - 4:40 PM**  
Presentation Theater 3, Exhibit Hall, Ground Level  
Accreditation: CME, MOC

2:30 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
2:45 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  AltaValve TMVR  
Case Presenter: Josep Rodés-Cabau
3:42 PM  Discussion
3:50 PM  Percutaneous Mitral Valve in valve Implantation with Sapien 3 Prosthesi in Failed Mosaic Surgical Valve Using the Transeptal Approach  
Lecturers: Caterina Gandolfo
4:02 PM  Discussion
4:10 PM  Moderate Sedation Left Atrial Appendage Occlusion  
Case Presenter: Mohamad Adnan Alkhouri
4:30 PM  Discussion
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
Interactive Training Faculty: Navin K. Kapur, Ken Kasica, Brian D Porvin, Dan Raess

10:00 AM
Treating the Shock Patient: Choosing the Optimal Support Device
Interactive Training Faculty: Navin K. Kapur

10:20 AM
ICU Management: Positioning Troubleshooting Escalation
Interactive Training Faculty: Ken Kasica, Brian D Porvin, Dan Raess

10:20 AM
NCSI: Improving Outcomes in Cardiogenic Shock
Interactive Training Faculty: Ken Kasica, Brian D Porvin, Dan Raess

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
Interactive Training Faculty: Daniel Burkhoff, A. Reshad Garan, Ken Kasica, Salvatore F Mannino, Perwaiz M. Meraj, D. Lynn Morris, Brian D Porvin, Dan Raess

2:00 PM
Training and Education in Advanced Cardiovascular Hemodynamics: TEACH Intro
Interactive Training Faculty: Daniel Burkhoff

2:20 PM
Simulated Cases High Risk Percutaneous Coronary Intervention
Interactive Training Faculty: Daniel Burkhoff, A. Reshad Garan, Ken Kasica, Salvatore F Mannino, Perwaiz M. Meraj, D. Lynn Morris, Brian D Porvin, Dan Raess

2:20 PM
Simulated Cases on Cardiogenic Shock
Interactive Training Faculty: Daniel Burkhoff, A. Reshad Garan, Ken Kasica, Salvatore F Mannino, Perwaiz M. Meraj, D. Lynn Morris, Brian D Porvin, Dan Raess

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
High Risk Percutaneous Coronary Intervention
Interactive Training Faculty: Colin Hirst, Ken Kasica, Paul D. Mahoney, Dan Raess, Adhir Shroff

4:00 PM
Complex Protected PCI: Patient Identification
Interactive Training Faculty: Hiram G. Bezerra

4:20 PM
Insertion/Repositioning Hands On
Interactive Training Faculty: Colin Hirst, Ken Kasica, Paul D. Mahoney, Dan Raess, Adhir Shroff

4:20 PM
Simulated Cases on High Risk Percutaneous Coronary Intervention
Interactive Training Faculty: Colin Hirst, Ken Kasica, Paul D. Mahoney, Dan Raess, Adhir Shroff

SPECIAL@TCT SESSIONS

SPECIAL @TCTSESSION: CACI@TCT

SUNDAY, SEPTEMBER 23, 2018
2:00 PM - 3:30 PM
Room 25A-B, Upper Level
Accreditation: CME, MOC

2:00 PM - 3:30 PM
CACI At TCT 2018. PCI In Stable Angina: Why Is ORBITA Not the Last Nail For Coronary Angioplasty?
Moderators: Anibal A. Damonte, Diego D Grinfeld, Alfredo E. Rodriguez

2:00 PM
Introduction and Session Objectives
Lecturers: Anibal A. Damonte

2:03 PM
Role of PCI In Stable Angina Patients
Lecturers: Omar Anibal Santaera

2:13 PM
Roundtable Discussion With Audience QA

2:18 PM
Case Presentation 1: PCI in Stable Angina
Case Presenter: Guillermo Migliaro

2:23 PM
Roundtable Discussion With Audience QA

2:26 PM
What Are the Lasting Clinical Implications Of the ORBITA Trial
Lecturers: John A. Ambrose

2:36 PM
Roundtable Discussion With Audience QA

2:41 PM
Case Presentation 2: PCI in Stable Angina
Lecturers: Ruben A. Piraíno

2:46 PM
Roundtable Discussion With Audience QA

2:49 PM
SCAI Position Statements On The Role Of PCI In Stable Angina After ORBITA
Lecturers: David A. Cox

2:59 PM
Roundtable Discussion With Audience QA

3:04 PM
Case Presentation 3: PCI In Stable Angina
Case Presenter: Antonio A Pocovi

3:09 PM
Roundtable Discussion With Audience QA
Session Summary and Take Home Messages
Lecturers: Alfredo E. Rodriguez

SPECIAL @TCTSESSION: GISE@TCT

SUNDAY, SEPTEMBER 23, 2018
2:30 PM - 4:00 PM
Room 2A-B, Upper Level
Accreditation: CME,MOC

2:30 PM - 4:00 PM
GISE@TCT: Case-Based Debates in Patients With High-Bleeding Risk Undergoing PCI
Moderators: George D. Dangas, Giuseppe Tarantini
Discussants: Steven R. Bailey, Giovanni Esposito, Juan F. Granada, Roxana Mehran, Francesco Saia

2:30 PM Introduction And Session Goals
Lecturers: Giuseppe Tarantini

2:35 PM Case 1 Introduction: A High Bleeding Risk Patient With Afib And ACS Requiring PCI And Oral Anticoagulant Therapy
Case Presenter: Usman Baber

2:40 PM Roundtable Discussion With Audience QA

2:50 PM How Would I Treat This Patient
Lecturers: Alessio G La Manna

2:55 PM How Would I Treat This Patient
Lecturers: Juan F. Granada

3:00 PM Case 1 Conclusion: How Did I Actually Treat This Patient
Case Presenter: Usman Baber

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 Patient With Chronic CAD At High Bleeding Risk Requiring PCI
Case Presenter: Giulio Stefanini

3:22 PM Roundtable Discussion With Audience QA

3:32 PM How Would I Treat This Patient
Lecturers: Dominick J. Angiolillo

3:37 PM How Would I Treat This Patient
Lecturers: Ugo Limbruno

3:42 PM Case 2 Conclusion: How Did I Actually Treat This Patient
Case Presenter: Giulio Stefanini

3:47 PM Consensus: Considerations In The High Bleeding Risk Patient Requiring PCI And Oral Anticoagulant Therapy
Lecturers: Roxana Mehran

3:55 PM Conclusions And Take Home Messages
Lecturers: Giuseppe Tarantini

SUNDAY, SEPTEMBER 23, 2018
3:45 PM - 5:00 PM
Ballroom 6A, Upper Level
Accreditation: CME,MOC

3:45 PM LEADERS FREE II: Summary and Clinical Implications
Lecturers: Mitchell W. Krucoff

3:50 PM Discussion
Discussants: Mitchell W. Krucoff

4:00 PM SORT OUT IX: Summary and Clinical Implications
Lecturers: Lisette Okkels Jensen

4:05 PM Discussion
Discussants: Lisette Okkels Jensen

4:15 PM SOLVE TAVI: Summary and Clinical Implications
Lecturers: Holger Thiele

4:20 PM Discussion
Discussants: Holger Thiele

4:30 PM REDUCE FMR: Summary and Clinical Implications
Lecturers: Horst Sievert

4:35 PM Discussion
Discussants: Horst Sievert

4:45 PM COAPT: Summary and Clinical Implications
Lecturers: Gregg W. Stone

4:50 PM Discussion
Discussants: Gregg W. Stone

ABBOTT PAVILION

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

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

8:00 AM Introduction: Access Planning and Management of ComplicationsReview

8:20 AM Hands on Device Deployment

LBCT DISCUSSIONS

DISCUSSIONS WITH THE LATE BREAKING TRIAL PRINCIPAL INVESTIGATORS II

ABBOTT PAVILION

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

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, Kevin J. Croce, Vamsi Krishna, Gabriel Tensol Rodrigues Pereira, Armando Vergara-Martel

10:00 AM OCT: Now that I see it.. Presentation

TRAINING: ABBOTT PAVILION #8 - PFO CLOSURE: RECENT DATA, TECHNIQUES, AND BEST PRACTICES FOR MANAGING PATIENTS

SUNDAY, SEPTEMBER 23, 2018
12:00 PM - 1:30 PM
ABBOTT PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

12:00 PM - 1:30 PM
PFO Closure: Recent Data, Techniques, and Best Practices for Managing Patients
Interactive Training Faculty: Zahid Amin, Patrick A. Calvert, John M. Lasala, Igal Moarof, Rodrigo Nieckel da Costa, Jens Erik Nielsen-Kudsk

12:00 PM Introduction
12:05 PM PFO Closure: Recent Data Techniques and Best Practices for Managing Patients

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

2:00 PM - 3:30 PM
MitraClip NTR & XTR: Device & Procedural Techniques
Interactive Training Faculty: Gorav Ailawadi, Anita Asgar, Wayne B. Batchelor, Bassem Chehab, Paolo Denti, Rodrigo Estevez-Loureiro, George Gellert, James B. Hermiller Jr, Paul D. Mahoney, Moody M Makar, Ahmed I Mustafa, Vivek Rajagopal, Michael J. Rinaldi, David G. Rizik, Gagan D Singh, Maurizio Taramasso

2:00 PM Introduction
2:05 PM Didactic Device Overview
2:25 PM Hands On Device Deployment

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 SupportSpecialty wires Overview and Hands on Activity
5:10 PM Wiggle wire Overview and Hands on Activity

BOSTON SCIENTIFIC PAVILION

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

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: 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

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: BOSTON SCIENTIFIC PAVILION #8 - LAA: WATCHMAN

SUNDAY, SEPTEMBER 23, 2018
12:00 PM - 1:30 PM
BOSTON SCIENTIFIC PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

12:00 PM Latest Watchman Clinical Data and Procedural Tips and Tricks

Last Updated 09/25/2018  Page: 133
12:00 PM - 1:30 PM
LAA: Watchman
Interactive Training Faculty: Steven L. Almany, Shephal Doshi

12:00 PM
Latest Watchman Clinical Data and Procedural Tips and Tricks

12:00 PM - 1:30 PM
LAA: Watchman Interactive Training
Faculty: Steven L. Almany, Shephal Doshi

12:00 PM
Latest Watchman Clinical Data and Procedural Tips and Tricks

2:00 PM - 3:30 PM
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

2:00 PM - 3:30 PM
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

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

4:00 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

MEDTRONIC PAVILION

TRAINING: MEDTRONIC PAVILION #6 - STRUCTURAL HEART: TAVR IN BICUSPID AORTIC VALVE TRAINING WORKSHOP

SUNDAY, SEPTEMBER 23, 2018
10:00 AM - 11:30 AM
MEDTRONIC PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

10:00 AM
Introduction
10:05 AM
Overview of Bicuspid Aortic Valve Disease State
10:25 AM
Identification and Classification of Bicuspid Aortic Valves
10:45 AM
Sizing methodology controversies and Procedural Considerations for Performing TAVR in Bicuspid

TRAINING: MEDTRONIC PAVILION #7 - STRUCTURAL HEART: AORTIC ViV TRAINING WORKSHOP

SUNDAY, SEPTEMBER 23, 2018
12:00 PM - 1:30 PM
MEDTRONIC PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

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: 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 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: 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

4:00 PM Introduction
4:05 PM Didactic Presentation: Understanding Venous Disease Treatment Options for Your Patient

CHIP PAVILION

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 - 9:00 AM
CHIP - Advanced PCI Techniques Pavilion #5 - Coronary Calcium Solutions
Interactive Training Faculty: Kevin J. Croce, Thom G. Dahl, Tony J. DeMartini, Robert F. Riley, Jasvindar Singh, Ramzan Zakir

8:00 AM - 8:45 AM
Rapid Fire Case Presentations

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

8:10 AM
The Use of Imaging to Assist With Calcium Management

8:20 AM Tips and Tricks to Guide and Extension Management
Interactive Training Faculty: Tony J. DeMartini

8:35 AM Calcium Complications and Bailout Situations
Interactive Training Faculty: Ramzan Zakir

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. Dahl, Tony J. DeMartini

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

10:00 AM - 10:45 AM
Rapid Fire Case Presentations

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

10:10 AM
The Use of Imaging to Assist With Calcium Management
Interactive Training Faculty: Prashant Kaul

10:20 AM
Tips and Tricks to Guide and Extension Management
Interactive Training Faculty: Mark C. Bieniarz

10:30 AM
Calcium Complications and Bailout Situations
Interactive Training Faculty: Brian P O’Neill

10:45 AM - 11:30 AM
Hands-on Rotations Between Boston Scientific, CSI, Abiomed

10:45 AM
Abiomed Featured Devices: Impella Family of Devices
Interactive Training Faculty: Thom G. Dahl, Tony J. DeMartini

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
Tips and Tricks to Guide and Extension Management
Interactive Training Faculty: Tony J. DeMartini

2:15 PM
Calcium Complications and Bailout Situations
Interactive Training Faculty: Ramzan Zakir

2:30 PM
Hands-on Rotations Between Boston Scientific, CSI, Abiomed

2:30 PM
Abiomed Featured Devices: Impella Family of Devices
Interactive Training Faculty: Thom G. Dahl, Tony J. DeMartini
2:00 PM - 3:30 PM
CHIP - Advanced PCI Techniques Pavilion #7 - Teaching Old Dogs New Tricks
Interactive Training Faculty: Mark C. Bieniarz, Dimitrios Bilagos, Emmanuel S. Brilakis, Jeff Chambers, Kevin J. Croce, Duane S. Pinto, Robert F. Riley, Kintur Sanghvi

Rapid Fire Case Presentations

2:00 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
Lecturers: Annapoorna Kini
2:12 PM  Radial Tips and Tricks
Interactive Training Faculty: Kintur Sanghvi
2:22 PM  Crossing and Delivery Issues
Interactive Training Faculty: Dimitrios Bilagos
2:32 PM  Complications Management
Interactive Training Faculty: Mohan Nair

2:45 PM - 3:30 PM
Hands-on Rotations Between Boston Scientific, Medtronic, and Teleflex

2:45 PM  Medtronic Inc. Featured Device: Radial Guides Onyx Simulator and Videos for loops
Interactive Training Faculty: Mark C. Bieniarz, Azeem Latib, Kintur Sanghvi

2:00 PM  Complications Management
Interactive Training Faculty: Junjie Zhang

4:00 PM - 4:45 PM
Rapid Fire Case Presentations

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: Pravin K Goel

ENDOVASCULAR PAVILION

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  Introduction: Introducing Unmet Needs Complex Lesions
8:10 AM  Rotation 1: Definitive Treatment Options Featuring Abbott
Interactive Training Faculty: Danielle Bajakian, Peter M Farrugia, Craig M. Walker
8:30 AM  Rotation 2: Definitive Treatment Options and Debunking Featuring BSC
Interactive Training Faculty: George S Chrysant, Beau Hawkins, S. Jay Mathews
8:50 AM  Rotation 3: Definitive Treatment Options Debunking and Complex Lesions Featuring Medtronic
Interactive Training Faculty: S. Hinan Ahmed, Subhash Banerjee, Peter P. Monteleone
9:10 AM  Rotation 4: Debunking Featuring CSI
Interactive Training Faculty: Mahir Eldex, Bryan T. Fisher, Vishal Kapur

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  Introduction: Introducing Unmet Needs Definitive Treatment Options Debunking and Complex Lesions

SFA Intervention: De-bulking, Complex Lesions, and Definitive Therapy Session I

SFA Intervention: De-bulking, Complex Lesions, and Definitive Therapy Session II
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

2:00PM - 3:30PM
SFA Intervention: Debulking, Complex Lesions, and Definitive Therapy Session III
Interactive Training Faculty: Samer Abbas, George L Adams, Mohammad Mehdi Ansari, Ehrin J. Armstrong, Anvar Babaev, Eric J. Dippel, Peter M Farrugia, Ethan C Korngold, S. Jay Mathews, Mitul Patel, Mitchell Weinberg

2:00 PM  Introduction: Introducing Unmet Needs  Definitive Treatment Options Debulking and Complex Lesions
2:10 PM  Rotation 1: Definitive Treatment Options Featuring Abbott  Interactive Training Faculty: Peter M Farrugia, Ethan C Korngold
2:30 PM  Rotation 2: Definitive Treatment Options and Debulking Featuring BSC  Interactive Training Faculty: Mohammad Mehdi Ansari, Anvar Babaev, S. Jay Mathews
2:50 PM  Rotation 3: Definitive Treatment Options Debulking and Complex Lesions Featuring Medtronic  Interactive Training Faculty: Samer Abbas, 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: 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

4:00PM - 5:30PM
SFA Intervention: Debulking, Complex Lesions, and Definitive Therapy Session IV
Interactive Training Faculty: Samer Abbas, Mohammad Mehdi Ansari, Anvar Babaev, Lawrence A. Garcia, S. Jay Mathews, Carlos I. Mena-Hurtado, Mitul Patel, Mitchell Weinberg, Ramzan Zakir

4:00 PM  Introduction: Introducing Unmet Needs  Definitive Treatment Options Debulking and Complex Lesions

TRAINING: INTERVENTIONAL IMAGING PAVILION

SUNDAY, SEPTEMBER 23, 2018
8:00 AM - 9:30 AM
INTERVENTIONAL IMAGING PAVILION #5 - FUSION IMAGING FOR PARAVALEULAR LEAK

8:00AM - 9:30AM
Fusion Imaging for Paravalvular Leak
Interactive Training Faculty: Sameer Gafoor, Chad Kliger, Priti Mehla, Rahul Sharma, Torsten P. Vahl, Alan Vainrib

SUNDAY, SEPTEMBER 23, 2018
10:00 AM - 11:30 AM
INTERVENTIONAL IMAGING PAVILION #6 - FUSION IMAGING FOR PARAVALEULAR LEAK

10:00AM - 11:30AM
Fusion Imaging for Paravalvular Leak
Interactive Training Faculty: Chad Kliger, Priti Mehla, Rahul Sharma, Gagan D Singh, Alan Vainrib

SUNDAY, SEPTEMBER 23, 2018
2:00 PM - 3:30 PM
INTERVENTIONAL IMAGING PAVILION #7 - ADVANCED IMAGING FOR VALVE-IN-VALVE

2:00PM - 3:30PM
Advanced Imaging for Valve-in-Valve
Interactive Training Faculty: Omar K. Khalique, Rahul Sharma, Torsten P. Vahl

TRANSCATHETER CARDIOVASCULAR THERAPEUTICS | SUNDAY, SEPTEMBER 23, 2018
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**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

**4:00 PM - 5:30 PM**

*Advanced Imaging for Valve-in-Valve*
Interactive Training Faculty: Omar K. Khalique, Rahul Sharma, Torsten P. Vahl

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**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

**4:00 PM - 5:30 PM**

*Advancing Efficiency in TAVR*
Interactive Training Faculty: Anita Asgar, David J. Cohen, James L. Velianou, David A. Wood

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**MONDAY, SEPTEMBER 24, 2018**

**BREAKFAST PROGRAMS**

**BREAKFAST PROGRAM: CBCEC INITIATIVE (SPONSORED BY CBCEC)**

**MONDAY, SEPTEMBER 24, 2018**
6:30 AM - 8:00 AM
Room 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

**6:30 AM - 8:00 AM**

*Chat-With-Experts: DAPT Strategies for Managing High-Bleeding Risk DES Patients*
Faculty: Aloke V. Finn, Roxana Mehran, Stephan Windecker

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**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

**8:00 AM - 9:30 AM**

*What Matters Most for AS Patients*
Interactive Training Faculty: Amr Abbas, Philippe Pibarot, Michael J. Rinaldi, Vinod H. Thourani, Neil J. Weissman

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**TRAINING: TAVR PAVILION #6 - HOW TO APPROACH AORTIC AND MITRAL VALVE-IN-VALVE**

**SUNDAY, SEPTEMBER 23, 2018**
10:00 AM - 11:30 AM
TAVR PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

**10:00 AM - 11:30 AM**

*How to Approach Aortic and Mitral Valve-in-Valve*
Interactive Training Faculty: Vasilis Babaliaros, Bassem Chehab, Adam B. Greenbaum, Mayra Guerrero, Paul D. Mahoney

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**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: Rebecca T. Hahn, Philippe Pibarot, Vinod H. Thourani

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**MONDAY, SEPTEMBER 24, 2018**

**BREAKFAST PROGRAM:**

**6:30 AM - 8:00 AM**

*Check in Breakfast*

**7:00 AM**

*Welcome*
Lecturers: Roxana Mehran

**7:05 AM**

*Current Challenges in Managing HBR Patients and the Role of DES*
Lecturers: Stephan Windecker

**7:10 AM**

*Impact of DES Design on Short DAPT Duration*
**BREAKFAST PROGRAM: CORONARY-DRUG COATED BALLOONS: EMERGING CLINICAL USES AND FUTURE DIRECTIONS (SPONSORED BY CRF, SUPPORTED BY B. BRAUN INTERVENTIONAL SYSTEMS, INC. AND MEDTRONIC)**

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

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

- 7:00 AM - 8:00 AM
  Coronary Drug-Coated Balloons: Emerging Clinical Uses and Future Directions
  Co Chairs: Juan F. Granada, Bruno Scheller
  Faculty: Fernando Alfonso, Bernardo Cortese, Raban Jeger, MD

  7:00 AM  DCB for Treatment of Coronary ISR: Review of Literature in Comparison With DES
  Lecturers: Fernando Alfonso

  7:08 AM  DCB Only Application in SVD: Insight From the BASKET SMALL 2 Trial
  Lecturers: Raban Jeger, MD

  7:16 AM  DCB Only Application in High Bleeding Risk DEBUT and ACS PEPCAD NSTEMI
  Lecturers: Bruno Scheller

  7:24 AM  Moderated Discussion

  7:32 AM  DCB Coronary in the US: Challenges and Opportunities
  Lecturers: Bruno Scheller

  7:40 AM  Innovations in Local Drug and Dedicated Delivery Technologies
  Lecturers: Juan F. Granada

  7:48 AM  Moderated Discussion

- 8:00 AM  Adjourn

**BREAKFAST PROGRAM: LEFT MAIN SYMPOSIUM: LEADING THE WAY IN LEFT MAIN (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: Leading the Way in Left Main
  Faculty: Manoj Kumar Agarwala, Praveer Aggarwal, MD, Antonio Colombo, Pravin K Goel, Rajneesh Kapoor, MD, Prathap Kumar, SK Malani, MD, Fazila T. Malik, Gary S. Mintz, Mohan Nair, Nikhil Parchure, Sai Satish, Mir Jamil Uddin, MD

  6:30 AM  Check in  Breakfast

  7:00 AM  Leading the Way in Left Main: Symposium Objective
  Moderators: Antonio Colombo, Gary S. Mintz

  7:03 AM  Left Main Bifurcation: Current Perspective in 2018
  Lecturers: Mohan Nair

  7:13 AM  Tips Tricks to Do Left Main PCI
  Lecturers: Fazila T. Malik

  7:23 AM  Case: Left Main Bifurcation Tap Technique
  Lecturers: Rajneesh Kapoor, MD

  7:31 AM  Case: Imaging Guided Left Main PCI
  Lecturers: Nikhil Parchure

  7:39 AM  Case: Left Main A Different Kind of Animal
  Lecturers: Sai Satish

  7:47 AM  Case: Calcified LMCA
  Live Case Moderators: Prathap Kumar

**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

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

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</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>Highlights from Late Breaking Clinical Trials: FMR Studies</td>
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<td>7:10 AM</td>
<td>A Heart Failure Physicians Perspective on FMR</td>
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<td>7:25 AM</td>
<td>Insights on the REDUCE FMR Trial: A Randomized Sham Controlled Trial</td>
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<tr>
<td>7:45 AM</td>
<td>The CARILLON Trial: A Randomized Sham controlled IDE Trial</td>
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<tr>
<td>7:55 AM</td>
<td>Summary of FMR Trials</td>
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</table>

### BREAKFAST PROGRAM: UNDERSTANDING THE CROWDED LANDSCAPE OF PERCUTANEOUS MITRAL INTERVENTIONS (SPONSORED BY CRF, SUPPORTED BY ABBOTT)

**Monday, September 24, 2018**
6:30 AM - 8:00 AM
Room 25A-B, Upper Level

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>6:30 AM</td>
<td>Check-in &amp; Breakfast</td>
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<tr>
<td>7:00 AM</td>
<td>Understanding the Crowded Landscape of Percutaneous Mitral Interventions</td>
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<tr>
<td>7:00 AM</td>
<td>Welcome</td>
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<tr>
<td>7:05 AM</td>
<td>Status of MitraClip Therapy in US Practice: Real World Practice and Outcomes</td>
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</tbody>
</table>

### MAIN ARENA

**Monday, September 24, 2018**
8:00 AM - 1:05 PM
Main Arena, Hall F, Ground Level
Accreditation: CME, ASRT, MOC, CNE

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>8:00 AM</td>
<td>Heart Center Bonn University Hospital Bonn Germany</td>
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<tr>
<td>8:45 AM</td>
<td>St. Pauls Hospital Vancouver BC</td>
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</tbody>
</table>

### MAIN ARENA III, MONDAY, SEPT. 24

**Monday, September 24, 2018**
8:00 AM - 1:05 PM
Main Arena, Hall F, Ground Level
Accreditation: CME, ASRT, MOC, CNE

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>8:00 AM</td>
<td>Rapid Fire Case Controversies: Endovascular</td>
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<tr>
<td>9:30 AM</td>
<td>The Other Type Of Aortic Stenosis: Complex Aortoiliac Occlusive Disease</td>
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<tr>
<td>9:40 AM</td>
<td>Long Calcified SFA Chronic Occlusion</td>
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<tr>
<td>9:50 AM</td>
<td>Complex Multilevel Critical Limb Ischemia</td>
</tr>
</tbody>
</table>

**TCT 2018 Linneemeier Young Investigator Award**
Moderators: Gregg W. Stone
Discussants: Lorenzo Azzolini, Salvatore Brugaletta, Philipp Lurz, Luis Nombe-la-Franco
10:00 AM TCT 2018 Linnemeier Young Investigator Award
Lecturers: Gregg W. Stone

10:15 AM - 10:20 AM
TCT 2018 Shark Tank Winner
Award Presenters: Juan F. Granada, Robert S. Schwartz

10:15 AM Shark Tank Winner Presentation
Lecturers: Juan F. Granada

10:20 AM - 11:20 AM
Late-Breaking Trials 4
Moderators: Gregg W. Stone
Co Moderator: C. Michael Gibson
Discussants: Takashi Akasaka, John A. Ambrose, Deepak L. Bhatt, David Erlinge, John McB. Hodgson, Ryan D. Madder, Gary S. Mintz, James E. Muller, Freek W.A. Verheugt

10:20 AM ULTIMATE: A Randomized Trial of Intravascular Ultrasound Guidance of Coronary Drug Eluting Stent Implantation in an All Comers Patient Population
Lecturers: Junjie Zhang

10:32 AM Roundtable Discussion

10:40 AM LRP: Assessment of Coronary Near Infrared Spectroscopy Imaging to Detect Vulnerable Plaques and Vulnerable Patients
Lecturers: Ron Waksman

10:52 AM Roundtable Discussion

11:00 AM OAC ALONE: A Randomized Trial of Oral Anticoagulation With vs Without Single Antiplatelet Therapy in Patients With Atrial Fibrillation Beyond One Year After Coronary Stent Implantation
Lecturers: Yukiko Nakano

11:12 AM Roundtable Discussion

11:20 AM - 12:05 PM
Live Cases #6
Live Case Moderators: Gregg W. Stone
Live Case Co Moderators: David H. Adams
Live Case Discussants: Jonathan A. Leipsic, Scott Lim, Randolph P. Martin, David W.M. Muller, Michael J. Reardon, Robert J. Siegel, Horst Sievert, Paul Sora, Mathew Williams
Factoid Faculty: Christine J. Chung, Amirali Masoumi, Megha Prasad, Sabato Sorrentino, Eiseuke Usui

11:20 AM NYPH/Columbia University Medical Center New York NY
Live Case Operators: Michael Collins, Rebecca T. Hahn, Dimitri Karmapliotis, Susheel K. Kodali, Nicholas J. Lembo, Manish A. Parikh

12:05 PM - 1:05 PM
Late-Breaking Clinical Science 2, Co-Sponsored by The European Heart Journal
Moderators: Jeroen J. Bax
Co Moderator: Bernard J. Gersh
Discussants: David A Baran, Powel E. Buszman, Robert A. Byrne, Jeff Chambers, Stephen G. Ellis, Stuart J. Head, Niels R. Holm, Ron Kornowski, Ulf Landmesser, Alexandra J. Lansky, Perwaiz M. Meraj

12:05 PM FAST FFR: Accuracy of Fractional Flow Reserve Derived From Coronary Angiography
Lecturers: William F. Fearon

12:15 PM Roundtable Discussion

12:20 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

12:30 PM Roundtable Discussion

12:35 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 Preliminary Results
Lecturers: Daniel J.F.M. Thuijs

12:45 PM Roundtable Discussion

12:50 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-Jun Park

1:00 PM Roundtable Discussion

LIVE CASE THEATER

LIVE CASE THEATER V, MONDAY, SEPTEMBER 24

MONDAY, SEPTEMBER 24, 2018
8:00 AM - 12:00 PM
Ballroom 20, Upper Level
Accrediation: CME, ASRT, MOC, CNE

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, Mahesh V Madhavan, Amirali Masoumi, Masahiko Noguchi, Evan Shlomfritz

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: Paolo Denti, Chandan Devireddy, Mackram F. Eleid, Stephen H. Little, Ganesh Manoharan, Joachim Schofer, Richard Smalling, Molly Szerlip, Dee Dee Wang
Factoid Faculty: Matthew T Finn, Mahesh V Madhavan, Amirali Masoumi, Masahiko Noguchi, Evan Shlomfritz, Sabato Sorrentino
**LIVE CASE THEATER VI, MONDAY, SEPTEMBER 24**

**MONDAY, SEPTEMBER 24, 2018**

2:00 PM - 4:00 PM  
Session I. Live Cases: Imaging/CTO/CHIP  
Live Case Moderators: Gerald S. Werner  
Live Case Co Moderators: Alaide Chieffo  
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  
NYPCHColumbia 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, Lei Ge, Omer Goktekin, Ioannis Iakovou, Tullio Palmerini, David G. Rizik, Richard A. Schatz, Ashok Seth, Jasvindar 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  
NYPCHColumbia University Medical Center New York NY  
Live Case Operators: Ziad A. Al, Dimitri Karmpaliotis, Nicholas J. Lembo, Manish A. Parikh

**KEYNOTE PRESENTATION THEATER**

**KEYNOTE INTERVENTIONAL STUDIES VII: STRUCTURAL HEART INTERVENTIONS II**

**MONDAY, SEPTEMBER 24, 2018**

8:00 AM  
Keynote Interventional Studies VII: Structural Heart Interventions II  
Moderators: Charles J. Davidson, Francesco Maisano  
Discussants: Stephan Baldus, Peter C. Block, Joseph P. Carrozza Jr, Howard C. Herrmann, Dharam J. Kumbhani, 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 - 10:15 AM  
Keynote Interventional Studies VIII: Pharmacotherapy Trials and High Bleeding Risk Patients  
Moderators: Dominick J. Angiolillo, Neal S. Kleiman  
Discussants: Tayo A. Addo, Dimitrios Alexopoulos, Dmitriy N. Feldman, Hyeon-Cheol Gwon, Kurt Huber, Norman E. Lepor, Roxana Mehran, Thomas D. Stuckey

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  
GLOBAL LEADERS: First Report of the Results in ACS and Non ACS Subgroups  
Lecturers: Pascal Vranckx

9:25 AM  
Discussion

**MONDAY, SEPTEMBER 24, 2018**

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
9:30 AM HEALING AMI: A Randomized Trial of Ticagrelor to Improve Left Ventricular Remodeling in ST Segment Elevation Myocardial Infarction
Lecturers: Yongwhi Park

9:40 AM Discussion

9:45 AM SECURE PCI: Impact of Timing of Atorvastatin Loading Dose in Patients Undergoing PCI for Acute Coronary Syndromes
Lecturers: Renato D. Lopes

9:55 AM Discussion

10:00 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

10:10 AM Discussion

KEYNOTE INTERVENTIONAL STUDIES IX: FOUR FASCINATING AND VERY DIFFERENT STUDIES

MONDAY, SEPTEMBER 24, 2018
1:00 PM - 2:00 PM
Keynote Interventional Studies IX: Four Fascinating and Very Different Studies
Moderators: John A. Bittl, Bernard J. Gersh

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. IJsselmuiden

1:25 PM Discussion

1:30 PM TAKOTSUBO SWEDEHEART: Effects of Pharmacological Interventions on Mortality in Patients With Takotsubo Syndrome
Lecturers: Elmir Omerovic

1:40 PM Discussion

1:45 PM CEREBRIA 1: Machine Learning vs Expert Human Opinion to Determine Physiologically Optimized Coronary Revascularization Strategies
Lecturers: Justin E. Davies

1:55 PM Discussion

DIDACTIC SESSIONS

DIDACTIC SESSION: PHYSIOLOGIC LESION ASSESSMENT AND INTERVENTIONAL PLANNING

MONDAY, SEPTEMBER 24, 2018
8:00 AM - 12:00 PM
Room 2, Upper Level
Accreditation: CME,MOC,ASRT

8:00 - 9:00 AM Session I. Non-invasive Imaging to Guide Revascularization
Moderators: Pamela S. Douglas, Javier Escaned
Discussants: Colin Berry, Nick Curzen, Paul Knaapen, Ran Kornowski, Michael Mooney

8:00 AM Physiology Case Vignette 1: Pulling the FFRCT RIPCORD
Case Presenter: Nick Curzen

8:05 AM Physiological Studies IX: Four Fascinating and Very Different Studies
Keynote Interventional Studies IX: Four Fascinating and Very Different Studies
Moderators: John A. Bittl, Bernard J. Gersh

8:10 AM Relative Diagnostic performance of Non Invasive Tests Versus FFR: The PACIFIC Study.
Lecturers: Pamela S. Douglas

8:15 AM FFRCT: From PLATFORM to PRECISE
Lecturers: Gregg W. Stone

8:20 AM Can FFR Guided PCI Reduce Death and MI
Lecturers: Michael Mooney

8:25 AM FFR in Every Practice TODAY: A How to Guide
Lecturers: Colin Berry

8:30 AM Physiological Studies IX: Four Fascinating and Very Different Studies
Keynote Interventional Studies IX: Four Fascinating and Very Different Studies
Moderators: John A. Bittl, Bernard J. Gersh

8:35 AM FFRCT: Interactive Virtual Stenting and DECISION
Lecturers: Pamela S. Douglas

8:40 AM FFRCT: From PLATFORM to PRECISE
Lecturers: Gregg W. Stone

8:45 AM FFRCT: From PLATFORM to PRECISE
Lecturers: Gregg W. Stone

8:50 AM Roundtable Discussion With Audience QA

9:00 AM Relative Diagnostic performance of Non Invasive Tests Versus FFR: The PACIFIC Study.
Lecturers: Pamela S. Douglas

9:05 AM Can FFR Guided PCI Reduce Death and MI
Lecturers: Michael Mooney

9:10 AM FFR in Every Practice TODAY: A How to Guide
Lecturers: Colin Berry

9:15 AM Can FFR Guided PCI Reduce Death and MI
Lecturers: Michael Mooney

9:20 AM FFRCT: Interactive Virtual Stenting and DECISION
Lecturers: Pamela S. Douglas

9:25 AM FFRCT: From PLATFORM to PRECISE
Lecturers: Gregg W. Stone

9:30 AM FFR in Non Culprit ACS Lesions: What To Do Before FULL REVASC
Lecturers: Felix Bohm

9:35 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

9:45 AM FFR in Non Culprit ACS Lesions: What To Do Before FULL REVASC
Lecturers: Felix Bohm

9:50 AM Roundtable Discussion With Audience QA

10:00 AM - 11:00 AM Session III. Resting Physiology to Guide Revascularization
Moderators: Justin E. Davies, Matthias Göttberg
Discussants: Joseph P. Carrozza Jr, Michalis Hamilos, Leandra I Lasave, Samer Mansour, Sukhjinder S Nijjer, Seung-Jung Park, Andrew Sharp

10:00 AM Relative Diagnostic performance of Non Invasive Tests Versus FFR: The PACIFIC Study.
Lecturers: Pamela S. Douglas

10:05 AM Can FFR Guided PCI Reduce Death and MI
Lecturers: Michael Mooney

10:10 AM FFR in Every Practice TODAY: A How to Guide
Lecturers: Colin Berry

10:15 AM Can FFR Guided PCI Reduce Death and MI
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Lecturers: Felix Bohm

10:40 AM FFR After PCI: Should We REACT
Lecturers: Zsolt Piroth

10:45 AM FFR in Non Culprit ACS Lesions: What To Do Before FULL REVASC
Lecturers: Felix Bohm

10:50 AM Roundtable Discussion With Audience QA
10:00 AM  Physiology Case Vignette 5: Utilization of iFR in Complex PCI
  Case Presenter: Seung-Jung Park
10:05 AM  Is iFR Guided Revascularization Effective and Cost Saving
  Lecturers: Matthias Görgber
10:15 AM  Diastolic Pressure Ratios dPR: Implications for Physiology and Practice
  Lecturers: Niels 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
  Lecturers: Eric Van Belle
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
Accreditation: CME,MOC,ASRT

10:00 AM  The 2018 Essential Toolbox for CTO PCI: Wires Micro Catheters and Other Ancillary Devices
  Lecturers: Robert F. Riley
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. McIntegart
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  Roundtable Discussion With Audience QA
10:35 AM  ADR is not Working: What Now
  Lecturers: Tony J. DeMartini
10:45 AM  Roundtable Discussion With Audience QA
10:50 AM  The Wire Has Crossed the Collateral but the Microcatheter Wont: Next Steps
  Lecturers: Ashish Pershad
11:00 AM  Roundtable Discussion With Audience QA
11:05 AM  The REVERSE CART is Not Working: What Now
  Lecturers: Masahisa Yamane
11:15 AM  Roundtable Discussion With Audience QA
11:20 AM  Hemodynamic Support for CTO PCI: Who When and How
  Lecturers: James M. McCabe
DIDACTIC SESSION: TRANSCATHETER MITRAL VALVE THERAPIES, PART 2 - TRANSCATHETER MITRAL VALVE REPLACEMENT (TMVR)

**MONDAY, SEPTEMBER 24, 2018**

**8:00 AM - 12:25 PM**
Room 1, Upper Level
Accrediation: CME,MOC,ASRT

**8:00 AM - 8:57 AM**

**Session I. TMVR Patient Selection/Trial Design**
Moderators: David H. Adams, Shmuel Banai
Discussants: Anita Asgar, Steven F. Bolling, Ted Feldman, Mark Goldberger, Alexander Lauten, Raj Makkar, Patrick T. O’Gara, Ralph Stephan von Bardeleben

- **8:00 AM**
  Why TMVR for Secondary MR May Not Be Enough: Its a Disease of the Left Ventricle Not the Mitral Valve
  Lecturers: JoAnn Lindenfeld

- **8:07 AM**
  TMVR for Secondary MR: Why Elimination of MR Can Be Beneficial
  Lecturers: William T. Abraham

- **8:14 AM**
  The Essentials of CT Imaging for TMVR
  Lecturers: Jonathan A. Leipsic

- **8:21 AM**
  Adverse Outcomes in Early Feasibility TMVR Studies: Is it the Patient the Device or the Implant Technique
  Lecturers: Molly Szerlip

- **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

- **8:57 AM - 10:34 AM**

**Session II. Early TMVR Feasibility and Pivotal Trials**
Moderators: Michael J. Mack, David W.M. Muller
Discussants: Gregory P. Fontana, Raj Makkar, Bernard Prendergast, Jason H. Rogers, Paul Sorajja, Rashmi Yadav

- **8:57 AM**
  Intrepid: Device Attributes Implant Procedure Clinical Results and APOLOLO Design and Status
  Lecturers: Michael J. Reardon

- **9:07 AM**
  Tendyne: Device Attributes Implant Procedure Clinical Results and SUMMIT Design and Status

**9:17 AM**
Lecturers: Gorav Ailawadi

**9:25 AM**
Lecturers: Shmuel Banai

**9:33 AM**
Lecturers: Ruediger S. Lange

**9:41 AM**
Lecturers: Juan F. Granada

**9:49 AM**
Lecturers: Raj Makkar

**9:57 AM**
Lecturers: Mathew Williams

**10:05 AM**
Lecturers: Francesco Maisano

**10:12 AM**
Lecturers: Philippe Genereux

**10:19 AM**
Lecturers: Rashmi Yadav

**10:34 AM - 11:27 AM**

**Session III. Complications of TMVR: What Can Go Wrong?**
Moderators: James B. Herrmiller Jr, Wilson Y. Szeto
Discussants: Khalil Fattouch, Sameer Gafoor, Adam B. Greenbaum, Roger J. Laham, Ruediger S. Lange, Rashmi Yadav

- **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 FunctionWorsened 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 - 12:25 PM**

**Session IV. TMVR Potpourri and Future Directions**
Moderators: Howard C. Herrmann, Vinod H. Thourani
Discussants: Julia Baron, Andrea Colli, Jan Kovac, 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

- **11:42 AM**
  The Panorama of Expected and Unexpected Complications of TMVR
  Lecturers: Paul Sorajja

- **11:50 AM**
  Case Presentation: Paravalvular Leak With Hemolysis
  Case Presenter: Roger J. Laham

- **11:58 AM**
  Case Presentation: Deterioration of LV Systolic FunctionWorsened Heart Failure Despite Successful TMVR
  Case Presenter: Alfredo Trento

- **12:06 AM**
  Case Presentation: Left Ventricular Outflow Tract Obstruction
  Case Presenter: Jaffar M Khan

- **12:14 AM**
  The LAMPOON Procedure: Description and Clinical Outcomes
  Lecturers: Robert J. Lederman

- **12:21 AM**
  Roundtable Discussion With Audience QA
**DIDACTIC SESSION: VASCULAR ACCESS AND INTERVENTION: RADIAL ACCESS AND BEYOND**

**MONDAY, SEPTEMBER 24, 2018**

8:00 am - 12:00 pm
Room 6D, Upper Level
Accreditation: CME,MOC,ASRT

8:00 AM - 9:00 AM

**Session I. Step by Step Fundamentals**
Radial and Ulnar Approach
Moderators: Olivier F. Bertrand, Sunil V. Rao
Discussants: Mirvat Alasnag, Jay Bagai, Binita Shah, Adhir Shroff, Jennifer A. Tremmel, Miladen 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 D.A.T.A. 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, Adam B. Greenbaum, Cindy L. Grines, Zachary Steinberg, Jennifer A. Tremmel, Zoltan G. Turi

9:00 AM  Primer on Ultrasound Guided Arterial Access Radial Ulnar LDTRA
Femoral and Pedal: A Primer
Lecturers: Kathleen 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

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?
Lecturers: Zoltan G. Turi

Lecturers: Robert W. Yeh

10:30 AM  Update on Next Generation Closure Devices
Lecturers: Itshac Itsik Ben-

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: Keith B. Allen, Usman Baber, Yuji Ikari, Duane S. Pinto, Sheila Sahni, Yader Sandoval

11:00 AM  Femoral Access Nightmares: Dealing With Complications
Lecturers: Itshac Itsik Ben-

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 Didn’t 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: Beau Hawkins

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 - 6:01 pm
Room 6D, Upper Level
Accreditation: CME,MOC,ASRT

Last Updated 09/25/2018 Page: 146
2:00 PM - 2:43 PM
Session I: Hypertension 2018 Update
Moderators: Vasiliis Papademetriou, Paul A. Sobotka
Discussants: Chee Tang Chin, Gerardo Payro, C. Venkata S. Ram, Kintur Sanghvi,
Mitchell Weinberg, Nattawut Wongprapaart

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 U.S. 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 Roundtable Discussion With Audience QA

2:43 PM - 3:23 PM
Session II: Management of Hypertension: Treatment Options
Moderators: Mark C. Bates, Bernard J. Gersh
Discussants: Herbert D. Aronow, Joost Daemen, Justin E. Davies, Franz X. Kleber,
Melvin D. Lobo, Farrell O. Mendelsohn

2:43 PM Potential Interventions for Hypertensive Patients With HFpEF
Lecturers: Franz X. Kleber

3:23 PM - 5:06 PM
Session III: Renal Denervation in 2018: What Have We Learned?
Moderators: Felix Mahfoud, Krishna J. Rocha-Singh
Discussants: David E. Kandzari, Philipp Lurz, Boris Rudenko, Robert L. Wilensky,
Adam Witkowski, Wojtek Wojakowski

3:23 PM Results and Update From the SPYRAL Hypertension Program OFF
MED and ON MED Trials
Lecturers: David E. Kandzari

3:34 PM Results and Update From the Paradise Hypertension Program OFF
MED and ON MED Studies
Lecturers: Ajay J. Kirtane

3:45 PM Results and Update From the Vessix RE INFORCE Program
Lecturers: Martin B. Leon

3:56 PM Alcohol Mediated Renal Denervation: Current Status and US Pivotal
Trial Plans
Lecturers: Felix Mahfoud

4:03 PM Clinical Trials All Look Positive: Is Renal Denervation Ready for
Clinical Practice Now
Lecturers: Chandan Devireddy

4:10 PM Roundtable Discussion With Audience QA

4:23 PM Who are the Ideal Candidates for Renal Denervation
Lecturers: Andrew Sharp

4:30 PM Predicting Responders vs Non Responders: How to Solve the Unmet
Need
Lecturers: Jie Wang

4:37 PM Sensing Renal Nerve Activity Before During and After Denervation: Autonomix
Lecturers: Robert S. Schwartz

4:44 PM Sensing Renal Nerve Activity Before During and After Denervation: SyMap
Lecturers: Jie Wang

4:51 PM Roundtable Discussion With Audience QA

5:06 PM - 6:01 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,
Chandan Devireddy, Piotr Jankowski

5:06 PM Targets for Device Based Hypertension Treatments Beyond the
Kidneys: Physiology Revisited
Lecturers: Farrell O. Mendelsohn

5:14 PM Carotid Sinus Endovascular Baroreflex Amplification Vascular
Dynamics MobiusHD: Current Status
Lecturers: Greg W. Stone

5:22 PM Transcatheter Carotid Body Denervation Cibiem: Extended Follow Up
and Future Directions
Lecturers: Felix Mahfoud

5:30 PM AV Fistula Creation ROX Coupler: Efficacy and Safety Results
Lecturers: Krishna J. Rocha-Singh

5:38 PM Pacemaker Mediated Hypertension Treatment BackBeat: First in
Man Results and Ongoing Plans
Lecturers: Daniel Burkhoff

5:46 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
Accrediation: CME,MOC,ASRT

2:00 PM - 2:34 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,
Haibam Gamra, George S. Hanel, Petr Neužil

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: Freek W.A. Verheugt

2:18 PM Debate: Is LAA Closure a Valid Alternative for Patients With No or
Mild Contraindications to Anticoagulants: Yes LAA Closure Reduces
Hemorrhagic Stroke and Mortality: And Nearly Everyone Has a
Reason Not to Take Oral Anticoagulants
3:24 PM - 4:35 PM
Session 2: Ongoing Investigations in LAA Closure
Moderators: Vivek Y. Reddy, Brian K. Whisenant
Discussants: Maurice Buchbinder, David R. Holmes Jr., Ulf Landmesser, Randall J. Lee, Matthew J. Price, Michael J. Rinaldi
3:24 PM The LAAO Registry: Overview Data Adjudication and Emerging Insights
Lecturers: Paul D. Varosy
3:34 PM FDA Perspectives on New Devices and Indications for LAA Closure
Lecturers: Andrew Farb
3:44 PM The Watchman Platform ASAP Too and Flex: Rationale Device and Overview of the Trials
Lecturers: Vivek Y. Reddy
3:54 PM The Amulet Platform Experience and US Pivotal Trial
Lecturers: Apostolos Tzikas
4:04 PM The WaveCrest Device and US Pivotal Trial
Lecturers: Gregg W. Stone
4:12 PM The Watch TAVR Trial: Rationale Design and Status
Lecturers: Samir R. Kapadia
4:20 PM Roundtable Discussion With Audience QA
4:35 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
4:35 PM Optimal Technique and Tips for Watchman Implantation
Lecturers: Saibal Kar
4:45 PM Optimal Technique and Tips for Amulet Implantation
Lecturers: Horst Sievert
4:55 PM Cardia: Differentiating Features Technique and Outcomes
Lecturers: Reda Ibrahim
5:05 PM SeLA: Differentiating Features Technique and Outcomes
Lecturers: Horst Sievert
5:15 PM Epicardial LAA closure: From Surgical Results to Transpericardial Applications
Lecturers: Krzysztof Bartus
5:25 PM The Big Picture: Choosing the Right Device for the Right Anatomy
Lecturers: Horst Sievert
5:35 PM LAA Closure: Challenging Case Vignettes
Case Presenter: Reda Ibrahim
5:45 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
Accreditation: CME,MOC,ASRT

2:00 PM - 2:07 PM
Session I. Coronary Flow: No Reflow and Infarct Size In STEMI
Moderators: Morton J. Kern, Graham Nichol
Discussants: Sorin J. Brener, Rajiv Gulati, Neal S. Kleiman, Dharam J. Kumbhani, Divaka Perera, Marco A. Perin
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: Kalpa 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
2:38 PM Mechanisms and Treatment Options for MINOCA
Lecturers: Francesco Pelliccia
2:45 PM Roundtable Discussion with Audience QA

2:57 PM - 3:49 PM
Session II. Multivessel PCI in STEMI
Moderators: Anthony H. Gershlick, Pieter C. Smits
2:57 PM Rationale and Data for Multivessel PCI in STEMI
Lecturers: Pieter C. Smits
3:04 PM Management of Non Culprit CTO in STEMI
Lecturers: Emmanouil S. Brilakis
3:11 PM The Role of FFR iFR and iMR in Assessing Non Culprit Lesions and Vessels in STEMI
Lecturers: Joe Myung Lee
3:18 PM Flash Debate 1: Based on What We Know Routine Multivessel Revascularization Acute or Delayed is the Preferred Strategy
## Session III. Cardiogenic Shock

**Moderators:** Vladimir Dzavik, Richard Smalling  
**Discussants:** Ramesh K. Adiraju, Nicola Corvaja, Vasim Farooq, Sanjog Kalra, Barry D. Rutherford, Marco V. Wainstein

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Lecturers</th>
<th>Moderators</th>
<th>Roundtable Discussion with Audience QA</th>
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</thead>
<tbody>
<tr>
<td>3:57 PM</td>
<td>Hemodynamic Support: Which Device for Which Patient and Why</td>
<td>Daniel Burkhoff</td>
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<tr>
<td>4:05 PM</td>
<td>Using Hemodynamics to Guide Decision Making in Cardiogenic Shock</td>
<td>Salvatore F. Mannino</td>
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<tr>
<td>4:13 PM</td>
<td>Hub and Spoke Strategies for Cardiogenic Shock: What are the Essential Elements</td>
<td>Holger Thiele</td>
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<tr>
<td>4:35 PM</td>
<td>Post Cath Lab Management of Shock: What's the Role of the Interventionist</td>
<td>Michael J. Lim</td>
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<tr>
<td>4:43 PM</td>
<td>Case Presentation 3: STEMI With Cardiogenic Shock and No Simple Options for MCS</td>
<td>M Chadi Alraies</td>
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<tr>
<td>4:51 PM</td>
<td>Essential Elements for a Contemporary Shock Trial</td>
<td>James E. Udelson</td>
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<td>4:59 PM</td>
<td>Roundtable Discussion with Audience QA</td>
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## Session IV. Cardiac Arrest

**Moderators:** Navin K. Kapur, Duane S. Pinto  
**Discussants:** David A. Baran, Stefan Harb, Michel R. Le May, Robert T. Pyo, Ivan C. Rokos, Christian M. Spaulding

<table>
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<tr>
<th>Time</th>
<th>Title</th>
<th>Lecturers</th>
<th>Moderators</th>
<th>Roundtable Discussion with Audience QA</th>
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<tbody>
<tr>
<td>5:14 PM</td>
<td>To Cath or Not to Cath in OHCA: Data and Decision Making Criteria</td>
<td>Christian M. Spaulding</td>
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<tr>
<td>5:21 PM</td>
<td>Hemodynamic Support and Hypothermia Strategies for Cardiac Arrest</td>
<td>Michael Mooney</td>
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<tr>
<td>5:29 PM</td>
<td>Flash Debate 3: VA ECMO Is Best Implemented by the Interventionalist</td>
<td>Sandeep Nathan</td>
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</tbody>
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**DIDACTIC SESSION: THE CTO SUMMIT, PART 2: COMPLICATIONS**

**MONDAY, SEPTEMBER 24, 2018**

**2:00 PM - 6:00 PM**  
**Room 5, Upper Level**  
**Accreditation: CME, MOC, ASRT**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Lecturers</th>
<th>Moderators</th>
<th>Roundtable Discussion with Audience QA</th>
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<tbody>
<tr>
<td>2:00 PM</td>
<td>Complication Lessons From the PROGRESS CTO Registry</td>
<td>Iosif Xenogiannis</td>
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<td>2:10 PM</td>
<td>Roundtable Discussion With Audience QA</td>
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<td>2:15 PM</td>
<td>Complication Lessons From OPEN CTO</td>
<td>Adam C. Salisbury</td>
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<td>2:25 PM</td>
<td>Roundtable Discussion With Audience QA</td>
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<tr>
<td>2:30 PM</td>
<td>Session II. Complication Management</td>
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<tr>
<td>2:30 PM</td>
<td>Managing Perforations I: Antegrade Wire or Device Exit How to Recognize and Options for Management</td>
<td>Khaldoon Alaswad</td>
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<td>2:40 PM</td>
<td>Roundtable Discussion With Audience QA</td>
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<td>2:45 PM</td>
<td>Managing Perforations II: Perforation of the Target Vessel How to Avoid and Manage</td>
<td>Farouc A Jaffer</td>
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<td>2:55 PM</td>
<td>Roundtable Discussion With Audience QA</td>
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<tr>
<td>3:00 PM</td>
<td>Managing Perforations III: Retrograde Collateral Ruptures How to Avoid and Manage</td>
<td>Sanjog Kalra</td>
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<td>3:10 PM</td>
<td>Roundtable Discussion With Audience QA</td>
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<tr>
<td>3:15 PM</td>
<td>Managing Perforations IV: Septal and Free Wall Adventures How to Recognize and Avoid and Manage</td>
<td>Scott Harding</td>
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<tr>
<td>3:25 PM</td>
<td>Roundtable Discussion With Audience QA</td>
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</tbody>
</table>
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 and/or 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: Paul Knaapen, Yuejin Yang
Discussants: Kevin J. Croce, Margaret B. McEntegart, Lampros K. Michalis, Toshiya Muramatsu, Gennaro Sardella, Hadley Wilson

4:00 PM  My Worst 2 Complications and What I Learned
Case Presenter: Kathleen 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
Case Presenter: Gerald S. Werner

4:55 PM  Roundtable Discussion With Audience QA

5:00 PM - 6:00 PM
Session IV. More Case-Based Complications
Moderators: M. Nicholas Burke, Jonathan M. Hill
Discussants: Debabrata Dash, Kefei Dou, Ahmed Elghamaz, Scott Harding, Masati Nakamura, Bin Zhang

5:00 PM  My Worst 2 Complications That I Saved
Case Presenter: Tony J. DeMartini

5:15 PM  Roundtable Discussion With Audience QA

5:20 PM  My Worst 2 Complications: Central Venous Stents When Which Ones and How With Case Reviews
Case Presenter: Jay Mathews

5:35 PM  Roundtable Discussion With Audience QA

5:40 PM  My Worst 2 Complications That The Patient Couldn’t Recover From
Case Presenter: Khalid Omar Tammam

5:55 PM  Roundtable Discussion With Audience QA

TCT ENDOVASCULAR

TCT ENDOVASCULAR: EXPERT CASE REVIEWS - COMPLICATIONS OF ENDOVASCULAR INTERVENTIONS

MONDAY, SEPTEMBER 24, 2018
12:15 PM - 1:45 PM
Room 300-E, Upper Level
Accreditation: CME,MOC,ASRT

12:15 PM - 1:45 PM
Complications of Endovascular Interventions
Moderators: Sahil A. Parikh, 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: Mazen Abu-Fadel

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: Mehdi H. Shishehbor

12:45 PM  Case 4: Worst Endoleak Ever
Case Presenter: Virendra I Patel

12:55 PM  Case 5: Carotid Stent Thrombosis
Case Presenter: Herbert D. Aronow

1:05 PM  Case 6: IVC Filter Embolization
Case Presenter: J. Stephen Jenkins

1:15 PM  Case 7: TEVAR Too Far
Case Presenter: Somjit 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: Salman A. Arain

TCT ENDOVASCULAR: EXPERT CASE REVIEWS - DEEP AND SUPERFICIAL VENOUS INTERVENTIONS

MONDAY, SEPTEMBER 24, 2018
12:15 PM - 1:45 PM
Room 300-E, Upper Level
Accreditation: CME,MOC,ASRT

12:15 PM - 1:45 PM
Session I: Management of Deep Venous Disease
Moderators: Brian G. DeRubertis, Mahmood K. Razavi

12:15 PM  Chronic IVC Filter Occlusion: Aggressive Retrieval Techniques vs Recanalization With Case Reviews
Lecturers: Brian G. DeRubertis

12:25 PM  How I Treat Femoral Vein Occlusions With Case Reviews
Lecturers: Robert A. Lookstein

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
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, Robert A. Lookstein, Nick Morrison, Sanjum S Sethi
Endothermal Venous Ablation: Step By Step Approach and Avoiding Pitfalls With Case Reviews  
Lecturers: Sanjiv Lakhanpal

Non Thermal Ablation of Superficial Axial Veins With Case Reviews  
Lecturers: Raghu Kolluri

Management of Pelvic Congestion Syndrome With Case Reviews  
Lecturers: Brian G. DeRubertis

Duplex Evaluation of Venous Reflux: Simple to Complex Case Examples  
Lecturers: Teresa L. Carman

Venous Ulcer Management After Venous Ablation With Case Reviews  
Lecturers: Raghu Kolluri

Acute Pulmonary Embolism: How Big Is the Problem and How to Start a PERT  
Lecturers: Teresa L. Carman

Data for Lytic Therapy in Massive and Submassive Pulmonary Embolism  
Lecturers: Akhilesh K. Sista

Emerging Catheter Based Techniques to Treat Acute Pulmonary Embolism  
Lecturers: Robert A. Lookstein

When to Employ Advanced Therapies in PE  
Lecturers: Jay S. Giri

Special Topic: What Is the Role of Balloon Pulmonary Angioplasty for Treatment of CTEPH  
Lecturers: Ehtisham Mahmud

Roundtable Discussion With Audience QA

Who Should Get an IVC Filter Review of the Guidelines  
Lecturers: Akhilesh K. Sista

Overview of Current and Future IVC Filter Devices  
Lecturers: Rahul S. Patel

Complications of IVC Filters: Spectrum Frequency Treatment and Avoidance Strategies  
Lecturers: Eric A Secemsky

Tips and Tricks for Tough IVC Filter Retrievals  
Lecturers: John Moriarty

Special Topic: What is Happening Nationally and What is the Future of IVC Filters  
Lecturers: Robert A. Lookstein

Roundtable Discussion with Audience QA

Welcome and Opening Remarks  
Lecturers: Wayne B. Batchelor

Diversity in the Interventional Workplace: Current Challenges and Opportunities  
Lecturers: Roxana Mehran

TAVR: Where Are We Headed  
Lecturers: Seun Alli

Should We Expand TAVR to Non Traditional Centers  
Lecturers: Uzoma Ibebuogu

PAD: Overview of Current Management Strategies Can We Do Better  
Lecturers: Foluso Fakorede

Should There Be Regionalization of CLI management  
Lecturers: Lee Kirksey

Clinical Research 101: How to Build a Successful Research Program in Private Practice  
Lecturers: Wayne B. Batchelor

Roundtable Discussion with Audience QA

Closing Remarks and Take Home Messages  
Lecturers: Wayne B. Batchelor
EXPERT CASE REVIEW LUNCHES

COMPLEX INTERVENTIONS: EXPERT CASE REVIEWS - DIAGNOSIS AND MANAGEMENT OF HEAVILY CALCIFIED LESIONS

MONDAY, SEPTEMBER 24, 2018
12:15 pm - 2:00 pm
Room 26A-B, Upper Level
Accreditation: CME,MOC

Diagnosis and Management of Heavily Calcified Lesions
Moderators: Philippe Genereux, Ajay J. Kirtane
Co-Moderator: Giora Weisz
Discussants: Alaide Chieffo, Carlo Di Mario, Stefan Harb, Richard A. Schatz, Sigmund Silber

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

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
Accreditation: CME,MOC

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
### COMPLEX INTERVENTIONS: EXPERT CASE REVIEWS - INTRAVASCULAR IMAGING  
**IVUS, OCT AND NIRS**

**MARCH 2018**  
**12:15 PM - 1:51 PM**  
**Room 28A-B, Upper Level**  
**Accreditation: CME,MOC**

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<tr>
<th>Time</th>
<th>Case</th>
<th>Presenter</th>
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<tr>
<td>12:15 PM</td>
<td>Introduction: What Do We Hope to Learn From these Cases</td>
<td>Lecturers: Gary S. Mintz</td>
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<tr>
<td>12:18 PM</td>
<td>Case 1: A Case in Which Pre and Post interventional IVUS Changed the Number Length and/or Diameters of Stents Used</td>
<td>Case Presenter: Massoud A. Leesar</td>
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<tr>
<td>12:26 PM</td>
<td>Case 2: A Case in Which Pre and Post interventional OCT Changed the Number Length and/or Diameters of Stents Used</td>
<td>Case Presenter: Eisuke Usui</td>
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<tr>
<td>12:34 PM</td>
<td>Case 3: A Case in Which Intravascular Imaging Changed My Pre-stent Plaque Modification Strategy</td>
<td>Case Presenter: YunDai Chen</td>
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<tr>
<td>12:42 PM</td>
<td>Case 4: A Case in Which NIRS IVUS was Useful to Guide Stenting</td>
<td>Case Presenter: James A. Goldstein</td>
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<tr>
<td>12:50 PM</td>
<td>Case 5: A Case in Which I Used OCT to Reduce DAPT Duration</td>
<td>Case Presenter: Wojtek Wojakowski</td>
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<td>12:58 PM</td>
<td>Case 6: A Case in Which OCT Found the Hidden Culprit Lesion in ACS</td>
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### COMPLEX INTERVENTIONS: EXPERT CASE REVIEWS - MITRAL VALVULOPLASTY

**MARCH 2018**  
**12:15 PM - 1:45 PM**  
**Room 27A-B, Upper Level**  
**Accreditation: CME,MOC**

<table>
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<tr>
<td>12:15 PM</td>
<td>Introduction: What Do We Hope to Learn From These Cases</td>
<td>Lecturers: Igor F. Palacios</td>
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<tr>
<td>12:20 PM</td>
<td>Case 1: Inoue vs Double Balloon Mitral Valvuloplasty in Optimal Patients</td>
<td>Case Presenter: Rahul Sakhuja</td>
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<tr>
<td>12:30 PM</td>
<td>Case 2: Mitral Valvuloplasty With 3D and ICE Imaging</td>
<td>Lecturers: Howard C. Herrmann</td>
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<tr>
<td>12:40 PM</td>
<td>Case 3: Inoue Technique Mitral Valvuloplasty Is Not Always Straight Forward</td>
<td>Lecturers: Alexander Llanos</td>
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<td>12:50 PM</td>
<td>Case 4: Mitral Valvuloplasty Complicated by Severe Mitral Regurgitation in a Patient With Rheumatic Mitral Stenosis</td>
<td>Case Presenter: Christian F. Witzke</td>
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<tr>
<td>1:00 PM</td>
<td>Case 5: Mitral Valvuloplasty in a Patient With Severe Mitral Stenosis From Mitral Annular Calcification</td>
<td>Case Presenter: Roberto J Cubeddu</td>
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<tr>
<td>1:10 PM</td>
<td>Case 6: An Unusual Complication of Mitral Valvuloplasty in a Patient With Severe Calcific Mitral Stenosis</td>
<td>Case Presenter: David R. Holmes Jr.</td>
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COMPLEX INTERVENTIONS: EXPERT CASE REVIEWS - PARAVALVULAR LEAK CLOSURE

MONDAY, SEPTEMBER 24, 2018
12:15 PM - 1:45 PM
Paravalvular Leak Closure
Moderators: Anita Asgar, Chet Rihal
Discussants: Mackram F. Eleid, 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: Holger M. Nef

12:50 PM Case 4: A Complex Mitral Paravalvular Leak
Lecturers: 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
Case Presenter: Mackram F. Eleid

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 - 1:45 PM
Room 29A-B, Upper Level
Accreditation: MOC, CME

12:15 PM What We hope to Learn From These Cases
Lecturers: Robert J. Sommer

12:22 PM A Case That Favors Cardioform Device
Case Presenter: Asim Cheema

12:29 PM A Case That Favors the Amplatzer PFO Device
Case Presenter: Megan Cloyewright

12:36 PM A PFO With a Significant Atrial Septal Aneuorysm
Case Presenter: Zachary Steinberg

12:43 PM A PFO Closure Complicated by Defibrillator Lead
Case Presenter: Marie-France Poulin

12:51 PM A PFO With LongWell Attached PFO Tunnel
Case Presenter: Amar KrishnaSwamy

12:59 PM - 1:46 PM
Session II: PFO Clinical Conundrums
Moderators: Zahid Amin, Robert J. Sommer
Discussants: Peter C. Block, John P. Breinholt, Craig E Fleishman, Jan Kovac, Harsimran Sachdeva Singh, Christian Spies

12:59 PM A Patient With Migraine With Aura Mimicking TIA: Is PFO Closure Appropriate
Case Presenter: Ashish Shah

1:07 PM A Patient with a PFO and Cryptogenic Stroke Outside the Recommended Age Range: Is PFO Closure Appropriate
Case Presenter: David E. Thaler

1:15 PM A Patient With Atrial Fibrillation Cryptogenic Stroke and PFO: Watchman Despite OAC
Case Presenter: Saibal Kar

1:23 PM A Patient With DVT Pulmonary Embolus and PFO: Close on OAC
Case Presenter: Harsimran Sachdeva Singh

1:31 PM A Patient Requiring Surgery With a PFO and a High Risk of VTE: Paradoxical Embolization: Close for Primary Stroke Prevention
Case Presenter: Zahid Amin

1:39 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 32A-B, Upper Level
Accreditation: CME, MOC

12:15 PM What We hope to Learn From These Cases
Lecturers: Robert J. Sommer

12:22 PM A Case That Favors Cardioform Device
Case Presenter: Asim Cheema

12:29 PM A Case That Favors the Amplatzer PFO Device
Case Presenter: Megan Cloyewright

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1:31 PM A Patient Requiring Surgery With a PFO and a High Risk of VTE: Paradoxical Embolization: Close for Primary Stroke Prevention
Case Presenter: Zahid Amin

1:39 PM Conclusions and Take Home Messages
Lecturers: Robert J. Sommer
SPECIAL SESSIONS

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
Accrediation: CME, MOC

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-Da Tang
Discussants: James B. Hermiller Jr, Chenguang Qiu, Fei Ye

Case 1: A Left Main Bifurcation Intervention in STEMI PCI

SPECIAL SESSION: BEST PRACTICE OF CONTEMPORARY PCI IN CHINA

MONDAY, SEPTEMBER 24, 2018
9:00 AM - 11:00 AM
Room 28A-B, Upper Level
Accrediation: CME, MOC

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

10:40 AM
Update on Treatments and Techniques of Coronary Calcium
Lecturers: Fei Ye

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
Accrediation: CME, MOC
1:00 PM - 2:00 PM
Bootcamp I: Essential Cath Lab Management Skills
Moderators: Prashant Kaul, Daniel M. Kolansky
Discussants: Robert J. Applegate, Samir R. Kapadia, Duane S. Pinto, Arnold Seto, Bernadette S. Speiser, Hadley Wilson
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 Can We All Just Get Along
Lecturers: Hadley Wilson
1:45 PM Roundtable Discussion With Audience QA

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
Discussants: J. Dawn Abbott, Adnan K. Chhatriwalla, Michael A. Kutcher, Duane S. Pinto, Adhir Shroff
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: Sunil V. Rao
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: Adhir Shroff
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, Dimitriy 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
Accreditation: CME, MOC
2:00 PM Social Media, Digital Health, and Communication Skills
Lecturers: C. Michael Gibson, Mamas Mamas
Discussants: Mirvat Alasnag, M Chadi Alraies, Elano 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 On line 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 Sabbag

3:40 PM  Fascinating QA

PRESENTATION THEATER PROGRAMS

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  Cerebral Embolic Protection with Sentinel in TAVR: Shifting the Paradigm Toward Standard of Care  
Chairs: Martin B. Leon, Raj Makkar  
Faculty: Hemal Gada, Lars Sondergaard, 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 Sonderegard

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 Sonderegard

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

11:30 AM  My Experience with Balloon Expandable and Self-Expanding Stent Grafts in Treating Aortoiliac Occlusive Disease  
Faculty: Ehrin J. Armstrong

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  SCAs 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  SCAs 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: Elliott M. Groves

12:20 PM  Discussion and Key Takeaways  
Discussants: J. Dawn Abbott, Elliott M. Groves, Rajiv Gulati, Arasi Maran, Arnold Seto, Adhir Shroff

12:30 PM  Adjourn

PRESENTATION THEATER PROGRAM: THE NEW FRONTIER: CAN WE FINALLY PREDICT AND START TREATING VULNERABLE PLAQUE? (SPONSORED BY INFRAREDX, INC.)

MONDAY, SEPTEMBER 24, 2018
11:30 AM - 12:30 PM
Presentation Theater 5, Exhibit Hall, Ground Level

11:30 AM  The New Frontier: Can We Finally Predict and Start Treating Vulnerable Plaque?  
Chairs: Ron Waksman  
Faculty: David Erlinge, John McB. Hodgson, Ryan D. Madder, James E. Muller, Jonathan Tobis, Robert L. Wilensky

11:30 AM  Introduction  
Lecturers: Ron Waksman

11:35 AM  IVUSNIRS Technology Overview and Early Clinical Trials  
Lecturers: Ron Waksman
PRESENTER THEATER PROGRAM: TRANSCATHETER TRICUSPID VALVE INTERVENTIONS (SPONSORED BY CRF, SUPPORTED BY EDWARDS LIFESCIENCES)

MOMDAY, SEPTEMBER 24, 2018

11:30 AM - 12:30 PM
Transcatheter Tricuspid Valve Interventions
Co Chairs: Michael J. Mack, Mark Reisman
Lecturers: Krzysztof Bartus
Faculty: JoAnn Lindenfeld, Chet Rihal, Maurice E. Sarano

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: Mark Reisman

11:44 AM Other Transcatheter Approaches to TR Reduction
Lecturers: Chet Rihal

11:51 AM The Heart Failure Specialist Perspective of TR Management
Lecturers: JoAnn Lindenfeld

11:58 AM The Surgeon Perspective of TR Treatment: Surgery vs. Transcatheter Therapy
Lecturers: Krzysztof Bartus

12:05 PM Focused Discussion: Is there enough in the Toolbox Is There an Opportunity for Earlier Intervention with Transcatheter Therapy
Adjourn

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, Patrick W. Serruys
Faculty: Ori Ben-Yehuda, Bernardo Cortese, Sameer Dani MD, DM, Azeem Latib, Martin B. Leon, Roxana Mehran, Luca Testa, MD, PhD

1:00 PM Special Features and Clinical Experience
Lecturers: Azeem Latib

1:08 PM Why should I use Abluminus for Diabetic Patients
Lecturers: Roxana Mehran

1:16 PM Overall Experience of Abluminus DES in Real World and Dedicate Global Clinical Registry
Lecturers: Luca Testa

1:24 PM Panel Discussion

1:30 PM From Concept to USA IDE Trial Design
Lecturers: Ori Ben-Yehuda

1:38 PM European Experience and Clinical Programme
Lecturers: Bernardo Cortese

1:46 PM Challenging Cases with Imaging
Lecturers: Bernardo Cortese

1:54 PM Panel Discussion

PRESENTATION THEATER PROGRAM: COMPLEX PCI IN 2018: ECLIPSE-ING THE STANDARD OF CONVENTIONAL ANGIOPLASTY (SPONSORED BY CRF, SUPPORTED BY CARDIOVASCULAR SYSTEMS, INC.)

MOMDAY, SEPTEMBER 24, 2018

1:00 PM - 2:00 PM
Complex PCI in 2018: ECLIPSE-ing the Standard of Conventional Angioplasty
Co Chairs: Ajay J. Kirtane, William L. Lombardi
Faculty: Ehrin J. Armstrong, Jonathan M. Hill, Jasvinder Singh

1:00 PM Why We Don't See Type A Lesions Anymore and What We Need to Prepare for this Change
Lecturers: William L. Lombardi

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: Jasvinder 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
INTERNATIONAL SOCIETY SESSIONS

INTERNATIONAL SESSION: MODERN AND EMERGING ENDOVASCULAR TECHNIQUES TO TREAT COMPLEX AORTIC PATHOLOGY PRESENTED BY THE BULGARIAN SOCIETY OF ENDOVASCULAR THERAPY, SCOTTISH CHAPTER OF THE INTERNATIONAL SOCIETY OF ENDOVASCULAR SPECIALISTS, AND THE FRENCH CHAPTER OF THE INTERNATIONAL SOCIETY OF ENDOVASCULAR SPECIALISTS

MONDAY, SEPTEMBER 24, 2018
8:30 AM - 10:30 AM
Room 27A-B, Upper Level
8:30 AM - 12:00 PM
Complex and Complicated Coronary and Structural Interventions
Moderators: Jorge Cortes Lawrenz, Juan F. Granada, Oscar A. Mendiz
Discussants: Carlos Cabrera Arroyo, Carlos D Calderas, Anibal A. Damonte, Nabeel Ismaeil

8:30 AM
Introduction
Lecturers: Juan F. Granada

9:05 AM
Discussion: Case 1 from Argentina: Complex Paravalvular Leak Closure
Case Presenter: Gustavo Alejandro Lev

9:40 AM
Discussion: Case 3 from Saudi Arabia: STEMI Air Shock and Embolism
Case Presenter: Mostafa Q Al Shamiai

10:15 AM
Discussion: Case 5 from Argentina: Transfemoral TAVR Complicated by Stuck Delivery System After Deployment
Case Presenter: Miguel A Ballarino

10:50 AM
Discussion: Case 7 from Chile: Transcaval TAVR Complicated by Double Trouble
Case Presenter: Waleed Alharbi

11:25 AM
Discussion: Case 4 from Venezuela: Is Endovascular Treatment Still an Option When EVAR Fails
Case Presenter: Carlos D Calderas

11:57 AM
Discussion: Case 6 from Saudi Arabia: Transcaval TAVR Complicated by Double Trouble
Case Presenter: Waleed Alharbi

12:00 PM
Conclusions and Take Home Messages
Lecturers: Donald B. Reid
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
Room 27A-8, Upper Level

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, Zsolt Piroth, 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
Lecturers: Zsolt Piroth

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, Zsolt Piroth, Lucian Marius Predescu, Li-Wah Tam

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: Sreenivas Kumar Arramraju, Sreenivas Arramraju Kumar, Sahil A. Parikh
Discussants: Subhash Banerjee, Raghu Cherukupalli, Manotosh Panja, Gokul M. Reddy

3:30 pm | Introduction and Session Goals
Lecturers: Sreenivas Arramraju Kumar

3:35 pm | How to Avoid Complications in the Cath Lab With Case Examples
Lecturers: Sundeep Mishra

3:50 pm | Roundtable Discussion With Audience QA

3:55 pm | CHIP: Success and Regret Cases
Case Presenter: Prathap Kumar

4:10 pm | Roundtable Discussion With Audience QA

4:15 pm | Acute MI and ACS Cases: Mortality and Fortunate Saves
Case Presenter: Sreenivas Arramraju Kumar

4:30 pm | Intravascular Imaging in Complications Management: A Series of Cases
Roundtable Discussion With Audience QA

4:45 pm | Aortic Aneurysm and Dissection Cases: Difficult Saves and Complications
Case Presenter: Sreenivas Arramraju Kumar

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
Accreditation: CME,MOC

8:30 AM - 9:30 AM
Cardiogenic Shock and Ventricular Assist III
Moderators: Timothy D. Henry, 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
Discussion

8:42 AM
Lecturers: Benjamin Seguy
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
Discussion

9:01 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
Discussion

9:06 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
Discussion

9:13 AM
TCT 746: Can Cardiac MRI Viability Assessment Guide Revascularization Decisions in Patients With Ischemic Cardiomyopathy
Lecturers: Demetrios Doukas, MD
Discussion

9:25 AM
TCT 748: Performance of Helix Transendocardial Biotherapeutic Delivery System After 300 Cases
Lecturers: Eric Duckers, MD
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
Accreditation: CME,MOC

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
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
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

TCT 767: Coronary Artery Aneurysm After Drug Eluting Stenting Incidence Predictors and Outcome: A Single Centered Study
Lecturers: Puneet Aggarwal, MD

TCT 768: Impact of PSP Technique on Clinical Outcomes Following Metallic Drug Eluting Stent Implantations
Lecturers: Xueyan Zhao, MD

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
Accreditation: CME,MOC

TCT 769: Implementation of A Same Day Discharge Program After Percutaneous Coronary Intervention in Patients With Increased Risk
Lecturers: Gerardo Nau

TCT 770: Contemporary Trends Readmission Rates and Costs of Same Day Discharge Among Patients Undergoing Elective Percutaneous Coronary Intervention: Department of Veterans Affairs 2008-2016
Lecturers: Jennifer Rymer, MD

TCT 771: Temporal Trends in Risk Profiles of Patients Receiving Percutaneous Coronary Intervention and Coronary Artery Bypass Grafting: Insights From the Washington State Clinical Outcomes Assessment Program Coap
Lecturers: Akash Kataruka, MD

TCT 772: Practice Level Variation in initial Treatment Strategy in Patients With Non ST Segment Elevation Myocardial Infarction: A Multi Level Methodological Approach

MODERATED POSTER SESSION: PHARMACOLOGY: DUAL AND TRIPLE ANTI-PLATELET THERAPY I
MONDAY, SEPTEMBER 24, 2018
8:30 AM - 9:18 AM
Moderated Posters 8, Exhibit Hall, Ground Level
Accreditation: CME,MOC

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

TCT 776: Duration of Dual Antiplatelet Therapy After Drug Coated Balloon Implantation
Lecturers: Franz Kleber, MD

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
8:30 AM - 9:30 AM
**TAVR and MV Disease or LAA Closure**
Moderators: Paul A. Grayburn, Karl-Heinz Kuck
Discussants: Krzysztof Bartus, Megan Coylewright, Matthew J Daniels, James B. Hermiller Jr

8:30 AM
**TCT 740: Impact of Calcific Mitral Stenosis on Survival in Patients With Aortic Stenosis Treated With TAVR**
Lecturers: Anna Sannino, MD

8:37 AM
Discussion

8:42 AM
**TCT 741: Impact of Transcatheter Aortic Valve Replacement on Mitral Valve Gradients**
Lecturers: Anna Sannino, MD

8:49 AM
Discussion

8:54 AM
**TCT 742: Percutaneous Left Atrial Appendage Closure Following Transcatheter Aortic Valve Replacement: Results From the Attractive Study**
Lecturers: Liesbeth Rosseel, MD

9:01 AM
Discussion

9:06 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

9:13 AM
Discussion

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8:30 AM - 9:30 AM
**TAVR Sizing**

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

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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

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**MODERATED POSTER SESSION: TRANSRADIAL ACCESS COMPLICATIONS**
MONDAY, SEPTEMBER 24, 2018
8:30 AM - 9:30 AM
Moderated Posters 3, Exhibit Hall, Ground Level
Accrediation: CME,MOC

8:30 AM - 9:30 AM
**Tranradial Access Complications**
Moderators: Ronald Caputo
Discussants: Mazen Abu-Fadel, Marta Bande, Warren J. Cantor, Vladimir Dzavik, Alejandro Goldsmit, Eufrancino 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

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**MODERATED POSTER SESSION: INTERVENTION THERAPIES IN PATIENTS WITH DIABETES MELLITUS II**
9:30 AM - 10:18 AM
**Intervention Therapies in Patients With Diabetes Mellitus II**
Moderators: Donald Cutlip, Michael E. Farkouh
Discussants: Jaya Chandrasekhar, Mark Goldberger, Fazila T. Molik, 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 Bioresorbable Polymer Sirolimus Eluting Stents vs Thin Durable Polymer Everolimus Eluting Stents for Treatment of Patients With Diabetes Mellitus
  - Lecturers: Evan Shlofmitz

**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

**10:18 AM**
- 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

**10:25 AM**
- Discussion

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**MODERATED POSTER SESSION: MI DEFINITIONS**

**MONDAY, SEPTEMBER 24, 2018**
**9:30 AM - 10:30 AM**
Moderated Posters 2, Exhibit Hall, Ground Level
Accreditation: CME,MOC

**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

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**9:30 AM - 10:30 AM**
**Optimal Diagnosis and Treatment of Patients with STEMI or NSTEMI III**
**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
Accreditation: CME,MOC

**9:30 AM - 10:30 AM**
**Optimal Diagnosis and Treatment of Patients with STEMI or NSTEMI III**
Moderators: Walter Desmet, Bill French
Discussants: YunDai Chen, Maximilan Y Emmert, Jinchen Guo, Sreenivas Arramraju Kumar

**9:30 AM**
- 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

**9:37 AM**
- Discussion

**9:42 AM**
- 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

**9:54 AM**
- 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

10:06 AM TCT 807: Post Procedural Intracoronary Physiology Predicts Final Myocardial Injury After STEMI Insights From the OxAMI Study
Lecturers: Roberto Scarsini
10:13 AM Discussion

10:18 AM 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
Accreditation: CME,MOC

9:30 AM - 10:30 AM
Pharmacology: Dual and Triple Anti-Platelet Therapy II
Moderators: Tullio Palmerini
Discussants: Usman Baber, Piotr Jankowski, Eliano Pio Navarese

9:30 AM 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 Bayesian 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
Accreditation: CME,MOC

9:30 AM - 10:30 AM
Racial and Gender Disparities in Coronary Artery Disease and Intervention II
Moderators: Amisha Patel, Bonnie H. Weiner
Discussants: Christopher Kim, 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 Bioreabsorbable 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 - 10:06 AM
Moderated Posters 1, Exhibit Hall, Ground Level
Accreditation: CME,MOC
TAVR vs TAVR and TAVR vs SAVR II

Moderators: Jean-Claude Labarde, Helge Möllmann
Discussants: Andrea Colli, Khalil Fattouch, 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 783: Procedural and Clinical Outcomes of Newer Generation Transcatheter Aortic Valves vs First Generation Transcatheter Aortic Valves
Lecturers: Carlos Giuliani

10:01 AM | Discussion

MODERATED POSTER SESSION: TRANSCATHETER TREATMENT OF MV AND TV DISEASE I

MONDAY, SEPTEMBER 24, 2018
9:30 AM - 10:18 AM
Moderated Posters 5, Exhibit Hall, Ground Level
Accreditation: CME,MOC

9:30 - 10:18 AM | Transcatheter Treatment of MV and TV Disease I
Moderators: Jeroen J. Bax, Scott Lim
Discussants: Sammy Elmahrain, Christian Frierker, Tsuyoshi Kaneko, Saurabh Sanon

9:30 AM | TCT 800: Immediate and Long Term Predictor Score of Success After Percutaneous Mitral Balloon Valvuloplasty
Lecturers: Rafael Alexandre Meneguz-Moreno

9:37 AM | Discussion

9:42 AM | TCT 801: Predictors of Immediate Success and Long Term Clinical Outcomes After Percutaneous Mitral Balloon Valvuoloplasty in Patients With Rheumatic Mitral Stenosis
Lecturers: Rafael Alexandre Meneguz-Moreno

9:49 AM | Discussion

9:54 AM | TCT 802: Effects of Pulmonary Hypertension on Transcatheter Mitral Valve Repair Outcomes: Analysis of the STSACC TVT Registry

10:01 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
Accreditation: CME,MOC

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: Karim 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
Accreditation: CME,MOC
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: Patient 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: HOCM OR ALCOHOL SEPTAL ABLATION
MONDAY, SEPTEMBER 24, 2018
10:30 AM - 11:30 AM
Moderated Posters 3, Exhibit Hall, Ground Level
Accrediation: CME,MOC

10:30 AM  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

10:42 AM  TCT 828: Clinical Outcomes Following Focal Ablation A New Technique for the Performance of Alcohol Septal Ablation
Lecturers: Youssef Rahban

10:49 AM  Discussion

10:54 AM  TCT 830: Outcomes of Acute Myocardial Infarction in Hypertrophic Obstructive Cardiomyopathy
Lecturers: Obai Abdullah

11:01 AM  Discussion

11:06 AM  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

11:13 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
Accrediation: CME,MOC

10:30 AM  TCT 823: Identification of Patient and Procedural Characteristics Associated With High Radiation Use During TAVI
Lecturers: Wieneke Vlastra

10:37 AM  Discussion

10:42 AM  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

10:49 AM  Discussion

10:54 AM  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

11:06 AM  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

11:13 AM  Discussion
10:30 AM - 11:30 AM
LMCA Disease and Intervention III
Moderators: Andrejs Erglis, Leif Thuesen
Discussants: Alaine Chieffo, Nicolas Foin, Robert J. Gil, Mamas Mamas

10:30 AM 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

10:42 AM 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
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 Claesen

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

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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
Accreditation: CME,MOC

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 Eluti
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

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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
Accreditation: CME,MOC

10:30 AM - 11:30 AM
TAVR Risk Stratification and Outcomes IV
Moderators: Marie-Claude Morice, Christin M. Spaulding
Discussants: David J. Cohen, 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

10:49 AM Discussion

10:54 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 S3 Trials
Lecturers: Ajay J. Kirtane

10:57 AM Discussion
11:01 AM  Discussion

11:06 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

11:13 AM  Discussion

11:18 AM  TCT 721: Transcatheter Aortic Valve Replacement in Patients With Chronic Pulmonary Hypertension
Lecturers: Obai Abdullah

11:25 AM  Discussion

10:30 AM - 11:18 AM  Vascular Access During PCI III
Moderators: Samir B. Pancholy, Stephen R. Ramee
Discussants: Bruce Bowers, Mina Madan, Nish Patel, Rahul Sahuja, 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

10:37 AM  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: Lorenzo Azzalini

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

11:13 AM  Discussion
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

11:49 AM Discussion

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

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

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

MODERATED POSTER SESSION: PCI IN THE ELDERLY II

MODERATED POSTER SESSION: TRANSCATHETER TREATMENT OF MV AND TV DISEASE II
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
Accrediation: CME,MOC

11:30 AM - 12:30 PM
Vulnerable Plaques and Vulnerable Patients II
Moderators: Renu Virmani, Robert L. Wilensky
Discussants: Farouc A Jaffer, Takashi Kubo

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
Lecturers: Hoa Bui

11:49 AM
Discussion

11:54 AM
TCT 858: Residual Inflammatory Status in Patients With Stable Coronary Artery Disease Undergoing Percutaneous Coronary Intervention
Lecturers: Deborah Kalkman

12:01 PM
Discussion

12:06 PM
TCT 859: Circulating TNFSF14 Predicts Clinical Outcome in Patients With Coronary Artery Disease Underwent Percutaneous Coronary Intervention
Lecturers: Chien-Yi Hsu

12:13 PM
Discussion

HEMODYNAMIC PAVILION

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
Interactive Training Faculty: A. Reshad Garan

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

EVENING PROGRAMS

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 - 8:00 PM
Pacific Ballroom 14-17, Level One

6:00 PM - 6:30 PM
Check-In & Reception

6:30 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: Ajay J. Kirtane

EVENING PROGRAM: NEXT GENERATION DES TECHNOLOGY: THE FUTURE IS HERE! (SPONSORED BY CRF, SUPPORTED BY ABBOTT, BOSTON SCIENTIFIC CORPORATION, MEDTRONIC, AND ORBUSNEICH)

MONDAY, SEPTEMBER 24, 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
Next Generation DES Technology: The Future is Here!
Co Chairs: Alexandre Abizaid, George D. Dangas, Roxana Mehran
Faculty: Ori Ben-Yehuda, Ajay J. Kirtane, Perwaiz M. Meraj, Matthew J. Price, Patrick W. Serruys, Pieter R. Stella, Philip M. Urban

8:00 PM
Adjourn
### TRAINING: HEMODYNAMIC SUPPORT AND PATIENT MANAGEMENT PAVILION #11 - EXTRACORPOREAL LIFE SUPPORT (ECLS)

**Monday, September 24, 2018**

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<tr>
<th>Time</th>
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<tr>
<td>10:00 AM</td>
<td>Extracorporeal Life Support (ECLS)</td>
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<tr>
<td>10:00 AM</td>
<td><strong>Extracorporeal Life Support ECLS: Overview</strong></td>
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<td>Interactive Training Faculty: A. Reshad Garan</td>
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### TRAINING: HEMODYNAMIC SUPPORT AND PATIENT MANAGEMENT PAVILION #12 - EXTRACORPOREAL LIFE SUPPORT (ECLS)

**Monday, September 24, 2018**

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<th>Time</th>
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<tr>
<td>2:00 PM</td>
<td>Extracorporeal Life Support (ECLS)</td>
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<tr>
<td>2:00 PM</td>
<td><strong>Extracorporeal Life Support ECLS: Overview</strong></td>
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<td>Interactive Training Faculty: Maximilian Halbe</td>
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### ABBOTT PAVILION

#### TRAINING: ABBOTT PAVILION #11 - GUIDEWIRE DESIGN AND SELECTION: A HANDS-ON USER’S GUIDE TO GUIDE WIRE TECHNOLOGY

**Monday, September 24, 2018**

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<tr>
<th>Time</th>
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<tr>
<td>8:00 AM</td>
<td>Guidewire Design and Selection: A Hands-on User’s Guide to GW Technology</td>
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<td>Interactive Training Faculty: David Daniels, Jack Hall, Ethan C Kornsold, William Nicholson</td>
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<tr>
<td>8:00 AM</td>
<td><strong>Introduction</strong></td>
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<td>8:05 AM</td>
<td>Didactic on Guidewire Building Blocks and WH wires</td>
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<td>8:15 AM</td>
<td>Hands on Workhorse Wires Activity</td>
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<td>8:30 AM</td>
<td>Polymer Jacketed Wires Overview and Hands on Activity</td>
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<td>8:50 AM</td>
<td>Extra Support Specialty wires Overview and Hands on Activity</td>
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<tr>
<td>9:10 AM</td>
<td>Wiggle wire Overview and Hands on Activity</td>
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### LBCT DISCUSSIONS

#### DISCUSSIONS WITH THE LATE BREAKING TRIAL PRINCIPAL INVESTIGATORS III

**Monday, September 24, 2018**

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<th>Time</th>
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<tbody>
<tr>
<td>4:00 PM</td>
<td><strong>Ultimate: Summary and Clinical Implications</strong></td>
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<td>Lecturers: Junjie Zhang</td>
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<td>4:05 PM</td>
<td><strong>Discussion</strong></td>
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<td>Discussants: Junjie Zhang</td>
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<tr>
<td>4:15 PM</td>
<td><strong>LRP: Summary and Clinical Implications</strong></td>
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<td>Lecturers: Ron Waksman</td>
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<td>4:20 PM</td>
<td><strong>Discussion</strong></td>
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<td>Discussants: Ron Waksman</td>
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<tr>
<td>4:30 PM</td>
<td><strong>OAC Alone: Summary and Clinical Implications</strong></td>
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<td>Lecturers: Yukiko Nakano</td>
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<td>4:35 PM</td>
<td><strong>Discussion</strong></td>
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<td>Discussants: Yukiko Nakano</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**

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<tr>
<td>10:00 AM</td>
<td><strong>Now That I See It, I Know How to Treat It! - A Hands-on Skills Lab</strong></td>
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<td>Interactive Training Faculty: Hiram G. Bezerra, Jonathan M. Hill, Gabriel Tenso Rodrigues Pereira, Armando Vergara-Martel</td>
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<tr>
<td>10:00 AM</td>
<td><strong>OCT: Now that I see it.</strong> Presentation</td>
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### TRAINING: ABBOTT PAVILION #13- MITRACLIP NTR & XTR: DEVICE & PROCEDURAL TECHNIQUES

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**TRANSCATHETER CARDIOVASCULAR THERAPEUTICS | MONDAY, SEPTEMBER 24, 2018**

_Last Updated 09/25/2018 Page: 173_
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: Bassem Chehab, Paolo Denti, George Gellert, James B. Hermiller Jr, Scott Lim, Paul D. Mahoney, Moody M Makar, Michael J. Rinaldi, David G. Rizik

12:00 PM
Introduction
12:05 PM
Didactic
12:25 PM
Hands on Session

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

2:00 PM - 3:30 PM
Save That Side Branch! Preserving Side Branch Access: A Hands-on Practical Skills Lab
Interactive Training Faculty: 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

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, Patrick A. Colvert, 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

BOSTON SCIENTIFIC PAVILION

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
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
8:26 AM HD IVUS in complex cases

TRAINING: BOSTON SCIENTIFIC PAVILION #12 - ROTA PRO PLAQUE MODIFICATION/VESSEL PREP

MONDAY, SEPTEMBER 24, 2018
10:00 AM - 11:30 AM
BOSTON SCIENTIFIC PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

10:00 AM - 11:30 AM
Rota Pro Plaque Modification/Vessel Prep
Interactive Training Faculty: Emmanouil S. Brilakis, William L. Lombardi, Robert F. Riley, Daniel H. Steinberg

10:00 AM
Welcome Remarks
10:05 AM Didactic Presentation: ROTAPRO Rotational Atherectomy System 25 years of proven clinical safety and efficacy
10:35 AM Hands On Rotations X5 ROTAPRO Wet Heart Models Consoles

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
Welcome Remarks

Didactic Presentation: ROTAPRO Rotational Atherectomy System
25 years of proven clinical safety and efficacy

Hands On Rotations X5 ROTAPRO Wet Heart Models Consoles

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

2:00 PM - 3:30 PM
Rota Pro Plaque Modification/Vessel Prep
Interactive Training Faculty: Tony J. DeMartini, James M. McCabe, Daniel H. Steinberg

2:00 PM Welcome Remarks
2:05 PM Didactic Presentation: ROTAPRO Rotational Atherectomy System
25 years of proven clinical safety and efficacy
2:35 PM Hands On Rotations X5 ROTAPRO Wet Heart Models Consoles

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

4:00 PM Welcome Remarks
4:05 PM Didactic Presentation: ROTAPRO Rotational Atherectomy System
25 years of proven clinical safety and efficacy
4:35 PM Hands On Rotations X5 ROTAPRO Wet Heart Models Consoles

Medtronic Pavilion

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, David Hillick-Smith, Azeem Latib

10:00 AM Introduction
10:05 AM Bifurcations a Complex Lesion Subset
10:30 AM Bifurcation Treatment Techniques
11:00 AM The Left Main
11:15 AM Case Discussions QA

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, Basel Ramlawi

12:00 PM Introduction
12:05 PM Anatomy Overview using Various Imaging Modalities for Structural Heart Procedures

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

2:00 PM - 3:30 PM
Coronary: Do Size and Shape Matter? How to Choose the Right Diagnostic and Guide Catheters?
Interactive Training Faculty: Mitchell W. Krucoff

2:00 PM Introduction
2:05 PM Case Based Learning
2:45 PM QA and Simulator Hands on

Chip Pavilion

Training: Chip - Advanced PCI Techniques Pavilion #9 - Learn Optimal Step-by-Step Techniques for Bifurcations: Provisional, Tap, and DK Crush Techniques
8:00 AM - 9:30 AM
CHIP PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

8:00 AM - 9:30 AM
CHIP - Advanced PCI Techniques Pavilion # 9 - Learn Optimal Step-by-step Techniques for Bifurcations
Interactive Training Faculty: Francesco Burzotta, Kevin J. Croce, George D. Dangas, Kefei Dou, Jens Flensted Lassen, Eric Lindley, Paolo Urena

8:00 AM - 8:45 AM
Rapid Fire Case Presentations

8:00 AM
Bifurcation Techniques Videos VisibleHeart
Interactive Training Faculty: Francesco Burzotta

8:20 AM
1 vs 2 Stents: Plaque Distribution and Role of Imaging
Interactive Training Faculty: Kefei Dou

8:33 AM
When to Send to Surgery How to Build a Complex LMCABifurcation PCI Practice
Interactive Training Faculty: Andrew Sharp

8:45 AM - 9:30 AM
Hands-on Rotations Between Cordis, Medtronic, And Abbott

8:45 AM
Medtronic Featured Devices Radial Stent Models Simulator VH Footage to Loop and Onyx
Interactive Training Faculty: Francesco Burzotta, Jens Flensted Lassen, Paolo Urena

10:00 AM - 11:30 AM
CHIP - Advanced PCI Techniques Pavilion #10 - Learn Optimal Step-by-step Techniques for Bifurcations: Provisional, TAP, and DK Crush Techniques
Interactive Training Faculty: Kevin J. Croce, Kefei Dou, Fausto Feres, Jens Flensted Lassen, Eric Lindley, Michael J. Rinaldi, Kintur Sanghvi

10:00 AM - 10:45 AM
Rapid Fire Case Presentations

10:00 AM
Optimal Approaches to Bifurcations with step by step
Interactive Training Faculty: Kevin J. Croce

10:20 AM
1 vs 2 Stents: Plaque Distribution and Role of Imaging
Interactive Training Faculty: Kefei Dou

10:33 AM
When to Send to Surgery How to Build a Complex LMCABifurcation PCI Practice

10:45 AM - 11:30 AM
Hands-on Rotations Between Cordis, Medtronic, and Abbott OCT

10:45 AM
Medtronic Featured Devices Radial Stent Models Simulator VH Footage to Loop and Onyx
Interactive Training Faculty: Fausto Feres, Jens Flensted Lassen, Paolo Urena

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

2:00 PM - 3:30 PM
CHIP - Advanced PCI Techniques Pavilion #11 - CTO Skills 101: How to Approach These Lesion
Interactive Training Faculty: J. Aaron Grantham, Mitul Patel, Ashish Pershad, Catalin Toma, Jennifer A. Tremmel

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
Interactive Training Faculty: William L. Lombardi, William Nicholson, Ashish Pershad

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 - 5:30 PM
CHIP - Advanced PCI Techniques Pavilion #12 - CTO Skills 101: How to Approach These Lesion
Interactive Training Faculty: Nidal Abi Rafeh, George D. Dangas, J. Aaron Grantham, Farouc A Jaffer, Jaikrishan Khatri, Mitul Patel, Luca Testa, Catalin Toma

4:00 PM - 4:45 PM
Rapid Fire Case Presentations

4:45 PM - 5:30 PM
Hands-on Rotations Between Abbott CTO, Asahi CTO, Boston Scientific CTO
ENDOVASCULAR PAVILION

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: Riyaz Bashir, Teresa L. Carman, Raghu Kolluri, Sanjiv Lakhanpal, Robert A. Lookstein, Rahul S. Patel, Sanjum S Sethi

8:00 AM
Introduction: Need for Invasive Treatment of Deep Vein Intervention PE and Venous Compression
Interactive Training Faculty: Robert A. Lookstein, Rahul S. Patel

8:10 AM
Rotation 1: DVT Featuring Boston Scientific
Interactive Training Faculty: Robert A. Lookstein, Rahul S. Patel

8:35 AM
Rotation 2: PE
Interactive Training Faculty: Riyaz Bashir, Teresa L. Carman, Sanjum S Sethi

9:00 AM
Rotation 3: Venous Compression Featuring Philips
Interactive Training Faculty: Raghu Kolluri, Sanjiv Lakhanpal

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: Jay S. Giri, Sanjiv Lakhanpal, S. Jay Mathews, Sanjum S Sethi, Akhilesh K. Sista

10:00 AM
Introduction: Need for Invasive Treatment of Deep Vein Intervention PE and Venous Compression
Interactive Training Faculty: Sanjum S Sethi, Akhilesh K. Sista

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

11:00 AM
Rotation 3: Venous Compression Featuring Philips
Interactive Training Faculty: S. Jay Mathews, Mitchell Weinberg

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

IMAGING PAVILION

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

8:00 AM - 9:30 AM
Coronary CT: Diagnosis, Planning, and Interventional Guidance
Interactive Training Faculty: João L Cavalcante, Farouc A Jaffer, Hasan Jilaihawi, Michael C. C. Kim

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, Kendrick A Shunk
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

2:00 PM - 3:30 PM
CT Analysis for TAVR Procedures: Planning and Interventional Guidance
Interactive Training Faculty: João L Cavalcante, Chad Kliger, Jonathan A. Leipsic, Michael J. Reardon, Rahul Sharma, Dee Dee Wang

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

4:00 PM - 5:30 PM
CT Analysis for TAVR Procedures: Planning and Interventional Guidance
Interactive Training Faculty: João L Cavalcante, Chad Kliger, Michael J. Reardon, Rahul Sharma, Dee Dee Wang

TAVR PAVILION

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

8:00 AM - 9:30 AM
Improving TAVR Safety & Ambulation with the Tempo® Temporary Pacing Lead
Interactive Training Faculty: Stanley J. Chetcuti, George S. Hanzel, Nikolaos Kokouros, Amar Krishnaswamy, John C. Messenger, Sanjeevan Pasupati, Carlos E Sanchez, Mark W.I. Webster, Brian K. Whisenant, Steven J. Yakubov

TRAINING: TAVR PAVILION #10 - IMPROVING TAVR SAFETY & AMBULATION WITH THE TEMPO® TEMPORARY PACING LEAD

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

2:00 PM - 3:30 PM
Innovations in TAVR: LOTUS Edge, ACURATE neo2, and Sentinel Cerebral Protection System
Interactive Training Faculty: Alexandre Abizaid, Vijay Iyer, Saib Khogali

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

4:00 PM - 5:30 PM
Innovations in TAVR: LOTUS Edge, ACURATE neo2, and Sentinel Cerebral Protection System
Interactive Training Faculty: Alexandre Abizaid, Vijay Iyer
TUESDAY, SEPTEMBER 25, 2018

BREAKFAST PROGRAMS

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 - 7:00 AM
Check-in & Breakfast

7:00 AM - 8:00 AM
Guidewire Design and Selection: A User’s Guide
Co Chairs: Emmanouil S. Brilakis, George D. Dangas, Ajay J. Kirtane
Faculty: Antonio Colombo, Paul Knaapen

7:00 AM Welcome and Introductions
Lecturers: Ajay J. Kirtane

7:02 AM Matching Guidewire Design to Function: 2018 Updates
Lecturers: George D. Dangas

7:12 AM Applied Use of Coronary Guidewires: Basic Principles for Wire Manipulation
Lecturers: Emmanouil S. Brilakis

7:24 AM Using All Tools at Your Disposal for Wiring and Troubleshooting: Case Examples
Lecturers: Antonio Colombo

7:36 AM CTO Wires: Antegrade and Retrograde Case Examples
Lecturers: Paul Knaapen

7:48 AM Audience QA and Discussion

8:00 AM Adjourn

MAIN ARENA

MAIN ARENA IV, TUESDAY, SEPT 25

TUESDAY, SEPTEMBER 25, 2018
8:00 AM - 1:00 PM
Main Arena, Hall F, Ground Level
Accrediation: CME,CNE,MOC,ASRT

8:00 AM - 9:00 AM
My Best Complications (Ones That Worked Out)
Moderators: Howard C. Herrmann, Gregg W. Stone
Discussants: Hadi Abu-Hantash, Vikas Aggarwal, Gary Gershony, Stefan Harb, Reginald I. Low, Francesco Maisano, Christoph A. Nienaber, Curtiss T. Stinis, Bernhard Witzenbichler

8:00 AM Massive Perforation After Coronary Atherectomy
Case Presenter: George D. Dangas

8:12 AM Right Heart Catheterization is Not Always Benign
Case Presenter: Giuseppe Tarantini

8:24 AM Severe Aortic Dissection
Case Presenter: D. Christopher Metzger

8:36 AM Subclavian Artery Rupture and Avulsion
Case Presenter: Oscar A. Mendiz

8:48 AM Chordal Rupture During Hemodynamic Support
Case Presenter: Mark Reisman

9:00 AM - 10:00 AM
TCT Awards: Best Abstract, Best Challenging Case, Most Fascinating Lecture
Award Presenters: Alexandre Abizaid, Gary S. Mintz, Patrick W. Serruys, Gregg W. Stone