

Medical Education

CoreValve[®] Evolut[®] R TAVR

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TAVR: A Multi-disciplinary, Multi-Modality Heart Team Approach September 9-10, 2016 Friday/Saturday Intercontinental Hotel, NYC

Arrivals 6:30pm	September 8, 2016 Arrivals at Leisure		
General Session 7:15am 8:00am	September 9, 2016 Breakfast Welcome & The Day's Plan	<i>Katherine Vo, Program Manager</i>	Gotham Park Ballroom
8:20am	History of TAVR TAVR Evolution	<i>Jason Kovacic MD/Joao Cavalcante MD Melanie Bulthuis, Director</i>	Gotham Park Ballroom
8:55am	Transit Time to Breakout sessions		

Breakout Sessions

Time	Echo Session - Gotham Park Ballroom	Time	CT Session - Washington Square Park
9:00am	Echo Pre-Procedure <i>Physician Faculty:</i> <i>Kosta Koulogiannis MD, Jon Passeri MD, Robert Burke MD</i> Echo Background: Aortic Stenosis <ul style="list-style-type: none"> • High Flow-High Gradient AS • Low Flow-Low Gradient AS TEE Baseline Assessment & Measurements <ul style="list-style-type: none"> • Co-morbid Conditions • Common Errors • 3D Sizing TTE Baseline Assessment & Measurements <ul style="list-style-type: none"> • Co-morbid Conditions • Common Errors • 3D Sizing 	9:00am	CT Acquisition <i>Physician Faculty: Joao Cavalcante MD</i> <ul style="list-style-type: none"> • Basic Acquisition • Artifact, Gating Issues • Low GFR and Dye usage CT From the Implanter's Perspective <i>Physician Faculty: George Chrysant MD</i> <ul style="list-style-type: none"> • Evolution • Valve selection, access and precaution Interactive Workstation <i>Workstation Faculty: Joao Cavalcante MD</i> <i>Faculty: George Chrysant MD, Jason Kovacic MD</i> Case 1&2
10:30am	Break		
10:45am	Echo Intra-Procedure <i>Jon Passeri MD/Kosta Koulogiannis MD/Mo Saric MD</i> TEE/3D AV Evaluation <ul style="list-style-type: none"> • Pre-deployment evaluation • Device Placement TTE/Conscious Sedation <ul style="list-style-type: none"> • Pre-deployment evaluation • Device Placement pre-deployment 	10:45am	Workstation Case 3-5
12:00pm	Lunch - Gotham Park Ballroom		
12:45	Post-Deployment <i>Jon Passeri, MD/Kosta Koulogiannis, MD</i> TEE Evaluation <ul style="list-style-type: none"> • Post-deployment PVL evaluation • Flow Reversal Assessment • Deep gastric view for TAVR device assessment • Post-BAV Assessment • Annular & PVL Assessment 	12:45	Workstation: Case 6-9

2:30	Break	
2:45	Post Deployment <i>Mo Saric MD</i> TTE Evaluation <ul style="list-style-type: none"> • Post-deployment PVL evaluation • Flow Reversal Assessment • Post-BAV Assessment • Annular Assessment • PVL Assessment Challenging Scenarios <i>Echo Faculty</i>	2:45 Workstation Case 10-25
4:15	Break	

4:30-6:00

Anesthesia & Imaging Challenging Case Presentations

Low Coronary Height
BAV/Emergent TAVR-TEE Measurement
Pericardial Tamponade & Conscious Sedation
BAV/Emergent TAVR
Low Coronary Height Case

Gotham Park Ballroom

Jason Kovacic MD
Robert Burke MD
Peter Neuburger MD
Kosta Koulogiannis MD
George Chrysant MD

6:00-7:30pm

Reception with Light Appetizers

Gotham Park Ballroom/Foyer

Day 2
7:15am
8:00am

September 10, 2016
Breakfast
Welcome

Time	Anesthesia-General Session Central Park Room <i>Physician Faculty:</i> <i>Peter Neuburger MD/Ed Avery MD</i> <i>Hiram Bezerra MD</i>	CT Session Washington Square Park <i>Physician Faculty:</i> <i>Tino Peña MD/Joao Cavalcante MD</i> <i>Medtronic Faculty:</i> <i>Aaron Mindrup/Nancy Carlile</i>	Echo Session Gotham Park Ballroom <i>Physician Faculty:</i> <i>Jon Passeri MD/Robert Burke MD</i> <i>Kosta Koulogiannis MD</i> <i>Medtronic Faculty:</i> <i>Andee Amaya/Jamie Currier</i>
8:20am	<u>Role of Anesthesia in TAVR</u> How Did We Get Here? Pre-Procedure <ul style="list-style-type: none"> • Risk Stratification & Screening • Contraindication & Relative Contraindications to MAC vs. GA • Pre-operative Workup • Regional/Local Anesthesia • Pre-Operative Assessment & Interview • Patient Education Intra-Procedure <ul style="list-style-type: none"> • Disaster Preparedness • Tips & Tricks • Imaging Modality Options and Trade-offs ▪ Anesthesia Considerations 	<u>Acquisition Deep Dive</u> Vendor Range of CT Technology and how that Relates to Protocols <u>General Introduction</u> <u>AS Pathology & TAVR</u> <u>Technical Aspects</u> <ul style="list-style-type: none"> • Patient Positioning • IV side • Breath Holds • Injector & Machine Programming 	<u>Technical Aspects</u> Pre-Procedure Views Intra-op & Conscious Sedation Views Post-Measurements Views * Checklist for the Views (Standardized) Gradient Assessment
10:00am	Break		
10:15am	Intra-Procedure <ul style="list-style-type: none"> • Airway Support Devices • Extubation Timing • Pacemaker Management Protocols • Anxiety, Claustrophobia, and Deeper Sedation Anesthesia Case Studies <ul style="list-style-type: none"> • Pulmonary Cripple • High Anxiety • Bleeding Complications • Restless leg syndrome 	<u>Beyond the Technical Aspects</u> <ul style="list-style-type: none"> • Mock Patient Summaries • Role Importance • CT & TEE • Data Collection 	<u>Beyond the Technical Aspects</u> <ul style="list-style-type: none"> • PVL Assessments • Sweeping Techniques • EOA Measurements • Role Importance • Data Collection

11:30am

Lunch

Gotham Park Ballroom

12:15am

Heart Team Hot Topics & Cases
Multi-Disciplinary Faculty

- Coronary Evaluation & Treatment Timing
- Low Flow Low Gradient-Preserved EF: Case Study
- Low Flow Low Gradient-Low EF: Case Study
- Concomitant Valvular Disease: Case Study
- RN Conscious Sedation vs. MAC vs. GA/TEE vs. TTE
- TAVR and Conduction Disturbances
- Heart Team Approach to Recovery

Moderator: George Chrysant MD
Presenter: Joao Cavalcante MD
Presenter: Robert Burke MD
Presenter: Joao Cavalcante MD
Moderator: Peter Neuburger MD
Presenter: Jon Passeri MD
Presenter: Mike Querijero MSPA-C

2:30pm

Closing Comments & Adjourn

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Echo Faculty (in alphabetical order)

Bob Burke, MD, HonorHealth
Konstantinos 'Kosta' Koulogiannis, MD, Morristown Medical Center
Jonathan Passeri, MD, Massachusetts General Hospital
Muhamed Saric, MD, New York University

Cardiac Imaging Faculty (in alphabetical order)

Hiram Bezerra, MD,* University Hospital of Cleveland, OH
Joao Cavalcante, MD, University of Pittsburgh Medical Center
George Chrysant, MD,* Integris Heart, Oklahoma City, OK
Jason Kovacic, MD,* Mount Sinai, NYC, NY
Constantino Peña, MD, Baptist Cardiac & Vascular Institute, Miami, FL

*Denotes Dual-Board Certified: Cardiac Imaging/Interventional Cardiology

Anesthesia Faculty

Ed Avery, MD, University Hospital of Cleveland, OH
Peter Neuburger, MD, New York University, NYC, NY

CT Surgery Faculty

Allan Stewart, MD, Mount Sinai, NYC, NY

Valve Program Manager Faculty

Michael Querijero, MSPA-C, New York University, NYC, NY

Medtronic Faculty

Aaron Mindrup, Sr. Therapy Development Specialist
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Jamie Currier, Sr. Analyst
Andee Amaya, Sr. Therapy Development Specialist
Mary McCarron, Sr. Physician Education Specialist
Julie Kinkaid, Sr. Physician Education Specialist
Melanie Bulthuis, Medical Education Director
Katherine Vo, Program Manager-Heart Valve Therapies