

CVI's 3rd Annual Cardiology Fellows Program

Friday, February 22, 2019 • Loews Philadelphia Hotel

Fundamentals of Interventional Cardiovascular Medicine

AGENDA

| | | |
|---|-----------------------------|---------------|
| Reception | | 5:30pm-6:00pm |
| Welcome/Overview | <i>Daniel McCormick, DO</i> | 6:00pm-6:10pm |
| <u>OPTIMAL CORONARY ANGIOGRAPHY</u> <ul style="list-style-type: none">• Best Views• Contrast Agents• Radiation Safety | <i>John Hirshfeld, MD</i> | 6:10pm-6:40pm |
| <u>HEMODYNAMIC EVALUATION of VALVULAR HEART DISEASE</u> <ul style="list-style-type: none">• Echo vs Cath Evaluation• Low Flow Low Gradient Aortic Stenosis• Hemodynamics of Mitral Valve Regurgitation – Timing of Intervention | <i>Blase Carabello, MD</i> | 6:40pm-7:10pm |
| <u>VASCULAR ACCESS AND CLOSURE</u> <ul style="list-style-type: none">• Radial/Femoral Access• Dealing with Large Holes• Closure Devices• Complications | <i>Brian O'Neill, MD</i> | 7:10pm-7:40pm |
| <u>FUNDAMENTALS OF CORONARY INTERVENTION</u> <ul style="list-style-type: none">• Guiding Catheters• Guidewires• Lesion preparation• Balloon & Stent Technology | <i>Muhammad Raza, MD</i> | 7:40pm-8:10pm |
| Discussion Q & A Closing | <i>William Gray, MD</i> | 8:10pm-8:45pm |
| Reception | | 8:45pm-9:15pm |

CVI's 3rd Annual Cardiology Fellows Program

Saturday, February 23, 2019 • Loews Philadelphia Hotel

Core Concepts In

Coronary, Structural and Peripheral Vascular Disease

AGENDA

| | | |
|--|---|-----------------|
| Registration and Breakfast | | 7:00am-7:30am |
| Welcome/Overview | Sheldon Goldberg, MD | 7:30am-7:40am |
| Coronary Artery Disease | D. Lynn Morris, MD Moderator | |
| <u>The Spectrum of STEMI</u> <ul style="list-style-type: none">• Large Thrombus Burden - Case• Multi Vessel Disease - Case• Vein Graft Occlusion - Case• Bifurcation - Case• Cardiogenic Shock – Case• Presentation | <i>Cardiology Fellow</i> Ellen Keeley, MD <u>Panelists</u> Jay Giri, MD Sheldon Goldberg, MD Bryan Kluck, DO | 7:40am-9:10am |
| <u>Physiologic Evaluation and Imaging</u> Case Presentation <ul style="list-style-type: none">• FFR/IFR• IVUS/OCT• NIRS | <i>Cardiology Fellow</i> Ziad Ali, MD <u>Panelists</u> Brian O'Neill, MD Antonis Pratsos, MD Eron Sturm, MD | 9:10am-9:55am |
| BREAK | | 9:55am-10:20am |
| <u>Complex Coronary Intervention</u> Case Presentation <ul style="list-style-type: none">• Vessel Prep - Atherectomy and Laser• Bifurcation Lesions * Case Presentation <ul style="list-style-type: none">• Left Main Disease• PCI vs CABG• Supported PCI | <i>Cardiology Fellow</i> Michael Savage, MD <i>Cardiology Fellow</i> Angela Taylor, MD <u>Panelists</u> Jay Giri, MD D. Lynn Morris, MD Daniel McCormick, DO | 10:20am-11:05am |
| <u>Coronary Complications</u> Case Presentation <ul style="list-style-type: none">• Lost Stents & Wires• Coronary Perforation• Air Embolization• No Reflow | <i>Cardiology Fellow</i> Habib Samady, MD <u>Panelists</u> Richard Kovach, MD Eron Sturm, MD Antonis Pratsos, MD | 11:05am-11:50am |

| | | |
|--|---|------------------------|
| LUNCH | | 11:50am-12:40pm |
| Developing a successful career in cardiovascular medicine: Preventing burnout–staying in the zone | <i>James Goldstein, MD</i> | 12:05pm-12:40pm |
| <u>Structural Heart Disease</u> | <i>Muhammad Raza, MD</i> Moderator | |
| <p><u>Stroke Prevention for the Cardiologist</u> <u>Patent Foramen Ovale/Atrial Septal Defects</u> Case Presentation</p> <ul style="list-style-type: none"> • Patient Selection • Technical Considerations • Follow Up <p>*</p> <p><i>Left Atrial Appendage Exclusion</i> Case Presentation</p> <ul style="list-style-type: none"> • Patient Selection • Technical Considerations • Follow Up | <i>Cardiology Fellow</i> <i>Bryan Kluck, DO</i> <i>Cardiology Fellow</i> <i>David Holmes</i> Panelists <i>William Gray, MD</i> <i>Nicholas Ruggiero, MD</i> <i>Paul Hermany, MD</i> | 12:40pm-1:40pm |
| <p><u>Aortic/Mitral Valvular Disease</u> <u>Aortic Valve</u> Case Presentation</p> <ul style="list-style-type: none"> • TAVR Work-Up • TAVR vs SAVR • Technical Considerations • Managing Co-existent CAD <p>*</p> <p><i>Mitral Valve</i> Case Presentation</p> <ul style="list-style-type: none"> • Spectrum of Mitral Regurgitation • Therapies for Structural Functional Mitral Regurgitation | <i>Cardiology Fellow</i> <i>Jay Giri, MD</i> <i>Cardiology Fellow</i> <i>William Gray, MD</i> Panelists <i>Janah Aji, MD</i> <i>Paul Fiorilli, MD</i> <i>Pranav Kansara, MD</i> | 1:40pm-2:40pm |
| <p><u>Basics of Ilio-Femoral Disease</u> Case Presentation</p> <ul style="list-style-type: none"> • Non-Invasive Assessment • Optimal Imaging • Atherectomy, Stents & Drug Coated Balloons | <i>Cardiology Fellow</i> <i>Daniel McCormick, DO</i> Panelists <i>Richard Kovach, MD</i> <i>Sean Janzer, MD</i> <i>Sarang Mangalmurti, MD</i> | 2:40pm-3:10pm |
| Review/Wrap Up | <i>D. Lynn Morris, MD</i> | 3:10pm-3:15pm |

| | | |
|---|--|--|
| Poster Session | <i>Sheldon Goldberg, MD David Holmes, MD Bryan Kluck, DO Richard Kovach, MD Judges</i> | 3:15pm-4:00pm |
| <u>Interactive Education/Simulation Sessions</u> <ul style="list-style-type: none"> • Transseptal Technique • Left Ventricular Support • Left Atrial Appendage Exclusion • Mitral Valve • Aortic Valve • Complex Coronaries/Rotational Atherectomy • Patent Foramen Ovale / Atrial Septal Defects • Vascular Access & Closure • ICE • OCT/IVUS • Orbital Atherectomy • Radial Access • Bifurcation Stenting | <i>William Gray, MD Brian O'Neill, MD Eric Gnall, DO D. Lynn Morris, MD Richard Kovach, MD David Holmes, MD Janah Aji, MD Paul Fiorilli, MD Jay Giri, MD Muhammad Raza, MD Sheldon Goldberg, MD Michael Savage, MD Bryan Kluck, DO Daniel McCormick, DO Marwan Badri, MD Eron Sturm, MD</i> | 4:00pm-6:15pm <i>2 Faculty Mentors per station</i> <i>Video Monitors at each station</i> <i>Factoid mini-presentations at each station</i> |
| Reception | | 6:15pm-8:00pm |

CVI's 3rd Annual Cardiology Fellows Program Sunday, February 24, 2019 • Loews Philadelphia Hotel *Advanced Topics in Intervention*
Cardiogenic Shock, Ventricular Support and Complications
AGENDA

| | | |
|---|-----------------------------|------------------------|
| Breakfast | | 7:30am-8:00am |
| Welcome and Overview | <i>D. Lynn Morris, MD</i> | 7:45am-7:50am |
| Door to Unloading – Acute MI with Shock: Detroit Shock Initiative, National Shock Initiative | <i>James Goldstein, MD</i> | 7:50am-8:10am |
| Navigating the HARVI Ap | <i>Daniel Burkhoff, MD</i> | 8:10am-8:30am |
| Pressure-Volume Relations and Analysis of Preload, Afterload, Contractility, Diastole (Active and Passive Components) | <i>D. Lynn Morris, MD</i> | 8:30am-8:50am |
| Basics of Myocardial Metabolism (MVO₂-PVA) | <i>Daniel Burkhoff, MD</i> | 8:50am-9:10am |
| Coronary Blood Flow and Regulation of Myocardial Contractility | <i>Daniel Burkhoff, MD</i> | 9:10am-9:30am |
| BREAK | | 9:30am-9:40am |
| Device and Drug Based Approaches to Cardiogenic Shock | <i>Perwaiz Meraj, MD</i> | 9:40am-10:00am |
| High Risk PCI | <i>Perwaiz Meraj, MD</i> | 10:00am-10:20am |
| Cardiogenic Shock | <i>D. Lynn Morris, MD</i> | 10:20am-10:40am |
| Biventricular Failure | <i>D. Lynn Morris, MD</i> | 10:40am-11:00am |
| <u>Focus on Non Coronary Complications</u> | | 11:00am-12:00pm |
| <u>ASD/PFO Complications</u> <ul style="list-style-type: none"> • Air Embolization • Atrial Fibrillation • Device Embolization • Erosion | <i>Daniel McCormick, DO</i> | 11:00am-11:20am |
| <u>Valve Complications</u> <ul style="list-style-type: none"> • Embolization • Stroke • CAD After TAVR | <i>Muhammad Raza, MD</i> | 11:20am-11:40am |
| <u>Vascular Access Complications</u> <ul style="list-style-type: none"> • Pseudoaneurysm • Thrombosis • Dissections • Retroperitoneal Bleeds • AV Fistulae | <i>Eron Sturm, MD</i> | 11:40am-12:00pm |
| Review and Closing | <i>Sheldon Goldberg, MD</i> | 12:00pm-12:15pm |
| Farewell and Boxed Lunch to Go | | 12:15pm |