

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	
<p><u>The Spectrum of STEMI</u></p> <ul style="list-style-type: none"> • Large Thrombus Burden - Case • Multi Vessel Disease - Case • Vein Graft Occlusion - Case • Presentation 	<p>Cardiology Fellow Ellen Keeley, MD</p> <p><u>Panelists</u> Jay Giri, MD Sheldon Goldberg, MD Bryan Kluck, DO</p>	7:40am-9:10am
<p><u>Physiologic Evaluation and Imaging</u> Case Presentation</p> <ul style="list-style-type: none"> • FFR/IFR • IVUS/OCT • NIRS 	<p>Cardiology Fellow Ziad Ali, MD</p> <p><u>Panelists</u> Brian O'Neill, MD Antonis Pratsos, MD Eron Sturm, MD</p>	9:10am-9:55am
BREAK		9:55am-10:20am
<p><u>Complex Coronary Intervention</u> Case Presentation</p> <ul style="list-style-type: none"> • Vessel Prep - Atherectomy and Laser • Bifurcation Lesions <p style="text-align: center;">*</p> <p>Case Presentation</p> <ul style="list-style-type: none"> • Left Main Disease • PCI vs CABG • Supported PCI 	<p>Cardiology Fellow Michael Savage, MD</p> <p style="text-align: center;">*</p> <p>Cardiology Fellow Angela Taylor, MD</p> <p><u>Panelists</u> Jay Giri, MD D. Lynn Morris, MD Daniel McCormick, DO</p>	10:20am-11:05am
<p><u>Coronary Complications</u> Case Presentation</p> <ul style="list-style-type: none"> • Lost Stents & Wires • Coronary Perforation • Air Embolization • No Reflow 	<p>Cardiology Fellow Habib Samady, MD</p> <p><u>Panelists</u> Richard Kovach, MD Eron Sturm, MD Antonis Pratsos, MD</p>	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	
<u>Stroke Prevention for the Cardiologist</u> <i>Patent Foramen Ovale/Atrial Septal Defects</i> Case Presentation <ul style="list-style-type: none"> • Patient Selection • Technical Considerations • Follow Up <p style="text-align: center;">*</p> <i>Left Atrial Appendage Exclusion</i> Case Presentation <ul style="list-style-type: none"> • Patient Selection • Technical Considerations • Follow Up 	<i>Cardiology Fellow</i> <i>Bryan Kluck, DO</i> <p style="text-align: center;">*</p> <i>Cardiology Fellow</i> <i>David Holmes</i> <u>Panelists</u> <i>William Gray, MD</i> <i>Nicholas Ruggiero, MD</i> <i>Paul Hermany, MD</i>	12:40pm-1:40pm
<u>Aortic/Mitral Valvular Disease</u> <i>Aortic Valve</i> Case Presentation <ul style="list-style-type: none"> • TAVR Work-Up • TAVR vs SAVR • Technical Considerations • Managing Co-existent CAD <p style="text-align: center;">*</p> <i>Mitral Valve</i> Case Presentation <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> <p style="text-align: center;">*</p> <i>Cardiology Fellow</i> <i>William Gray, MD</i> <u>Panelists</u> <i>Janah Aji, MD</i> <i>Paul Fiorilli, MD</i> <i>Pranav Kansara, MD</i>	1:40pm-2:40pm
<u>Basics of Ilio-Femoral Disease</u> Case Presentation <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> <u>Panelists</u> <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

<p align="center">Poster Session</p>	<p align="center"><i>Sheldon Goldberg, MD David Holmes, MD Bryan Kluck, DO Richard Kovach, MD Judges</i></p>	<p align="center">3:15pm-4:00pm</p>
<p><u>Interactive Education/Simulation Sessions</u></p> <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 	<p align="center"><i>William Gray, MD Brian O'Neill, MD</i></p> <p align="center"><i>Eric Gnall, DO D. Lynn Morris, MD</i></p> <p align="center"><i>Richard Kovach, MD David Holmes, MD</i></p> <p align="center"><i>Janah Aji, MD Paul Fiorilli, MD</i></p> <p align="center"><i>Jay Giri, MD Muhammad Raza, MD</i></p> <p align="center"><i>Sheldon Goldberg, MD Michael Savage, MD</i></p> <p align="center"><i>Bryan Kluck, DO Daniel McCormick, DO</i></p> <p align="center"><i>Marwan Badri, MD Eron Sturm, MD</i></p>	<p align="center">4:00pm-6:15pm</p> <p align="center"><i>2 Faculty Mentors per station</i></p> <p align="center"><i>Video Monitors at each station</i></p> <p align="center"><i>Factoid mini- presentations at each station</i></p>
<p align="center">Reception</p>		<p align="center">6:15pm-8:00pm</p>

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
<p><u>ASD/PFO Complications</u></p> <ul style="list-style-type: none"> • Air Embolization • Atrial Fibrillation • Device Embolization • Erosion 	<i>Daniel McCormick, DO</i>	11:00am-11:20am
<p><u>Valve Complications</u></p> <ul style="list-style-type: none"> • Embolization • Stroke • CAD After TAVR 	<i>Muhammad Raza, MD</i>	11:20am-11:40am
<p><u>Vascular Access Complications</u></p> <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