

8th Annual

Advances in Cardiovascular Imaging and Interventions

Oct. 4 – Oct. 6, 2018

Detroit Marriott, Troy – Troy, Michigan

Educational sessions reviewing topics such as:

Right Heart Diseases

Advances in Structural Heart Disease

Advances in Cardiovascular Surgery

Advances in Cardiac Imaging

Multimodality Imaging

Novel Cardiovascular Technologies

Opening Reception and Keynote Dinner Presentation

WITH

Roberto M. Lang, M.D.

Professor of Medicine and Radiology
Past President of the American Society of
Echocardiography

Director Noninvasive Cardiac Imaging Laboratories
Section of Cardiology Department of Medicine
University of Chicago Medical Center
Chicago, IL

Thursday, Oct. 4

Course Director:

Amr E. Abbas, M.D., FACC, FSCAI, FSVM, FASE, RPVI

Director, Cardiology Research
Beaumont Hospital, Royal Oak
Professor, Oakland University William Beaumont (OUWB) School of Medicine

Beaumont



Target Audience

The conference will provide interventional, imaging, and clinical cardiologists, internists, technicians, radiology technicians, sonographers, physician assistants, cardiac nursing personnel, and cardiology fellows with a better understanding of the technical advances, clinical applications, appropriateness and limitations of cardiovascular CT, MRI and Echo imaging along with the diagnosis and planning of existing and novel interventional and surgical therapies.

CME Accreditation and Credit Designation

Beaumont Health is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Beaumont Health designates this live activity for a maximum of 12.0 *AMA PRA Category 1 Credit(s)*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Non-physician professionals should check with their individual credentialing bodies to confirm that participation in this CME activity will be approved for credit. CME credits can be used to meet the continuing education requirements needed for Michigan physician assistant and nursing relicensure without limitation.

Acknowledgement

This conference will be partially supported by educational grants and display fees from commercial supporters.

The 8th Annual Advances in Cardiovascular Imaging and Interventions conference is a comprehensive review of a wide myriad of cardiovascular diseases. This conference is a platform for imaging and interventional cardiologists who are involved in the care of patients with structural, ischemic and cardiomyopathy heart disease. Sessions presented by local and national experts will review novel applications and advances in 2D and 3D echo, CT and MRI, surgical and interventional therapies for patients with various heart pathologies. The conference will also focus on emerging technologies and how these technologies can be used to improve patient care in an ever changing health care world.



Objectives

As a result of attending this conference, participants should be able to:

- Discuss dilemmas in the diagnosis of valve disease
- Review updates on PFO and venous insufficiency
- Describe advances in structural heart disease
- Identify advances in cardiovascular surgery
- Discuss 3D and multimodality imaging

Hands-on Learning Sessions

Attendees will have the opportunity to gain hands-on training during three sessions. These sessions will combine presentations by a clinical or technical expert on a specific topic with a tutorial that leads you through procedures with a particular device, piece of equipment or workstation. Don't miss this session to sample new technology and interventions and review basic cardiac anatomy on heart specimens.



Opening Keynote Presentation, Reception and Dinner



Roberto M. Lang, M.D.

Professor of Medicine and Radiology
Past President of the American Society of Echocardiography
Director Noninvasive Cardiac Imaging Laboratories
Section of Cardiology Department of Medicine
University of Chicago Medical Center
Chicago, IL

Schedule of Events

Thursday, Oct. 4

6:30 p.m. – 9:00 p.m.	Keynote Speaker & Dinner Program	
6:30 p.m. – 7:00 p.m.	Reception	
7:00 p.m. – 8:00 p.m.	Dinner	
8:00 p.m. – 8:45 p.m.	Future of Cardiovascular Imaging	Roberto Lang, M.D.
8:45 p.m. – 9:00 p.m.	Q&A	

Friday, Oct. 5

7:15 a.m.	Registration/Continental Breakfast/Exhibits	
8:00 a.m. – 10:30 a.m.	Session 1: Advances In Cardiovascular Imaging and Intervention	Moderator: Amr E Abbas, M.D.
8:00 a.m. – 8:10 a.m.	Welcome & Introduction	Amr Abbas, M.D.
8:10 a.m. – 8:35 a.m.	Cardiology in the Next 5 Years	Steve Almany, M.D.
8:35 a.m. – 9:00 a.m.	3D Echocardiography of the Mitral Valve	Roberto Lang, M.D.
9:00 a.m. – 9:25 a.m.	TAVR for Moderate, Asymptomatic, Mixed AS/AR?	Philippe Pibarot, DVM, Ph.D
9:25 a.m. – 9:50 a.m.	Myocardial Contrast Echocardiography	Steve Lester, M.D.
9:50 a.m. – 10:15 a.m.	Update on PFO management	Amr E Abbas, M.D.
10:15 a.m. – 10:30 a.m.	Q&A	
10:30 a.m. – 11:00 a.m.	Break/Exhibits	
11:00 a.m. – 12:15 p.m.	Session 2: Hands-on Break out Session	
	Cardiac Anatomy and Dissection	Michael Ashbrook, M.D.
	Advances in Interventional Cardiology: How to?	Richard Bloomingdale, M.D.
	3D Echo Knobology for Sonographers	Elvis Cami, M.D.
12:15 p.m. – 1:15 p.m.	Lunch	
1:15 p.m. – 3:10 p.m.	Session 3: Cardiovascular I	Moderator: Steven Lester, M.D.
1:15 p.m. – 1:40 p.m.	Aortic Valve Calcium Score	Philippe Pibarot, DVM, Ph.D
1:40 p.m. – 2:05 p.m.	3D Assessment of the Right Heart Valves	Steve Lester, M.D.
2:05 p.m. – 2:30 p.m.	Paradigm Shift in the Noninvasive and Invasive Evaluation of CAD	Robert Safian, M.D.
2:30 p.m. – 2:55 p.m.	Beyond The Vulnerable Plaque	James Goldstein M.D.
2:55 p.m. – 3:10 p.m.	Q&A	
3:10 p.m. – 3:30 p.m.	Break/Exhibits	
3:30 p.m. – 5:30 p.m.	Session 4: Cardiovascular II	Moderator: George Hanzel, M.D.
3:30 p.m. – 3:55 p.m.	Multimodality Imaging for Endocarditis	Michael Gallagher, M.D.
3:55 p.m. – 4:20 p.m.	Myocardial Strain: Comeback or Bust?	Steve Lester, M.D.
4:20 p.m. – 4:45 p.m.	Venous Insufficiency, an Interventionalist's Approach	Amr Abbas, M.D.
4:45 p.m. – 5:10 p.m.	Percutaneous Tricuspid Valve Therapies	George Hanzel, M.D.
5:10 p.m. – 5:30 p.m.	Q&A	

Saturday, Oct. 6

7:15 a.m.	Registration/Continental Breakfast/Exhibits	
8:00 a.m. – 10:30 a.m.	Session 5: Potpourri I	Moderator: Steve Almany, M.D.
8:00 a.m. – 8:10 a.m.	Welcome & Introduction	Amr Abbas, M.D.
8:10 a.m. – 8:35 a.m.	Lawsuits in Cardiology: Cases and Strategy	Louis Cannon, M.D.
8:35 a.m. – 9:00 a.m.	Percutaneous Transcatheter Mitral Valve Replacement	Mayra Guerrero, M.D.
9:00 a.m. – 9:25 a.m.	Tricuspid Valve Surgery	Frank Shannon, M.D.
9:25 a.m. – 9:50 a.m.	CTO Management: Down the Yellow Brick Road	Maher Rabah, M.D.
9:50 a.m. – 10:15 a.m.	Q&A	
10:15 a.m. – 10:30 a.m.	Break/Exhibits	

Schedule of Events

Saturday, Oct. 6 (continued)

10:30 a.m. – 12:35 p.m.	Session 6: Potpourri II	Moderator: Steve Lester, M.D.
10:30 a.m. – 10:55 a.m.	Stress Echo in Valvular Heart Disease	Steve Lester, M.D.
10:55 a.m. – 11:20 a.m.	Cardiomyopathy Imaging	Luis Afonso, M.D.
11:20 a.m. – 11:45 a.m.	Fat vs. Fit: Fact Versus Fiction	Justin Tirvax, M.D.
11:45 a.m. – 12:10 p.m.	CMRi for The Right Heart	Michael Gallagher, M.D.
12:10 p.m. – 12:35 p.m.	Q&A and Closing	

Faculty

Course Director

Amr E. Abbas, M.D., FACC, FSCAI, FSVM, FASE, RPVI

Director, Cardiology Research
Beaumont Hospital, Royal Oak
Professor, Oakland University William Beaumont (OUWB)
School of Medicine

Guest Faculty

Luis Afonso, M.D.

Cardiologist
Detroit Medical Center
Detroit, MI

Louis Cannon, M.D.

Program Director
The Heart & Vascular Institute
McLaren Northern Michigan
Petoskey, MI

Maray Guerrero, M.D.

Senior Associate Consultant
Department of Cardiovascular Medicine
Mayo Clinic
Rochester, MN

Roberto M. Lang, M.D.

Professor of Medicine and Radiology
Past President of the American Society of Echocardiography
Director Noninvasive Cardiac Imaging Laboratories
Section of Cardiology Department of Medicine
University of Chicago Medical Center
Chicago, IL

Steven J. Lester, M.D.

Associate Professor of Medicine
Consultant Cardiovascular Diseases
Associate Chair of Medicine
Chair of Innovation and Entrepreneurship
Mayo Clinic
Scottsdale, AZ

Philippe Pibarot, DVM, Ph.D.

Professor, Department of Medicine
Laval University
Quebec, QC, Canada
Chair, Canada Research Chair in Valvular Heart Diseases

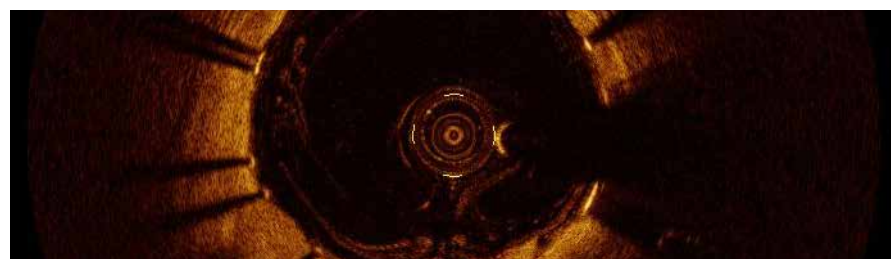
Course Co-Directors

Michael J. Gallagher, M.D.

Program Director, Clinical Cardiology
Fellowship Program
Beaumont Hospital, Royal Oak
Associate Professor of Medicine
OUWB School of Medicine

George S. Hanzel, M.D.

Director, Cardiac Catheterization Lab
Director, Structural Heart Disease
Beaumont Hospital, Royal Oak
Associate Professor of Medicine
OUWB School of Medicine



Beaumont Faculty

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Director, Cardiac Catheterization Lab
Beaumont Hospital, Troy
Associate Professor of Medicine
OUWB School of Medicine

Michael Ashbrook, M.D.

Chief Cardiology Fellow
Beaumont Hospital, Royal Oak

Richard Bloomingdale, M.D.

Cardiology Fellow
Beaumont Hospital, Royal Oak

Elvis Cami, M.D.

Attending Cardiology
Beaumont Hospital, Royal Oak

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Professor of Medicine
OUWB School of Medicine

Maher M. Rabah, D.O.

Director, Cardiac Catheterization Lab
Beaumont Hospital, Farmington
Professor of Medicine
OUWB School of Medicine

Robert D. Safian, M.D.

Director, CIRC Program
Program Director, Interventional Cardiology Fellowship
Professor of Medicine
Beaumont Hospital, Royal Oak
OUWB School of Medicine

Francis L. Shannon, M.D.

Director, Cardiovascular Research
and Quality Assurance
Beaumont Hospital, Royal Oak
Associate Professor of Surgery
OUWB School of Medicine

Justin E. Trivax, M.D.

Interventional Cardiologist
Assistant Professor of Medicine
OUWB School of Medicine

Disclosure

All planning committee members and speakers have been asked to disclose any relevant relationships they may have with commercial companies within the past 12 months that are relevant to their presentation. The presence or absence of relationships as well as off-label discussion of products will be disclosed at the time of the conference.

Conference Registration

Register Today!

Register online until October 3, 2018. After 10/3/2018, you may register on-site at the Beaumont Health registration desk located outside the ballroom of the Troy Marriott.

Fees	On/Before 9/28	After 9/28 and On-site
Attending physician	\$350	\$400
NP, PA-C	\$250	\$300
Nurses, Sonographers, Technicians	\$195	\$225
Resident, Students (Students Must Show College I.D.)	\$125	\$150
Opening Reception & Keynote Dinner ONLY (Thursday, October 4)	\$100	\$150
One-day Registration (Friday, October 5)	\$150	\$150
One-day Registration (Saturday, October 6)	\$100	\$100

Conference registration fees include access to presentations, all food and beverage events and CME credit.



In accordance with our efforts to be environmentally responsible, we are taking a "Go Green" approach to conference materials. We will not provide printed presentation materials. Instead, you may access presentations after the conference on our website via exclusive attendee-only access.

Cancellation Policy

By registering for the conference, you are indicating you have read and accept the following cancellation terms. To be valid, Beaumont Health must receive notification of your cancellation in writing. Cancellations received on or before September 15th will be refunded less a \$50 administrative charge. Beginning September 16th, no refunds will be given.

Questions:

Contact Heart and Vascular Conferences Department
1-800-732-6368
 or via email at heartandvascularconferences@beaumont.edu

Register Online:

<http://beaumont.edu/cardiology-conferences>

Registration Form

Name:		<input type="checkbox"/> MD <input type="checkbox"/> DO <input type="checkbox"/> PA-C <input type="checkbox"/> NP <input type="checkbox"/> RN <input type="checkbox"/> Other:	
Address:	City:	State/Province:	Zip:
Institution - for name badge			
City, State/Province - for name badge (if different from above):			
Telephone:	Fax:	Email:	
Specialty: <input type="checkbox"/> Clinical Cardiology <input type="checkbox"/> Interventional Cardiology <input type="checkbox"/> Family Practice <input type="checkbox"/> Student <input type="checkbox"/> Other:			

Form of Payment <input type="checkbox"/> Check payable to Beaumont Health	Credit Cards Accepted: <input type="checkbox"/> American Express <input type="checkbox"/> Discover <input type="checkbox"/> MasterCard <input type="checkbox"/> Visa
Card Number:	Exp. Date: / / Security Code:
Name on Card:	

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To Register

ONLINE:
<http://beaumont.edu/cardiology-conferences>

FAX: 248-898-9075
MAIL: Completed registration form and payment to:
 Cardiovascular Administration
 Beaumont Health
 3601 West Thirteen Mile Road
 Royal Oak, MI 48073-6769

QUESTIONS?

Contact Heart and Vascular Conferences Department
1-800-732-6368
 or via email at
heartandvascularconferences@beaumont.edu

SUBTOTAL \$

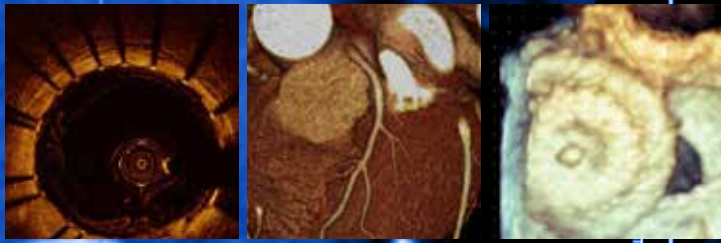
TOTAL \$

Online registration will close on October 3, 2018.

After October 3rd, you may register on-site at the Beaumont Health registration desk located outside the Ballroom of the Troy Marriott.

Cancellation deadline is September 15, 2018.

Cancellations received on or before September 15th will be refunded less a \$50 administrative charge. Beginning September 16th, no refunds are given.



Beaumont

Department of Cardiovascular Medicine
3601 W. 13 Mile Road
Royal Oak, MI 48073-6769

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Advances in Cardiovascular Imaging and Interventions

Oct. 4 – Oct. 6, 2018

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**OPENING RECEPTION AND
KEYNOTE DINNER PRESENTATION
Thursday, October 4 with**

Roberto M. Lang, M.D.

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Conference Location and Accommodations

The Detroit Troy Marriott is the official hotel for the Advances in Cardiovascular Imaging and Interventions conference.

During your stay, you may be contacted at:

Detroit Troy Marriott Hotel

200 West Big Beaver Road • Troy, MI 48084

Phone: 248-680-9797

The Troy Marriott is offering a group rate of \$120.00 plus tax per night. To make your sleeping room reservations, please call 248-680-9797. You must identify yourself as a Beaumont Imaging Conference attendee at the time of reservation to receive the group rate.

Register Online:

<http://beaumont.edu/cardiology-conferences>



Hotel contracts require Beaumont Health to be financially responsible for unused sleeping rooms. The sleeping room rate covers the cost of meeting space and the labor for meeting room set up. Staying at the conference hotel also provides you with the benefit of after-hours networking and easy accessibility to the meetings and exhibits. Please help Beaumont avoid unnecessary penalties and keep registration fees low by booking your sleeping room at the Troy Marriott