

The Sixth Annual
CARDIOVASCULAR SUMMIT 2019:
A Multidisciplinary Team Approach

Thursday, October 17, 2019

Lectures & Case Presentations
2:30pm-8:30pm

Friday, October 18, 2019

Lectures & Case Presentations
7:00am-4:45pm

Locations

All Lectures

Vivian & Seymour Milstein Family
Heart Center
173 Fort Washington Avenue, 1st Floor
New York, NY

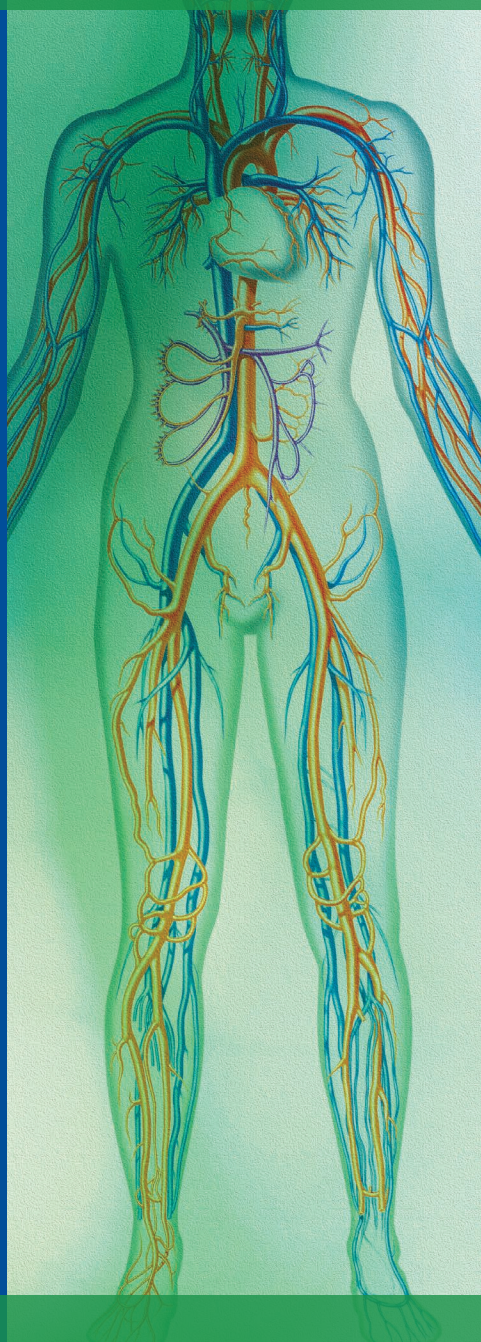
Thursday Evening

Case Presentations

The Faculty Club
630 W. 168th Street, 4th Floor
New York, NY

Program Co-Directors

Danielle R. Bajakian, MD, FACS
Isaac George, MD
Ajay J. Kirtane, MD, SM
Sahil A. Parikh, MD, FACC, FSCAI
Virendra I. Patel, MD, MPH
Hiroo Takayama, MD, PhD



OVERALL GOALS

Cardiovascular Summit 2019 is the Sixth Annual Cardiovascular Therapy Course, hosted by NewYork-Presbyterian/Columbia University Irving Medical Center. This premier two-day course represents a unique multidisciplinary collaboration between cardiologists, vascular, and cardiac surgeons, allowing for a truly comprehensive approach to the management of aortic and cardiovascular disease. Lectures will be given by internationally recognized experts who will address the newest clinical trials published in the field, and review standard and emerging treatments for patients with cardiovascular diseases. Didactic sessions, case presentations and interactive discussions will engender learning and improvement in the management of patients with the full spectrum of cardiovascular disease.

LEARNING OBJECTIVES

- Discuss basic and advanced knowledge related to aortic aneurysm as well as surgical and endovascular aortic therapies
- Explain rapidly changing care for treatment of aortic stenosis, mitral and tricuspid regurgitation
- Describe existing and emerging advanced interventions for coronary artery disease, cardiogenic shock
- Learn contemporary management of peripheral vascular disease

TARGET AUDIENCE

This activity is designed for primary care physicians, cardiologists, interventional cardiologists, vascular, thoracic and cardiac surgeons, general surgeons, internists, intensivists, anesthesiologists, podiatrist, cardiac and vascular NPs and PAs, physical therapists and other medical professionals involved in the evaluation, diagnosis, and/or management of patients with cardiovascular disease.

ACCREDITATION STATEMENT

In support of improving patient care, this activity has been planned and implemented by Columbia University Department of Surgery and Amedco LLC. Amedco LLC is jointly accredited by the American Council for Continuing Medical Education (ACCME), The Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

CREDIT DESIGNATION STATEMENT

PHYSICIANS

Amedco LLC designates this live activity for a maximum of 12.25 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.



PHYSICIAN ASSISTANTS

AAPA accepts certificates of participation for educational activities certified for *AMA PRA Category 1 Credits™* from organizations accredited by ACCME or a recognized state medical society. PAs may receive a maximum of 12.25 *AMA PRA Category 1 Credits™* for completing this activity.

NURSE PRACTITIONERS

The American Academy of Nurse Practitioners Certification Board (AANPCB) recognizes the Accreditation Council for Continuing Medical Education (ACCME) and the American Nurses Credentialing Center (ANCC) as approved accreditors and allow reciprocity for AANPCP continuing education credit.

SATISFACTORY COMPLETION

Learners must complete an evaluation form to receive a certificate of completion. Your chosen sessions must be attended in their entirety. Partial credit of individual sessions is not available. If you are seeking continuing education credit for a specialty not listed above, it is your responsibility to contact your licensing/certification board to determine course eligibility for your licensing/certification requirement.

SUPPORT

We expect support for this program through grants from medical device and pharmaceutical companies.

PROGRAM AGENDA

Thursday, October 17, 2019

2:30pm-3:00pm Registration & Vendor Exhibits

SESSION 1: STRUCTURAL HEART DISEASE

Moderators: Isaac George, MD & Susheel Kodali, MD, FACC

*Panelists: Vinayak N. Bapat, MD, Rebecca T. Hahn, MD, FASE, FACC, FESC,
Omar Khalique, MD, FACC, FASE, FSCCT, FSCMR, Tamim M. Nazif, MD,
Torsten P. Vahl, MD*

3:00pm-3:05pm Case Presentation: Low Risk AS

3:05pm-3:15pm Expert Commentary: TAVR: The New Standard in Aortic Valve Replacement - Low Risk
Isaac George, MD

3:15pm-3:20pm Case Presentation: Bicuspid Cases

3:20pm-3:30pm Expert Commentary: New Data for Bicuspid Valves
Omar Khalique, MD, FACC, FASE, FSCCT, FSCMR

3:30pm-3:35pm Case Presentation: AI Cases

3:35pm-3:45pm Expert Commentary: New Data for AI in TAVR
Torsten P. Vahl, MD

3:45pm-3:50pm Case Presentation: FMR case

3:50pm-4:00pm Expert Commentary: To Clip or Not to Clip: Who, When, Where
Susheel Kodali, MD, FACC

4:00pm-4:05pm Case Presentation: Mitral Replacement Case

4:05pm-4:15pm Expert Commentary: TMVR: Replace is Better than Repair
Vinayak N. Bapat, MD

4:15pm-4:25pm Case Presentation: TR Case

4:25pm-4:35pm Expert Commentary: What Device for What Patient in TR
Rebecca T. Hahn, MD, FASE, FACC, FESC

4:35pm-4:40pm Case Presentation: Cerebral Protection

4:40pm-4:50pm Do We Really Need Cerebral Protection?
Tamim M. Nazif, MD

4:50pm-5:00pm SVD: Why Does It Occur and Can We Stop It?
Giovanni Ferrari, PhD

5:30pm-8:30pm Dinner & Case Presentations

Friday, October 18, 2019

7:00am-8:00am Registration, Breakfast & Vendor Exhibits

SESSION 2: PERIPHERAL VASCULAR DISEASE

*Moderators: Danielle R. Bajakian, MD, FACS &
Sahil A. Parikh, MD, FACC, FSCAI*

8:00am-8:10am Medical Therapy for Global Atherosclerotic Risk Reduction in PAD: New Studies and New Guidelines

Timothy J. Crimmins, MD, RPVI

8:10am-8:25am What's New in PAD Interventions?

Sahil A. Parikh, MD, FACC, FSCAI

8:25am-8:40am Global Guidelines for CLTI

Danielle R. Bajakian, MD, FACS

8:40am-9:00am Panel Discussion: My Legs Hurt

*Panelists: Akinpelumi Beckley, MD, MBA,
Robert Fridman, DPM, FACFAS, CWSP,
Ajay J. Kirtane, MD, SM*

9:00am-9:10am Complex Aortoiliac Disease: Management with New Stent Grafts

Virendra I. Patel, MD, MPH

9:10am-9:20am Pulmonary Embolism: The PERT Concept

Philip Green, MD, FACC

9:20am-9:30am Nonatherosclerotic Vascular Disease

Sanjum S. Sethi, MD, MPH

9:30am-9:40am Venous Ablation for Venous Insufficiency: So Many Legs, So Little Time

Richard W. Schutzer, MD

9:40am-10:00am Panel Discussion: My Leg is Swollen

*Panelists: Philip Green, MD, FACC,
Virendra I. Patel, MD, MPH,
Anthony L. Pucillo, MD, FACC,
Richard W. Schutzer, MD*

10:00am-10:15am Break & Vendor Exhibits

SESSION 3: AORTIC ANEURYSM

Moderators: *Virendra I. Patel, MD, MPH & Hiroo Takayama, MD, PhD*

Panelists: *John A. Elefteriades, MD, Isaac George, MD,
Richard W. Schutzer, MD*

10:15am-10:40am **Keynote Lecture:**
**Natural History of Aortic Aneurysm: Implication
for Surgical Indication**
John A. Elefteriades, MD

10:40am-10:45am **Case Presentation: Bicuspid Associated Aortic
Aneurysm**

10:45am-11:05am Expert Commentary: Repairing Bicuspid Valve
Hiroo Takayama, MD, PhD

11:05am-11:10am **Case Presentation: Aortic Arch Aneurysm**

11:10am-11:30am Expert Commentary: Emerging Endovascular
Repair
Isaac George, MD

11:30am-11:35am **Case Presentation: Thoracoabdominal
Aneurysm**

11:35am-11:55am Expert Commentary: Cutting Edge
Endovascular Repair
Virendra I. Patel, MD, MPH

11:55am-12:00pm **Case Presentation: Abdominal Aortic Aneurysm**

12:00pm-12:20pm Expert Commentary: Long-term Outcomes of
RCTs: EVAR vs. Open Surgery
Richard W. Schutzer, MD

12:20pm-12:30pm **Panel Discussion**

12:30pm-1:30pm **Lunch & Vendor Exhibits**

1:30pm-2:00pm **Keynote Lecture:**
Patient On A Chip: Models to Study
Cardiovascular Development and Disease
Gordana Vunjak-Novakovic, BS, MS, PhD

SESSION 4: CORONARY DISEASE

Moderators: Ajay J. Kirtane, MD, SM & Hiroo Takayama, MD, PhD

*Panelists: Ziad A. Ali, MD, DPhil, Michael Argenziano, MD, FACS,
Dimitri Karpaliotis, MD, PhD, FACC, Jeffrey W. Moses, MD,
Koji Takeda, MD, PhD*

CASE PRESENTATION 1

2:00pm-2:10pm Multivessel Disease with Minimal Symptoms
Ajay J. Kirtane, MD, SM

2:10pm-2:25pm Panel Discussion

2:25pm-2:30pm Q&A

CASE PRESENTATION 2

2:30pm-2:40pm Complex Multivessel Disease
Manish A. Parikh, MD, FACC

2:40pm-3:00pm Heart Team Discussion

3:00pm-3:05pm Q&A

3:05pm-3:20pm Break & Vendor Exhibits

State of the Art Debate: What is the Best Second Conduit after the LIMA in Multivessel Revascularization?

3:20pm-3:30pm Drug-eluting Stents!
Jeffrey W. Moses, MD

3:30pm-3:40pm A Second Mammary Artery!
Hiroo Takayama, MD, PhD

3:40pm-3:50pm Radial Artery or Saphenous Vein Graft!
Vinayak N. Bapat, MD

3:50pm-4:00pm Q&A

CASE PRESENTATION 3

4:00pm-4:10pm Revascularization in Ischemic Cardiomyopathy
Koji Takeda, MD, PhD

4:10pm-4:25pm Heart Team Discussion

4:25pm-4:30pm Q&A

4:30pm-4:45pm Closing Remarks

NewYork-Presbyterian/Columbia University Irving Medical Center & Columbia University Vagelos College of Physicians and Surgeons

Course Directors

Danielle R. Bajakian, MD, FACS

*Assistant Professor of Surgery at CUIMC
Director, Critical Limb Ischemia Program*

Isaac George, MD

*Assistant Professor of Surgery at CUIMC
Surgical Director, Heart Valve Center
Director, Hybrid Coronary Interventions*

Ajay J. Kirtane, MD, SM

Associate Professor of Medicine at CUIMC

*Chief Academic Officer, Center for
Interventional Vascular Therapy
Director, Cardiac Catheterization
Laboratories*

Sahil A. Parikh, MD, FACC, FSCAI

Associate Professor of Medicine at CUIMC

Director, Endovascular Services

Virendra I. Patel, MD, MPH

*Associate Professor of Surgery at CUIMC
Section Chief of Vascular Surgery
Division of Cardiac, Vascular and
Thoracic Surgery
Co-Director of Aortic Center*

Hiroo Takayama, MD, PhD

*Associate Professor of Surgery at CUIMC
Director of Cardiovascular Institute
Co-Director of Aortic Center
Co-Director of the HCM Program,
Division of Cardiac, Vascular and
Thoracic Surgery*

Guest Faculty

John A. Elefteriades, MD

*William W.L. Glenn Professor of Cardiothoracic Surgery
Director, Aortic Institute at Yale-New Haven
Yale University School of Medicine*

Faculty

Ziad A. Ali, MD, DPhil

*Assistant Professor of Medicine
Associate Director of Translational
Medicine
Victoria and Esther Aboodi Cardiology
Researcher*

Michael Argenziano, MD, FACS

*Calvin F. Barber Professor of Surgery at CUIMC
Chief, Section of Adult Cardiac Surgery
Program Director, Thoracic Surgery
Residency*

Vinayak N. Bapat, MD

*Assistant Professor of Surgery
Director, Transcatheter Valve Therapy*

Akinpelumi Beckley, MD, MBA

*Assistant Professor of Rehabilitation and
Regenerative Medicine at CUIMC*

Timothy J. Crimmins, MD, RPVI

Assistant Professor of Medicine

Giovanni Ferrari, PhD

*Associate Professor
Departments of Surgery and Biomedical
Engineering
Director Cardio-thoracic Surgery
Research & Columbia Biobank for
Translational Science (CBTS)*

Robert Fridman, DPM, FACFAS, CWSP

*Department of Orthopaedic Surgery
at CUIMC*

Philip Green, MD, FACC

*Assistant Professor of Medicine
Director, Pulmonary Embolism
Response Team*

**Rebecca T. Hahn, MD, FASE,
FACC, FESC**

*Professor of Medicine at CUIMC
Director of Interventional
Echocardiography*

Dimitri Karpaliotis, MD, PhD, FACC

*Associate Professor of Medicine
Director of CTO, Complex and High Risk
Angioplasty*

**Omar Khalique, MD, FACC, FASE,
FSCCT, FSCMR**

*Director, Multimodality Cardiac Imaging
Structural Heart and Valve Center CUIMC*

Susheel Kodali, MD, FACC

*Avanessians Associate Professor of
Medicine
Director, NYP/Columbia Structural Heart
& Valve Center*

Jeffrey W. Moses, MD

*John and Myrna Daniels Professor
of Cardiology
Director, Interventional Cardiovascular
Therapeutics*

Tamim M. Nazif, MD

*Assistant Professor of Medicine
Director of Clinical Services
Columbia Structural Heart &
Valve Center
Director of Clinical Research, Center for
Interventional Vascular Therapy*

COURSE ORGANIZERS**Hearan Choo, MD**

*Director of CME
Department of Surgery, CME Office
Columbia University
Irving Medical Center*

Manish A. Parikh, MD, FACC

*Associate Professor of Medicine
Associate Director, Cardiac
Catheterization Lab*

Anthony L. Pucillo, MD, FACC

*Associate Professor of Medicine
at CUIMC
Associate Chief Medical Officer
NYP/Lawrence Hospital*

Richard W. Schutzer, MD

Assistant Professor of Surgery

Sanjum S. Sethi, MD, MPH

Assistant Professor of Medicine

Koji Takeda, MD, PhD

*Assistant Professor of Surgery
Director, Cardiac Transplant
Surgery Director, Adult Extracorporeal
Membrane Oxygenation Program
Director, Pulmonary
Thromboendarterectomy Program*

Torsten P. Vahl, MD

*Assistant Professor of Medicine
at CUIMC
Director of Experimental & Translational
Research*

**Gordana Vunjak-Novakovic, BS,
MS, PhD**

*University Professor
The Mikati Foundation Professor of
Biomedical Engineering and Medicine
Director, Laboratory for Stem Cells and
Tissue Engineering*

Annmarie Tarleton

*Special Events Coordinator
Department of Surgery, CME Office
Columbia University
Irving Medical Center
Telephone: 212.304.7813
Fax: 212.304.7811
Email: at3004@cumc.columbia.edu*

MEETING LOCATIONS

Thursday, October 17, 2019

Lectures:

Vivian and Seymour Milstein Family
Heart Center
173 Fort Washington Ave., 1st Fl.
New York, NY 10032

Case Presentations

(Thursday 10/17/19 ONLY)

The Faculty Club
630 W. 168th Street, 4th Floor
New York, NY 10032

Subway:

Take the A, C lines to 168th Street Washington Heights/Broadway. (Please note, the 1 trains are bypassing the 168th Street subway station at Columbia University Irving Medical Center until early 2020.)

Parking:

Parking is available at the NewYork-Presbyterian/Columbia University Irving Medical Center parking lot, located on the southwest corner of Fort Washington Avenue and West 168th Street. **Parking fee is NOT included with registration.** Valet parking is available at the entrance of the Milstein Hospital Building located at 177 Fort Washington Avenue.

PAYMENT METHOD

ONLINE:

To register online, please visit www.columbiasurgerycme.org. For security purposes, credit card payments cannot be accepted in the mail or by phone. American Express, Discover, MasterCard and Visa ONLY.

MAIL:

Complete attached registration form and mail with full payment to:
NewYork-Presbyterian/Columbia University Irving Medical Center
Department of Surgery, CME Office
400 Kelby Street, 9th Floor
Fort Lee, NJ 07024

Enclose a check or money order payable to:

Columbia University Department of Surgery

Checks must be in U.S. dollars drawn on a U.S. bank.

Friday, October 18, 2019

Lectures:

Vivian and Seymour Milstein Family
Heart Center
173 Fort Washington Ave., 1st Fl.
New York, NY 10032

REGISTRATION AND FEES:

Please register me for the continuing medical education program entitled:

The Sixth Annual
Cardiovascular Summit 2019:

A Multidisciplinary Team Approach

Thursday, October 17 & Friday, October 18, 2019

NYP Affiliates

- ☐ \$175 - MD, DO
- ☐ \$75 - RN, NP, PA, PhD
- ☐ FREE - Fellows, Residents
& Students

Non-NYP Affiliates

- ☐ \$225 - MD, DO
- ☐ \$125 - RN, NP, PA, PhD
- ☐ FREE - Fellows, Residents
& Students

Space is limited, early registration is highly encouraged

First Name	M.I.	Last Name	Degree(s)
------------	------	-----------	-----------

Company/Affiliation

Address

City	State	Zip
------	-------	-----

Daytime Phone	Daytime Fax
---------------	-------------

E-mail (required for confirmation purposes)

Specialty	Special Needs (specify accommodations needed)
-----------	---

Attendee Signature	Date
--------------------	------

REFUND POLICY: Registration is limited and will be handled on a first-come, first-served basis. Telephone registrations and/or cancellations cannot be accepted. Refund of registration fee (if applicable) will be made if written notice of cancellation is received by Tuesday, October 1, 2019. Unfortunately, no refunds can be made thereafter.

Columbia University Irving Medical Center
Department of Surgery, CME Office
400 Kelby Street, 9th Floor
Fort Lee, New Jersey 07024

The Sixth Annual

CARDIOVASCULAR SUMMIT 2019:

A Multidisciplinary Team Approach

Thursday, October 17, 2019
Friday, October 18, 2019

NewYork-Presbyterian/
Columbia University Irving Medical Center
Vivian and Seymour Milstein Family
Heart Center, New York City

Amedco LLC designates this live activity for a maximum of 12.25 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.