UCLA Symposium on Advances in Treatment of Aortic Pathology

Saturday, November 7, 2020
Virtual Conference
Los Angeles, California
The UCLA Symposium on Advances in Treatment of Aortic Pathology is sponsored by the UCLA Aortic Center.

The ongoing concerns with COVID-19 required that we develop strategies for the safety of all faculty and the audience. We plan to present the program in a virtual format with live streaming presentations. In addition to the virtual symposium, registrants will also be provided a virtual course “syllabus” that will provide them with on-demand access to recordings of the live stream sessions for three weeks following presentation.

Celebrating its 7th year, this one-day CME live virtual course will present advances in endovascular technology, conservative management, risk control, and surgical alternatives available for treatment of aortic disease. The course will focus on patient selection, evaluation, imaging, and current approaches for management and care of patients with aortic pathology. Focused presentations for physicians will involve technical aspects of surgical and endovascular technology available to treat aortic conditions. Prevention, recognition, and management of potential complications of intervention will also be discussed. Parallel morning and afternoon sessions for primary care physicians, ER physicians, allied health care personnel, including nurses, nurse practitioners, and physician assistants, will be presented, concentrating on anatomy, definitions, natural history, patient and family education, and preoperative, perioperative and postoperative management of patients undergoing aortic interventions.

The target audience is vascular surgeons, cardiothoracic surgeons, cardiologists, nurse practitioners, physician assistants, nurses, and allied health professionals involved in the care of patients with acute and chronic aortic pathology.

The objectives of the symposium are to educate physicians, nurses, nurse practitioners, and allied health professionals on diagnosis and management alternatives available for treatment of common and complex aortic pathology. Patient selection, indications for intervention, endovascular and surgical options, intraprocedural maneuvers, and current and future endovascular device developments will be presented. Prevention, recognition, and management of complications will be discussed.

At the conclusion of this activity, in addition to understanding the latest advances being made worldwide to manage both common and complex aortic pathology, participants will be able to:

- Describe the anatomy of the aorta and understand the pathophysiology that leads to the formation of aneurysms and or aortic dissection.
- Educate patients and families regarding the diagnosis, implications of the various treatment algorithms, and the importance of family history.
- Formulate a cohesive plan for appropriate open and or endovascular treatments based on current guidelines for aortic aneurysms and dissections.
- Recognize the risk factors that can be controlled to reduce the risk of paraplegia after aortic interventions and the risk of rupture of aortic aneurysms.
- Incorporate in their practice alternatives available for treatment of complex aortic pathology including endovascular and surgical approaches.
- Choose the most appropriate modality for imaging in the presence of renal insufficiency or other contraindications for contrast administration. Describe methods to reduce radiation exposure during evaluation and endovascular treatment of aortic pathology.
- Manage patients with acute or chronic aortic dissection, recognizing the importance of dynamics of the false lumen and sac behavior.
Faculty

COURSE DIRECTOR

William Quinónes-Baldrich, MD, FACS
Professor of Surgery
Division of Vascular and Endovascular Surgery
Director, UCLA Aortic Center
David Geffen School of Medicine at UCLA

GUEST FACULTY

Andrew Barleben, MD
Vascular Surgeon,
Assistant Clinical Professor
University of California, San Diego
San Diego, CA

William D. Jordan, Jr., MD
John E. Skandalakis Chair in Surgery
Professor of Surgery and Chief
Division of Vascular and Endovascular Therapy
Department of Surgery
Emory University School of Medicine
Director, Vascular Surgery Service, Emory Healthcare
Atlanta, GA

Manju Kalra, MBBS
Division of Vascular and Endovascular Surgery,
Department of Surgery
Mayo Clinic Hospital
Rochester, MN

John S. Lane, MD
Professor of Vascular and Endovascular Surgery
Program Director, Vascular Residency Program
University of California, San Diego
San Diego, CA

Jason T. Lee, MD
Vascular Surgeon,
Professor of Surgery
Director, Endovascular Surgery
Program Director, Vascular Surgery Fellowship/Residency
Stanford University Medical Center, Stanford University
Stanford, CA

Andres Schanzer, MD, FACS
Professor and Chief, Vascular and Endovascular Surgery
Director, UMass Center for Complex Aortic Disease
University of Massachusetts Medical School
Worcester, MA

Darren Schneider, MD
Chief, Vascular Surgery and Endovascular Surgery
Penn Medicine, University of Pennsylvania
Philadelphia, PA

Fred A. Weaver, MD, MMM
Professor and Chief
Division of Vascular Surgery and Endovascular Therapy
Keck School of Medicine
University of Southern California
Los Angeles, CA

UCLA FACULTY

Donald Baril, MD
Associate Professor of Surgery
Division of Vascular and Endovascular Surgery

Parntip Chertoobunmuang, MSN, NP
Acute Care Nurse Practitioner
Aortic Center and Structural Heart Programs

Tristen T. Chun, MD
Fellow, General Surgery
Department of Surgery
Division of Vascular and Endovascular Surgery

Brian G. DeRubertis, MD, FACS
Professor of Surgery
Division of Vascular and Endovascular Surgery

Victor Duval, MD
Clinical Professor
Division of Vascular and Endovascular Surgery

Shanna Freeman, APRN
Nurse Practitioner
Division of Vascular Surgery

Hugh A. Gelbert, MD, FACS
Professor of Surgery
Division of Vascular and Endovascular Surgery

Antoinette S. Gomes, MD
Professor of Radiology and Medicine
Department of Radiological Sciences

Vadim Gudzenko, MD
Associate Clinical Professor
Department of Anesthesiology

Juan Carlos Jimenez, MD, MBA
Professor of Surgery
Division of Vascular and Endovascular Surgery

Murray Kwon, MD
Associate Clinical Professor
Department of Cardiothoracic Surgery

Joseph S. Meltzer, MD
Clinical Professor of Anesthesiology and Critical Care Medicine
Department of Anesthesiology and Perioperative Medicine

Rhusheet P. Patel, MD
Vascular Surgery Chief Resident,
Department of Surgery, Division of Vascular and Endovascular Surgery

Leigh Reardon, MD
Assistant Clinical Professor
Cardiology, School of Medicine

David A. Rigberg, MD
Professor of Surgery
Division of Vascular and Endovascular Surgery
Gonda (Goldschmied) Vascular Center

Rod White, MD
Professor in Medicine
Division of Vascular and Endovascular Surgery
UCLA Symposium on Advances in

MORNING MAIN SESSION
8:00  Endovascular Treatment of Aortoiliac Occlusive Disease – Limitations, Stent Graft Selection, Results
Brian DeRubertis, MD, FACS

8:15  Prevention and Management of Type II Endoleaks after EVAR
Andrew Barlcaen, MD

8:30  Endovascular Repair with Parallel Grafting: Limitations When & How
Jason T. Lee, MD

8:45  Rescue of Failed EVAR
Andres Schanzer, MD, FACS

9:00  CHEVAS – A Different Approach to Complex Aortic Aneurysm Management: Indications, Limitations and Results
John Lane, MD

9:15  Hybrid Approach to Complex Aortic Pathology The Best of Both Worlds
Manju Kalra, MBBS

9:30  The Future of Endovascular Management of Aortic Pathology – What is in the Pipeline – Tambi, Valiant, P-Branch
Andres Schanzer, MD, FACS

9:45 – 10:00  Fast Paced Learning 5/5/5

10:00  Anatomy and Physiology of the Aorta
Hugh Gelabert, MD, FACS

10:15  Aortic Aneurysms: Etiology, Diagnosis & Management
Juan Carlos Jimenez, MD, MBA

10:30  Aortic Dissections: Etiology, Diagnosis & Management
Murray Kwon, MD

10:45  Access for Endovascular Aortic Procedures when the Ilio Femoral Arteries are not an Option Endovascular and Surgical Alternatives – Advanced Techniques – How to do it
Darren Schneider, MD

10:50  Veno Arterial Circulatory Support During Surgical Repair of Complex Aortic Pathology
William Quinoñes-Baldrich, MD, FACS

10:55  IVUS – When, Why, How? How to
Rod White, MD

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8:00  Anatomy and Physiology of the Aorta
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8:15  Aortic Aneurysms: Etiology, Diagnosis & Management
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Murray Kwon, MD

8:45  Endovascular Repair of Aortic Pathology
William Quinoñes-Baldrich, MD, FACS

9:00  Imaging of the Aorta: A Surgeon’s Perspective
Donald Baril, MD

9:15  Radiation Safety for Patients and Providers
Antoinette Gomes, MD

9:30  Risk Stratification before Aortic Surgery
Victor Duval, MD

9:45  Assessment and Management of Patients after Aortic Surgery
Joseph Meltzer, MD

10:30  Practice Guidelines: Fellow/Resident talk combined
a. Aortic Dissection
Rhusheet Patel, MD

b. Aortic Aneurysms – Abdominal & Thoracic
Tristen Chun, MD

10:45  Surgical Repair of Type A Dissection: Planning for the Future
Murray Kwon, MD

11:00  Factors Associated with Increased Incidence and/or Rupture of Aortic Aneurysms
David Rigberg, MD

11:15  EVAR vs Open Repair of Abdominal Aortic Aneurysms: What to Do in 2020
William D. Jordan, Jr, MD

11:30  When is Open Surgical Repair the Better Option
Manju Kalra, MBBS
# Treatment of Aortic Pathology

## AFTERNOON MAIN SESSION

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker(s)</th>
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</thead>
<tbody>
<tr>
<td>1:15</td>
<td>Endovascular and Surgical Management of Abdominal Aortic and IVC Injury – REBOA (Remote Endovascular Balloon Occlusion of Aorta) and other Techniques</td>
<td>Juan Carlos Jimenez, MD, MBA</td>
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<tr>
<td>1:30</td>
<td>Do Large (&gt;28mm) Aortic Neck Predicts Poor Outcomes – Results of a Meta-Analysis</td>
<td>John Lane, MD</td>
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<td>1:45</td>
<td>Sizing and Choice of Endovascular Device for Treatment of a Ruptured Aneurysm</td>
<td>Andrew Barleben, MD</td>
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<td>2:00</td>
<td>EVAR – TEVAR for Mycotic Aortic Aneurysm or Aortic Fistulas – Bridge Therapy or Definitive Treatment</td>
<td>Fred Weaver, MD, MMM</td>
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<td>2:15</td>
<td>Multilayer Modulating: Uncovered Stents for TAA. Do They Really Work?</td>
<td>Rod White, MD</td>
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<tr>
<td>2:30</td>
<td>Petticoat TEVAR for Type B Aortic Dissection Rationale, Indications and Results</td>
<td>Darren Schneider, MD</td>
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## AFTERNOON PARALLEL SESSION

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker(s)</th>
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</thead>
<tbody>
<tr>
<td>1:15</td>
<td>“I Have an Aortic Aneurysm: Do We Need to Check for an Aneurysm Somewhere Else?”</td>
<td>David A Rigberg, MD</td>
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<tr>
<td>1:30</td>
<td>Prevention and Management of Paraplegia in Aortic Surgery including Management of Spinal Catheter Drainage</td>
<td>Vadim Gudzenko, MD</td>
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<td>1:45</td>
<td>Risk Factors for Aortic Pathology: What Can Be Done?</td>
<td>Leigh Reardon, MD</td>
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<td>2:00</td>
<td>Aortic Aneurysms and Dissections: Patient &amp; Family Education</td>
<td>Shanna Freeman, ARNP</td>
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<td>2:15</td>
<td>Outpatient Follow-up: Identifying the Red Flags</td>
<td>Parntip Chertboonmuang, MSN, NP</td>
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<td>2:30</td>
<td>Questions and Discussion</td>
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## Break

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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>2:45</td>
<td>3:00 Penetrating Aortic Ulcers, Etiology, Diagnosis, and Management</td>
<td>Murray Kwon, MD</td>
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<tr>
<td>3:15</td>
<td>Diagnosis and Management of Aortic Arteritis – Indications for Intervention: Open vs Endo</td>
<td>David Rigberg, MD</td>
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<tr>
<td>3:30</td>
<td>Lower Extremity Complications After Femoral Access for Endovascular Procedures</td>
<td>Brian DeRubertis, MD, FACS</td>
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<tr>
<td>3:45</td>
<td>Preventing Acute Kidney Injury During EVAR and more complex EV Procedures</td>
<td>Andres Schanzer, MD, FACS</td>
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<tr>
<td>4:00</td>
<td>Management of AAA Post Type B Aortic Dissection</td>
<td>Rod White, MD</td>
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<td>4:15</td>
<td>Long Term Results of Medically Managed Type B Aortic Dissection When is Early Intervention Indicated</td>
<td>Manju Kalra, MBBS</td>
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<td>4:30</td>
<td>Debate: Type B Aortic Dissection Endo vs Medical</td>
<td>Andres Schanzer, MD, FACS vs Manju Kalra, MBBS</td>
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<td>4:45</td>
<td>Case Presentations and Discussion</td>
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<td>5:15</td>
<td>Adjourn</td>
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**Conference Location**
The conference will be offered as a live virtual event.

**Fees**
$75 – Physicians  
$50 – Nurse practitioners, registered nurses, and physician assistants

*Fellows, residents, and students are welcomed at no charge.

**Refunds**
Cancellations must be received in writing by Friday, October 16, 2020 and will be subject to a $50 processing fee. No refunds will be granted after that date. If, for any reason, the course must be cancelled, discontinued or rescheduled by the Office of Continuing Medical Education, a full refund will be provided.

**Accreditation**
The Office of Continuing Medical Education, David Geffen School of Medicine at UCLA is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The Office of Continuing Medical Education, David Geffen School of Medicine at UCLA designates this live activity for a maximum of 7.75 [AMA PRA Category 1 Credits™](https://www.ama-assn.org/ama/publishing-center/ama-journals/products-and-services/ama-pra-category-1-credit). Physicians should claim only credit commensurate with the extent of their participation in the activity.

The California State Board of Registered Nursing accepts courses approved by the AMA for category 1 credit as meeting the continuing education requirements for license renewal. Nurses from states other than California should inquire with their local State Board for specific continuing education policies.

**Enrollment**

**Online**
Go to [www.cme.ucla.edu/courses](http://www.cme.ucla.edu/courses) and click on UCLA Symposium on Advances in Treatment of Aortic Pathology. You may use your MasterCard, Visa, American Express or Discover card to register.

**By Mail**
Mail the attached form to:
UCLA Office of Continuing Medical Education  
David Geffen School of Medicine at UCLA  
UCLA Aortic Pathology Symposium  
10920 Wilshire Boulevard, Suite 1060  
Los Angeles, CA 90024-6512

**By Phone**
Call (310) 794-2620 to use your MasterCard, Visa, American Express, or Discover Card.

**Additional Information**
If you have any questions, please contact the UCLA Office of Continuing Medical Education at (310) 794-2620.

**Disclosure Statement**
The FDA has issued a concept paper which classifies commercial support of scientific and educational programs as promotional unless it can be affirmed that the program is “truly independent” and free of commercial influence. In addition to independence, the FDA requires that nonpromotional, commercially supported education be objective, balanced, and scientifically rigorous. The policy further states that all potential conflicts of interest of the CME staff and faculty be fully disclosed to the program’s participants. In addition, Accreditation Council for Continuing Medical Education policy mandates that the provider adequately manages all identified potential conflicts of interest prior to the program. We at UCLA fully endorse the letter and spirit of these concepts.
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Application for Enrollment

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<tr>
<th>Course Title and Number</th>
<th>Amount</th>
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| UCLA Symposium on Advances in Treatment of Aortic Pathology | $75 – Physicians  
$50 – Nurse practitioners, registered nurses, and physician assistants  
* Fellows, residents, and students are welcomed at no charge. Please call the CME Office to register. |

Please print

Name (First/Middle/Last)

Degree

Specialty

Mailing Address

City/State/ZIP

Area Code    Daytime Phone

Area Code    FAX

E-mail

□ Check enclosed payable to: The Regents of the University of California

Charge:  □ MasterCard   □ Visa   □ American Express   □ Discover

_________–_________–_________–_________

Authorizing Signature

Expiration (Mo/Yr)

Name of cardholder

Online Registration (preferred)
Visit www.cme.ucla/courses and follow the link to Aortic Pathology. Payment can be made with VISA, MC, American Express or Discover.

By Mail
Mail the attached form to:
UCLA Office of Continuing Medical Education
David Geffen School of Medicine at UCLA
UCLA Aortic Pathology Symposium
10920 Wilshire Boulevard, Suite 1060
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