

Presented by the Department of Surgery
Division of Vascular and
Endovascular Surgery
University of California, San Francisco
School of Medicine



UCSF Vascular Symposium 2015

Including a Mini Symposium on Limb Preservation and Diabetic Foot Wound Healing
jointly sponsored by the California Podiatric Medical Association

THURSDAY – SATURDAY

April 16-18, 2015

Hotel Nikko
San Francisco, CA



COURSE CHAIR

Michael S. Conte, MD
Professor of Surgery
Chief, Division of Vascular and
Endovascular Surgery
University of California, San Francisco

COURSE CO-CHAIRS

Christopher D. Owens, MD, MSc
Associate Professor of Surgery
Division of Vascular and
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University of California, San Francisco

Linda M. Reilly, MD
Professor of Surgery
Division of Vascular and Endovascular Surgery
University of California, San Francisco

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In 2015, vascular surgeons will be confronted with more treatment choices than ever before in practically all vascular territories that we treat. Innovative new technologies and techniques, new device/drug combinations, and even new designs of old technology herald in the next era of vascular science. But we also know that all that glitters is not gold. How do these new technologies compare to one another and how do they stack up against surgical outcomes? Are they complementary or competitive? Science is scarce and opinion is rife yet we must winnow what is true and significant and in the best interest of our patients.

This year, we have organized our course to leverage the collective wisdom of the UCSF faculty, guest speakers and audience guests to authentically discuss rational, treatment approaches to vascular problems seen each day in your practices. If you are a returning guest, you will notice a new look to our course this year, right down to the seating set up of the room. This has all been designed to increase interaction and participation by everyone to enrich the discussion. Each session has debates and interactive case presentations strategically placed and selected to highlight knowledge gaps in everyday clinical scenarios. Didactic lectures and practical "how-I-do it" talks will round out each session.

This year we wish to welcome collaboration with the California Podiatric Medical Association (CPMA) to jointly present a UCSF/CPMA limb preservation and diabetic foot care course to be held during our final three sessions. Finally we are fortunate once again to have our Society of Vascular Surgery President, Dr. Peter Lawrence, to present the Binkley Lecture.

ELECTRONIC SYLLABUS

There will not be a printed syllabus for this course.

- EDUCATIONAL OBJECTIVES**
- An attendee completing this course should be able to apply:
- Techniques to reduce failure rates of peripheral vascular intervention;
 - Techniques and/or strategies to reduce AAA growth post-repair/improve EVAR durability
 - Strategies and techniques to improve healing of diabetic foot ulcers;
 - Strategies to select the best vascular intervention for your patient;
 - Utilization of antiplatelet and anti-inflammatory medications to combat hyperplasia and improve outcomes;
 - Technique to limit or repair Type I, II, and III leaks after endovascular aneurysm repair;
 - Knowledge on open and endovascular approach to aortic dissections and how disease specific anatomy will help guide treatment;
 - Assessment of the challenging vascular access patient;
 - Management options for asymptomatic carotid stenosis;
 - Surveillance strategies for revascularization procedures;
 - Comprehensive assessment of the patient with limb threatening ischemia;
 - Treatment options for the aneurysm that continues to expand after endovascular repair;
 - Proper assessment of strategies for prevention of hyperplasia in lower extremity bypass;
 - Contemporary wound management strategies.

ACCREDITATION

The University of California, San Francisco School of Medicine (UCSF) is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

UCSF designates this live activity for a maximum of **17.00 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

This CME activity meets the requirements under California Assembly Bill 1195, continuing education and cultural and linguistic competency.

Nursing

For the purpose of recertification, the American Nurses Credentialing Center accepts **AMA PRA Category 1 Credit™** issued by organizations accredited by the ACCME.

Physician Assistants

AAPA accepts category 1 credit from AOACCME, Prescribed credit from AAFP, and **AMA PRA Category 1 Credit™** from organizations accredited by the ACCME.



COURSE CHAIRS

Michael S. Conte, MD

Professor of Surgery and Chief
Division of Vascular &
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UCSF FACULTY

Timothy A. M. Chuter, MD

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Charles M. Eichler, MD

Clinical Professor of Surgery
Division of Vascular and
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Warren J. Gasper, MD

Assistant Professor of Surgery
Division of Vascular and
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Marlene Grenon, MD, CM

Assistant Professor of Surgery
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Steven Hetts, MD

Associate Professor of Radiology
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Jade S. Hiramoto, MD

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GUEST FACULTY

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Diagnostic Laboratory;
Washington Hospital Center;
Washington, DC

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Vascular Surgeon
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College of Podiatric Medicine
Western University of Health
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GUEST FACULTY (cont'd)

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University of California,
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Director Cardiovascular Labs
Director of Research
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Wyoming, MI

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Chief & Program Director
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Vascular Surgeon
The Regional Medical Center
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Amputation Prevention &
Comprehensive Foot & Ankle
Center; Pittsburgh, PA

Wei Zhou, MD

Professor of Surgery,
Stanford University and
Chief of Vascular Surgery,
VA Palo Alto Health Care System;
Palo Alto, CA

faculty



THURSDAY, APRIL 16, 2015

7:00 am *Registration and Continental Breakfast*

8:00 **Welcome and Course Overview**

Michael Conte

AORTA SESSION 1 • Moderators: Timothy Chuter and Jean Panneton

8:10 **The Current Understanding of the Pathophysiology and Anatomy of Aortic Dissection**

Jade Hiramoto

8:25 **An Algorithm to Choose Which Uncomplicated (Asymptomatic) Acute Type B Dissection Patients Should Undergo TEVAR**

Linda Reilly

8:40 **Optimal Imaging Techniques for Surveillance of Aortic Dissection, Aortitis, and Related Syndromes**

David Saloner

8:55 **Case #1: Open Repair vs. TEVAR for Chronic Aortic Dissection with Aneurysm**

Christopher Owens

9:10 **How-I-Do-It: My Approach to Chronic Type B Dissections**

Jean Panneton

9:25 **Proximal Aortic Dissection and Other Disasters After TEVAR Deployment: Can They be Predicted, Prevented, and What to do About It?**

Timothy Chuter
Jean Panneton

9:40 *Break*

AORTA SESSION II • Moderators: Michael Conte and Jason Lee

10:00 **New and Emerging Devices to Treat Abdominal Aortic Aneurysms: How do They Stack Up with Current Devices?**

Benjamin Starnes

10:15 **Hypogastric Artery Preservation: When is it Necessary and How-I-Do-It – Overview of the Banana, Sandwich VORTEC Techniques**

Jason Lee

10:30 **Explanting Endografts: How-I-Do-It and How to Get this Done Safely**

Charles Eichler

10:45 **The Aortic Case I Wish I had not Started**

Jason Lee

11:00 **Three-way Debate: Treatment of Short Necks, Juxtarenal and Pararenal Aneurysms**

1. Pre-debate Vote

2. Snorkels and Other Adjuncts to Treat Short and Difficult Necks Offer a Stable and Long Term Solution

Jason Lee

3. 150 Fenestrated EVAR (FEVAR) and Counting: This is the Way I want My Juxta-Renal Aneurysm Fixed

Benjamin Starnes

4. Open Repair Remains the Treatment of Choice in These Patients

Michael Conte

5. Post-debate Vote

11:30 **BINKLEY LECTURE: Peter Lawrence**

12:00 pm *Lunch on Own*

CAROTID SESSION • Moderators: Joseph Rapp and Joshua Beckman

1:30 **Carotid Disease: Past, Present, and Future**

Joshua Beckman

1:45 **CREST 2 and Other Recent Carotid Trials: Why do We Need Them?**

Joseph Rapp

2:00 **Case #2: Complex Combined Arch and Carotid Diseases**

Christopher Owens

2:15 **Your Patient has Carotid Bulb Stenosis and a Tandem Intracranial Stenosis: How do SAMMPRIS and Other Evidence Inform Your Treatment?**

Steven Hetts

2:30 **How-I-Do-It: Carotid Body Tumors – My Method of Evaluation and Surgical Approach**

Charles Eichler

2:45 **Asymptomatic Carotid Stenosis is Not So Asymptomatic**

Wei Zhou

3:00 *Break*

VASCULAR MEDICINE SESSION • Moderators: Shant Vartanian and Ben Starnes

3:30 **The Year in Vascular Surgery: Papers That You Should Be Aware of**

Christopher Owens

3:45 **Pre-operative Cardiac Evaluation of the Vascular Patient: Updated AHA/ACC Guidelines – Choosing Wisely**

Joshua Beckman

4:00 **Frailty and Cognition in the Assessment of Vascular Surgery Patients**

Linda Reilly

4:15 **What do the NOAC Trials Tell Us for Special Populations: Obese, Renal Failure, Cancer, and Thrombophilia**

Tracy Minichiello

4:30 **Vascular Trauma at the San Francisco General Hospital: Practical Lessons Learned**

Shant Vartanian

4:45 **Case #3: Trauma**

Shant Vartanian

5:00 pm *Course Reception*

FRIDAY, APRIL 17, 2015

PAD CLAUDICATION SESSION • Moderators: Christopher Owens and Cameron Akbari

8:00 am	Treatment of Claudication: the Perspective of the Patient, the Provider, and the Health Care System	Michael Conte
8:15	Non-Interventional Treatment of Claudication: What's the Evidence?	Marlene Grenon
8:30	Back to Basics: What's New in Balloon Angioplasty Catheters and What Can We do to Improve Them	Timothy Chuter
8:45	Drug Coated Balloons: How They Work and What's the Evidence?	Christopher Owens
9:00	In the DCB Era, How do I Choose to Use a Stent or Not? My Algorithm for Choosing When to Stent and What Devices to Use in the SFA	John Laird
9:15	In the DCB Era, How do I Choose to Use a Stent? My Algorithm for Choosing When to Stent and What Devices to Use in the SFA	Cameron Akbari
9:30	Case #4	Christopher Owens
9:45	<i>Break</i>	

VASCULAR LABORATORY SESSION • Moderators: Warren Gasper and Dennis Bandyk

10:15	Debate: Imaging Strategy for Claudication: Ultrasound Alone is Adequate to Select Patients for Endovascular Intervention 1. Pre-debate Vote 2. Pro: Dennis Bandyk 3. Con: John Laird 4. Post-debate Vote	
10:55	Surveillance After Endovascular Intervention: When to Re-intervene and What's the Evidence	Warren Gasper
11:10	A Brief Point-of-Care Ultrasound Examination You Can Use in the Clinic to Assess AVF Maturity	Dennis Bandyk
11:25	How to Select Patients for Treatment of Chronic Venous Insufficiency	Peter Lawrence
11:45 am	<i>Lunch on Own</i>	

VASCULAR ACCESS SESSION • Moderators: Charles Eichler and John Ross

1:15	How-I-Do-It: My Algorithm for Creating a Successful AVF – Lessons from Bamberg County Hospital	John Ross
1:30	Debate: Your Patient's AV Graft Clotted Yesterday. What is the Gold Standard Treatment of the Clotted AV Graft and/or AV Fistula, Surgical, Endovascular, or Hybrid Approach? 1. Pre-debate Vote 2. Endovascular Treatment is the Gold Standard to Recover Patency 3. Operative Therapy is the More Definitive Treatment and Offers a Better Secondary Patency Rate 4. Post-debate Vote	Robert Kerlan Stephen Hohmann
2:00	HeRO, Gore Hybrid Graft, and Other Techniques for the No Option Patient	Stephen Hohmann
2:15	Vascular Steal: Understanding Fistula-specific Physiology Guides Rationale Treatment	Warren Gasper
2:30 pm	Vascular Access Disasters	Moderator: John Ross Charles Eichler & Joseph Rapp

REGISTRATION INFORMATION

Registration Fee:

April 16-18, 2015

\$595	Practicing Physicians
\$450	Northern California Vascular Society Members and CPMA Members
\$400	Nurses/Allied Health Professionals/Non-UCSF Residents & Fellows

April 18, 2015 Saturday ONLY

\$150	Practicing Physicians
\$125	Northern California Vascular Society Members and CPMA Members
\$75	Nurses/Allied Health Professionals/Non-UCSF Residents & Fellows

Day rates are available please call 415-476-5808

Payment may be made by Visa, MasterCard, AmEx or check.

REGISTER VIA:

Online: www.cme.ucsf.edu

Mail: Complete course registration form and send with payment to:
 UCSF Office of CME
 P.O. Box 45368
 San Francisco, CA 94145-0368

Fax: Fax completed registration form to: (415) 502-1795 (be sure to include your credit card number)

Phone: To register by phone or to inquire about registration status, please call UCSF's CME Registration Office at (415) 476-5808.

Please check our website for up-to-date information on the course: www.cme.ucsf.edu.

FRIDAY, APRIL 17, 2015 (CONT'D)

3:15 pm *Break*

VENOUS SESSION • Moderators: Marlene Grenon and Jason Lee

3:45	Iliofemoral DVT: An Update on the TORPEDO, CaVent, and ATTRACT Trials	Marlene Grenon
4:00	Evidence-based Medicine: Concomitant or Sequential Phlebectomy for Varicosities with Venous Ablation?	Warren Gasper
4:15	How-I-Do-It: Office-based Venous Practice – Practical Tips	Polly Kokinos
4:30	Case #5: Venous Upper Extremity	Christopher Owens
4:45	How My Current Algorithm for Venous TOS has Evolved	Jason Lee
5:00 pm	<i>End of Daily Session</i>	

SATURDAY, APRIL 18, 2015

Mini-Symposium on Limb Preservation and Diabetic Foot Wound Healing. Jointly Sponsored by the California Podiatric Medical Association

LIMB SALVAGE SESSION I: CRITICAL LIMB ISCHEMIA

Moderators: Michael Conte and Dennis Bandyk

8:00 am	The BEST-CLI Trial Design, Rationale, and Implications to the Vascular Specialist	Michael Conte
8:15	Debate: An Initial Strategy of Open Bypass is Better for Some CLI Patients, and We can Define Who They are 1. Pre-debate Vote 2. Pro: Michael Conte 3. Con: J.A. Mustapha 4. Post-debate Vote	
9:00	How-I-Do-It: Retrograde Access	J.A. Mustapha
9:15	Atherectomy: Where do We Stand after 12 Years Since FDA Clearance?	John Laird
9:30	<i>Break</i>	

LIMB SALVAGE SESSION II: STAGING AND EVALUATION OF PATIENT AND LIMB

Moderators: Warren Gasper and J.A. Mustapha

10:00	Patient Level Risk Factors and CLI Outcomes	Christopher Owens
10:15	Staging the Neuroischemic Limb: Rutherford, Wlfl, and Other Approaches	Dennis Bandyk
10:30	Vascular Testing in the CLI Patient	Warren Gasper
11:00	Biomechanical Assessment of the Diabetic Foot: When and How to do It	Alexander Reyzelman
11:15	Case-Based Debate: Should I Save This Foot? 1. Pre-debate Vote 2. Pro: Alexander Reyzelman 3. Con: Dane Wukich 4. Post-debate Vote	
11:30 am	<i>Lunch on Own</i>	

LIMB SALVAGE SESSION III: WOUND CARE • Moderators: Alex Reyzelman and Jonathan Labovitz

1:00	Limb Salvage, The Devil is in the Details	Alexander Reyzelman
1:15	Case #6: Extreme-limb Salvage	Alexander Reyzelman
1:30	When is Primary Amputation Better for the Patient?	Dane Wukich
1:45	Advanced Skin Substitutes: Where the Data Exists and Where do They Work?	Jonathan Labovitz
2:00 pm	Closing Remarks	

REFUND POLICY

Cancellations received in writing before the first day of the course will be refunded, less a \$75 administrative fee. No refunds will be made on cancellations received after that date.

CONFERENCE LOCATION

Enjoy San Francisco's renowned attractions such as the historic cable cars, shopping in Union Square, or visit San Francisco's culinary hub at the Ferry Building. **Hotel Nikko San Francisco** is just steps from Union Square and the Theatre District. A block of guestrooms has been reserved at the special UCSF conference rate of **\$249/night**. You are urged to make your reservations early. The cut off date is **March 18, 2015**, or until the group room block is filled. After this date, rooms will be provided on a space-available basis only. If you prefer to phone in your reservation, please identify yourself as a member of this conference to receive the special rate.

To make hotel reservations on-line, go to our website **www.cme.ucsf.edu** and click the hotel reservation link under the *Travel & Lodging* section. By staying at the host hotel, you help UCSF meet its contractual obligations and keep registration fees reasonable. Please take this into consideration when making your accommodation decisions.

RENTAL CAR

Hertz is offering special rates for participants of this conference; simply call (800) 248-3308 and refer to identification number #03BW01XX or call your travel agent. You may also make reservations at www.Hertz.com. Advance reservations are recommended.

AIR TRANSPORTATION

UCSF has negotiated special fares with United Airlines for our course attendees. You may use the following tour codes to book on your own:
United (800) 521-4041 code: ZT8X431751



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Office of CME

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ELECTRONIC SYLLABUS
There will not be a printed
syllabus for this course.

Upcoming CME Courses

Postgraduate Course in Colorectal Surgery

March 6-7, 2015
Marines' Memorial Club and Hotel
San Francisco, CA

Critical Care Medicine and Trauma

May 8-9, 2015
Marriott Union Square
San Francisco, CA

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REGISTER TODAY!

For more information or to register online, visit our website at **www.cme.ucsf.edu**. You may also reach us by calling the Office of Continuing Medical Education at (415) 476-4251 or emailing info@ocme.ucsf.edu.

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Online registration: www.cme.ucsf.edu
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Would you like to be on our priority email list? ☐ Yes ☐ No

Date of birth to be used as OCME registrant number: ____ / ____ / **XX**
Month Day

Please indicate if you have any special needs:

Registration Fees (receipt/confirmation will be mailed within two to four weeks):

- ☐ \$595 Physicians
- ☐ \$450 Northern California Vascular Society Members and CPMA Members
- ☐ \$400 Nurses/Allied Health Professionals/Residents & Fellows

April 18, 2015 • Saturday Only:

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- ☐ \$125 Northern California Vascular Society Members and CPMA Members
- ☐ \$75 Nurses/Allied Health Professionals/Residents and Fellows

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Refund Policy: Cancellations received in writing before the first day of the course will be refunded, less a \$75 administrative fee. No refunds will be made on cancellations received after that date.

Please check our website for up-to-date information on the course: www.cme.ucsf.edu

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