

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

UCSF

# UCSF Vascular Symposium 2018

PARC 55 SAN FRANCISCO, *A Hilton Hotel*  
San Francisco, CA

THURSDAY – SATURDAY

April 19 - 21, 2018

#### COURSE CHAIR

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

#### COURSE CO-CHAIRS

**Charles Eichler, MD**  
Clinical Professor of Surgery  
Division of Vascular and  
Endovascular Surgery  
University of California,  
San Francisco

**Alexander Reyzelman, DPM**  
Associate Physician Diplomate  
Division of Vascular and  
Endovascular Surgery  
University of California,  
San Francisco



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



# UCSF Vascular Symposium 2018

The landscape of vascular disease management continues to evolve with advancing technologies, data from clinical trials, and registries, all within the shifting paradigms of affordable care. How do we continue to offer the best modalities for our patients, practice evidence-based and cost-effective care, and begin to understand population-based disease management?

This year's Vascular Symposium will address the intersection of technology and evidence, probe the algorithms of experts regarding treatment selection, and review the current existing practice guidelines in each disease area. We will again highlight a Mini-Symposium on advanced limb salvage, bringing a multi-disciplinary panel of experts with an interactive program of cases and didactics.

## GREENER MEETING

We're saving paper! The syllabus will be available electronically one week prior to the course.

## OBJECTIVES

Upon completion of this activity an attendee will be able to:

- Improve practice through awareness of the factors and techniques which will reduce failure rates of peripheral vascular interventions;
- Improve diagnosis and treat thoracic and abdominal aortic aneurysms by both open and endovascular techniques;
- Take steps to provide the optimal conditions for the healing of diabetic foot ulcers.

Parc 55 San Francisco,  
A Hilton Hotel  
San Francisco, CA

## 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 **21.50 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.

## Nurses

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.

## Pharmacy

The California Board of Pharmacy accepts as continuing professional education those courses that meet the standard of relevance to pharmacy practice and have been approved for **AMA PRA Category 1 Credit™**.





## COURSE CHAIRS

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Professor of Surgery and Chief,  
Division of Vascular and  
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**Charles Eichler, MD**  
Professor of Surgery  
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Endovascular Surgery

**Alexander Reyzelman, DPM**  
Associate Physician Diplomate  
Division of Vascular and  
Endovascular Surgery

**COURSE FACULTY**  
(University of California,  
San Francisco unless indicated)

**Timothy Chuter, MD**  
Professor of Surgery, Division of  
Vascular and Endovascular Surgery

**Monara Dini, MD**  
Assistant Professor of Orthopaedics,  
Zuckerberg San Francisco General/  
UCSF Orthopaedic Trauma Institute

**Warren Gasper, MD**  
Assistant Professor of Surgery,  
Division of Vascular and  
Endovascular Surgery

**Marlene Grenon, MD**  
Associate Professor of Surgery,  
Division of Vascular and  
Endovascular Surgery

**Jade S. Hiramoto, MD**  
Associate Professor of Surgery,  
Division of Vascular and  
Endovascular Surgery

**Ryan Kohlbrenner, MD**  
Assistant Professor of Interventional  
Radiology, Department of Radiology  
and Biomedical Imaging

**Kanti Koli, MD**  
Assistant Professor of Radiology

**Adam Oskowitz, MD, PhD**  
Assistant Professor of Surgery,  
Division of Vascular and  
Endovascular Surgery

**Joseph H. Rapp, MD**  
Professor Emeritus of Surgery,  
Division of Vascular and  
Endovascular Surgery

**Linda M. Reilly, MD**  
Professor of Surgery, Division of  
Vascular and Endovascular Surgery

**Ahmed Shalabi, MD**  
Assistant Professor of Anesthesia  
Chief of Vascular Anesthesia

**Shant Vartanian, MD**  
Assistant Professor of Surgery,  
Division of Vascular and  
Endovascular Surgery

## VISITING FACULTY

**George Andros, MD, FACS, FRCS**  
Medical Director  
Amputation Prevention Center,  
Valley Presbyterian Hospital  
Van Nuys, CA

**David G. Armstrong, DPM, MD, PhD**  
Professor of Surgery and  
Director, Southern Arizona Limb  
Salvage Alliance (SALSA),  
University of Arizona  
College of Medicine  
Tucson, AZ

**Ehrin J. Armstrong, MD, MSc**  
Associate Professor of Medicine  
University of Colorado; Director,  
Interventional Cardiology,  
Denver VA Medical Center  
Denver, CO

**Ronald M. Fairman, MD**  
The Clyde F. Barker - William Maul  
Measey Professor of Surgery;  
Chief, Division of Vascular Surgery  
and Endovascular Therapy;  
Vice-Chairman for Clinical Affairs,  
Department of Surgery;  
Professor of Surgery in Radiology  
Hospital of the University of  
Pennsylvania  
Philadelphia, PA

**Patrick Geraghty, MD**  
Professor of Surgery and Radiology  
Washington University,  
St. Louis, MO

**Sukgu Han, MD**  
Assistant Professor of  
Clinical Surgery  
Keck School of Medicine  
University of Southern California

**Warren Joseph, DPM**  
Podiatric and Infectious  
Diseases Attending  
Roxborough Memorial Hospital in  
Philadelphia and Coatesville VA  
Medical Center

**John Laird, MD**  
Interventional Cardiologist  
Adventist Healthcare  
St. Helena, CA

**John S. Lane MD**  
Professor of Surgery;  
Acting Chief, Division of Vascular  
and Endovascular Surgery  
University of California, San Diego

**Charmaine E. Lok, MD, MSc,  
FRCP(C)**  
Professor of Medicine,  
University of Toronto  
Medical Director  
Renal Management Clinics and  
Hemodialysis Program  
University Health Network

## VISITING FACULTY (CONT'D)

**Joseph V. Lombardi, MD, FACS**  
Professor & Chief, Division of  
Vascular and Endovascular Surgery,  
Cooper Medical School of  
Rowan University;  
Director, Cooper Aortic Center  
Philadelphia, PA

**Miguel Montero-Baker, MD**  
Associate Professor of Surgery,  
Division of Vascular Surgery  
and Endovascular Therapy  
Baylor College of Medicine  
Houston, TX

**Gregory Piazza, MD, MS**  
Staff Physician, Cardiovascular  
Division, Brigham and  
Women's Hospital  
Assistant Professor of Medicine,  
Harvard Medical School  
Boston, MA

**David Rigberg, MD**  
Clinical Professor of Surgery,  
Division of Vascular Surgery, UCLA,  
David Geffen School of  
Medicine, Los Angeles, CA

**Russell H. Samson MD, FACS, RVT**  
Clinical Professor of Surgery  
(Vascular), Florida State  
University Medical School  
President, Mote Vascular  
Foundation, Inc.; Attending Surgeon,  
Sarasota Vascular Specialists  
Tallahassee, FL

**Rajabrata Sarkar, MD, PhD**  
Professor of Surgery  
Heart and Vascular Surgical  
Services  
University of Maryland  
Baltimore, MD

**Darren B. Schneider, MD**  
Chief of Vascular and  
Endovascular Surgery  
Weill Cornell Medical College  
Director of the Center for Vascular  
and Endovascular Surgery at New  
York-Presbyterian Hospital  
New York, NY

**Peter Schneider, MD**  
Vascular Surgeon  
Kaiser Permanente Hawaii  
Honolulu, HI



faculty

## THURSDAY, APRIL 19, 2018

7:00 am *Registration and Continental Breakfast*

8:00 **Welcome and Introductions** Michael S. Conte, MD

### **ABDOMINAL AORTA** • Moderators: Warren Gasper, MD, and John Lane, MD

8:10 **Current Guidelines for Management of AAA** Warren Gasper, MD

8:30 **Step By Step: How I Do EVAR for Ruptured AAA** Joseph Lombardi, MD

8:50 **What Does the Data Tell Us About Outcomes of EVAR with Challenging Anatomy?** Sukgu Han, MD

9:05 **The Angulated Neck: I Thought I Could Do This Case, But There is an Endoleak – Now What?** John Lane, MD

9:20 **EVAR Under Local/Monitored Anesthesia: Should This Be the Standard of Care?** Ahmed Shalabi, MD

9:30 **Questions**

9:45 *Coffee Break*

### **THORACIC AORTA** • Moderators: Linda Reilly, MD, and Ronald Fairman, MD

10:15 **Current Guidelines for TAA and Aortic Dissections** Darren Schneider, MD

10:35 **New Treatments for TBAD: Petticoats, Sac Embolization, and Coils – Do These Really Help or Just Increase Device Cost?** Joseph Lombardi, MD

10:50 **How to Salvage the Failing TEVAR** Darren Schneider, MD

11:05 **IMH/Penetrating Ulcers/Saccular Aneurysms: How to Manage and When to Intervene** Sukgu Han, MD

11:20 **New Technology for Ascending Aorta and Arch Repair: What's on the Horizon** Timothy Chuter, MD

11:30 **Binkley Visiting Professorship Lecture: TBA** Ronald Fairman, MD

12:00 pm **OPTIONAL WORKING LUNCH: Challenging Aortic Cases**  
*Moderators: Michael Conte, MD and Ronald Fairman, MD*  
*Panel: Timothy Chuter, MD/Sukgu Han, MD/Joseph Lombardi, MD/Darren Schneider, MD*

### **CAROTID AND AV ACCESS** • Moderators: Charles Eichler, MD, and Joseph Rapp, MD

1:30 **Current Guidelines for Treatment of Carotid Artery Disease** John Lane, MD

1:45 **Transcervical Carotid Stenting: Patient Selection, Techniques, and Results** Peter Schneider, MD

1:55 **Asymptomatic Carotid Stenosis: with All of the New Drugs, Do We Need to Operate on These Patients?** Joseph Rapp, MD

2:10 **How I Approach Patients With Both Proximal Common Carotid and Carotid Bifurcation Disease** Peter Schneider, MD

2:25 **Current Guidelines for Hemodialysis Access** Charmaine Lok, MD

2:40 **Current Management Options for Steal Syndrome** John Lane, MD

2:50 **DCB for Fistula Salvage: Where Does It Fit in My Algorithm** Charles Eichler, MD

3:00 **The Lok Score is Accurate: Why Don't We Use It?** Charmaine Lok, MD

3:15 **Questions**

3:25 *Coffee Break*

### **THE VASCULAR PRACTICE IN 2018** • Moderators: Jade Hiramoto, MD, and David Rigberg, MD

3:45 **Free Standing Angio Suites: How to Balance Productivity, Reimbursement, and Conflict of Interest** David Rigberg, MD

4:05 **Radiation Safety: How Can We Reduce Risk?** Ryan Kohlbrenner, MD

4:25 **How to Make Technology Work for Your Vascular Practice and Benefit Your Patients** Charles Eichler, MD

4:40 **Branding your Vascular Practice: Principles of Effective Marketing** Russell Samson, MD

5:00 pm *Adjourn*

program

## FRIDAY, APRIL 20, 2018

7:30 am *Registration and Continental Breakfast*

### CLAUDICATION PART I • Moderators: Marlene Grenon, MD and Ehrin Armstrong, MD

8:00	<b>Guidelines for Treatment of Claudication</b>	Patrick Geraghty, MD
8:20	<b>Supervised Exercise Therapy: How to Start a Program</b>	Marlene Grenon, MD
8:40	<b>Medical Treatment For Claudication: What Works and What's on The Horizon?</b>	Ehrin Armstrong, MD
9:00	<b>Vascular Imaging in The Claudicant: Are we Doing too Many Tests and Does this Promote Invasive Treatment?</b>	Rajabrata Sarkar, MD
9:20	<b>Questions</b>	
9:45	<i>Coffee Break</i>	

### CLAUDICATION PART II • Moderators: Shant Vartanian, MD and David Rigberg, MD

10:00	<b>Endovascular Treatment of Aortoiliac Occlusive Disease: What's in My Toolbox in 2018</b>	Jade Hiramoto, MD
10:15	<b>Surgical Treatment of AIOD in 2018: Who Gets It?</b>	David Rigberg, MD
10:30	<b>Debate: This is My Approach to Treatment of the Claudicant with Femoral-Popliteal Disease</b> <b>We Are Doing Too Much Interventions</b> <b>We Are Undertreating People with Disability</b>	Russell Samson, MD Peter Schneider, MD
11:00	<b>Popliteal/Tibial Interventions: Is It ever Appropriate for Claudication?</b>	Miguel Montero-Baker, MD
11:20	<b>Re-Intervention for Claudication: Is This Effective or a Slippery Slope?</b>	Patrick Geraghty, MD
11:40	<b>Questions</b>	
12:00 pm	<b>OPTIONAL WORKING LUNCH: Challenging Claudication Cases</b> <i>Moderator: Patrick Geraghty, MD/Rajabrata Sarkar, MD, PhD</i> <i>Panel: David Rigberg, MD /Russell Samson, MD /Peter Schneider, MD/Shant Vartanian, MD</i>	

### VENOUS DISEASE • Adam Oskowitz, MD, PhD and Rajabrata Sarkar, MD, PhD

1:15	<b>Current Guidelines for the Treatment of Acute DVT</b>	Rajabrata Sarkar, MD, PhD
1:30	<b>Debate: Acute DVT: We Can Expand Our Indications to Treat More Patients with the New Thrombectomy Devices</b> <b>Pro</b> <b>Con</b>	Kanti Kolli, MD Gregory Piazza, MD
1:50	<b>How Do We Evaluate and When Do We Treat Iliac Venous Disease?</b>	Adam Oskowitz, MD, PhD
2:10	<b>With All the New Drugs, This is How I Treat Acute DVT and Superficial Phlebitis</b>	Gregory Piazza, MD
2:30	<b>Clinical Scenarios in Venous Disease: Consults for the Panel</b> <i>Moderator: Charles Eichler, MD</i> <i>Panel: Kanti Kolli, MD/Adam Oskowitz, MD, PhD/Gregory Piazza, MD/Rajabrata Sarkar, MD, PhD</i>	
3:00	<i>Coffee Break</i>	

### HANDS-ON WORKSHOPS

3:15	<b>1. Closure Devices</b> <b>2. Retrograde Access</b> <b>3. Varicose Vein Rx</b>	Warren Gasper, MD Miguel Montero-Baker, MD David Rigberg, MD/ Shant Vartanian, MD
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5:00 pm *Course Reception*



## SATURDAY, APRIL 21, 2018

7:30 am *Registration and Continental Breakfast*

### LIMB SALVAGE MINI-SYMPOSIUM

8:00 **Limb Salvage Mini-Symposium Welcome and Introductions** Michael S. Conte, MD

**CRITICAL LIMB ISCHEMIA/LIMB SALVAGE I** • Moderator: Monara Dini, DPM and Warren Joseph, DPM

8:10 **Global Guidelines for the Treatment of Limb Threatening Ischemia** Michael S. Conte, MD

8:30 **Can This Foot be Saved? Will It be Functional?** Monara Dini, DPM  
Alexander Reyzelman, DPM

8:50 **Wound Management in the Diabetic Foot: What Products Are Most Effective?** David Armstrong, DPM, MD, PhD

9:10 **Measurement of Perfusion: Current Limitations and Novel Technologies** Miguel Montero-Baker, MD

9:30 **Understanding Angiosomes in Limb Salvage: How I Use It to Define Treatment** Shant Vartanian, MD

9:45 **Antibiotics for the Treatment of Osteomyelitis** Warren Joseph, DPM

10:00 *Break*

**LIMB SALVAGE II** • Joseph Rapp, MD, and George Andros, MD

10:15 **Open Bypass for Limb Salvage: What are the Options When There is No Saphenous Vein** Russell Samson, MD

10:35 **This is My Approach to the Rx of BTK Disease for CLI** Shant Vartanian, MD

10:55 **Debate: Atherectomy  
A Key Component of My Treatment of Patients with CLI  
A Waste of Time and Money** John Laird, MD  
Patrick Geraghty, MD

11:20 **Limb Salvage Mini-Symposium Keynote Address:  
Global Guidelines for the Treatment of Diabetic Foot Infection** Warren Joseph, DPM

11:50 **Questions**

12:00 pm **OPTIONAL WORKING LUNCH: Challenging Limb Salvage/Wound Healing Cases**  
Moderators: George Andros, MD/Alexander Reyzelman, DPM  
Panel: David Armstrong, DPM, MD, PhD/Michael Conte, MD/John Laird, MD/  
Miguel Montero-Baker, MD

**LIMB SALVAGE III** • Michael Conte, MD, and Alexander Reyzelman, DPM

1:00 **Foot Surgery and Revascularization: Optimizing the Sequence and Timing** David Armstrong, DPM, MD, PhD

1:20 **Inframalleolar Disease: When and How to Intervene – Does It Really Work?** John Laird, MD

1:40 **CLI Team: Does It Improve Outcomes or Streamline Care?** Ehrin Armstrong, MD

2:00 **CLI Team: the UCSF Experience** Alexander Reyzelman, DPM

2:15 **Questions**

2:30 pm *Adjourn*





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**REGISTER TODAY!**

For more information or to register online visit our website at [cme.ucsf.edu](http://cme.ucsf.edu)  
You may also reach us by calling the Office of CME at (415) 476-4251 or emailing: [info@ocme.ucsf.edu](mailto:info@ocme.ucsf.edu).



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Office of Continuing Medical Education  
3333 California Street  
Suite 450  
San Francisco, CA  
94143-0742  
**MSU18003**

**GENERAL INFORMATION**

Advance registration closes at 10am on April 18, 2018

**HOW TO ENROLL**

<b>Tuition*:</b>	<b>\$650</b>	Practicing Physicians
	<b>\$525</b>	Northern California Vascular Society Members
	<b>\$525</b>	CPMA Members
	<b>\$425</b>	Nurses/ Pharmacists/Allied Health Professionals/Residents/Fellows
	<b>\$1000</b>	Industry
<b>April 21, 2018</b>	<b>MINI-SYMPOSIUM ONLY</b>	
	<b>\$175</b>	Practicing Physicians
	<b>\$150</b>	Northern California Vascular Society Members and CPMA Members
	<b>\$100</b>	Nurses/Allied Health Professionals/ Non-UCSF Residents & Fellows

**GREENER MEETING**

**We're saving paper! The syllabus will be available electronically one week prior to the course.**

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

**REGISTER VIA:**

**Online:** [cme.ucsf.edu](http://cme.ucsf.edu)

**Mail:** Complete course registration form and send with payment to:  
UCSF Office of CME  
P.O. Box 45368  
San Francisco, CA 94143-0368

**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: [cme.ucsf.edu](http://cme.ucsf.edu)

**On-Site Registration:** Generally we are able to accommodate on-site registration at our courses however pre-registration is preferred to ensure that we are prepared for your attendance.

**REFUND POLICY**

Cancellations received in writing before **April 16, 2018** 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.

**Parc 55 San Francisco, A Hilton Hotel** is just steps from Union Square and the Theatre District.

A block of guestrooms has been reserved at the special UCSF conference rate of **\$299/night**. You are urged to make your reservations early. The cut off date is **March 28, 2018**, or until the group room block is filled. After this date, rooms will be provided on a space-available basis only. To make hotel reservations go to [cme.ucsf.edu](http://cme.ucsf.edu) and click on the hotel link in the Travel & Lodging section of the course webpage.

*By staying at the host hotel, you help UCSF meet its contractual obligations and keep registration fees reasonable.*

**AIR TRANSPORTATION AND RENTAL CAR**

UCSF has negotiated special fares with airlines and car rental agencies. Please visit the TRAVEL AND LODGING section on the course webpage at [cme.ucsf.edu](http://cme.ucsf.edu) for more information and discount codes.

general info

# UCSF VASCULAR SYMPOSIUM 2018

MSU18003

April 19-21, 2018

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Mail to : UCSF Office of CME  
 P.O. Box 45368  
 San Francisco, CA 94145-0368  
 Fax: (415) 502-1795

Online registration: [cme.ucsf.edu](http://cme.ucsf.edu)  
 Registration Information: (415) 476-5808  
 Course Information: (415) 476-4251

Dr.  Mr.  Mrs.  Ms.

Last Name	First	M.I.
Degree		Specialty
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City	State	Zip
Daytime Phone		Fax
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Address Label Code Letter (see address label: example, A, B, C, D, etc.) \_\_\_\_\_

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

- \$650** Physicians
- \$525** Northern California Vascular Society Members
- \$525** CPMA Members
- \$425** Nurses/Allied Health Professionals/Residents/Fellows
- \$1000** Industry

### April 21, 2018 • LIMB SALVAGE MINI-SYMPOSIUM ONLY

- \$175** Practicing Physicians
- \$150** Northern California Vascular Society Members and CPMA Members
- \$100** Nurses/Allied Health Professionals/Residents/Fellows

### OPTIONAL WORKING LUNCHES

Please confirm below so we may plan for the appropriate number of people

I will attend the following optional lunches  I will not attend

- Thursday, April 19**
- Friday, April 20**
- Saturday, April 21**

Make checks payable to *UC Regents*

Please charge my credit card:  Visa  MasterCard  AmEx for \$ \_\_\_\_\_

Card # \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_  
 Expiration date

Name on Card (Please Print) \_\_\_\_\_ Authorized Signature \_\_\_\_\_

Refund Policy: Cancellations received in writing before April 16, 2018 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: [cme.ucsf.edu](http://cme.ucsf.edu)

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