



**Penn Medicine**

Continuing Medical and  
Interprofessional Education

**IN-PERSON AND VIRTUAL**

# PENN ADVANCED LIMB PRESERVATION SYMPOSIUM 2023

CME/CE-CERTIFIED CONFERENCE

**Friday & Saturday  
June 2-3, 2023**

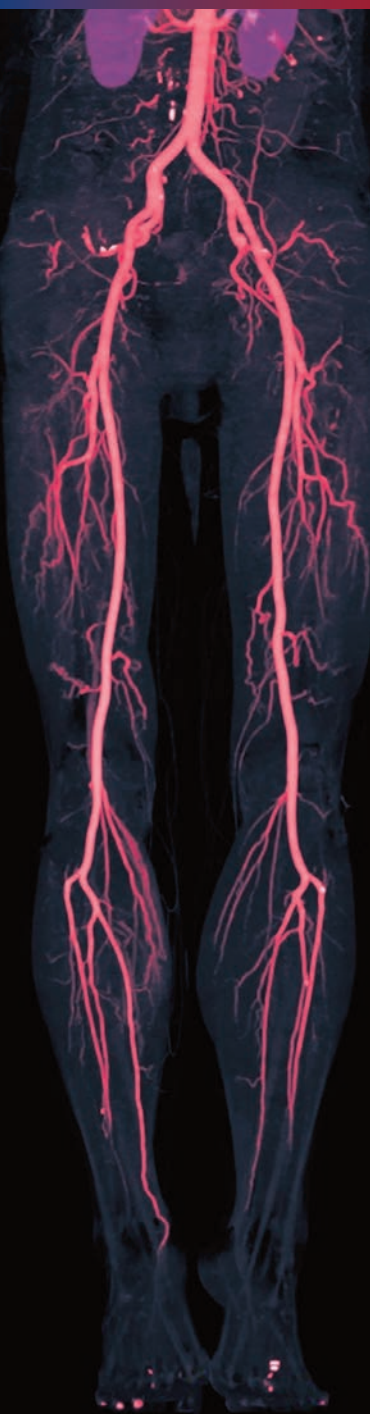
**In-Person Meeting Location**

Law Auditorium at the  
Jordan Medical Education Center  
3400 Civic Center Blvd, 5th Floor  
Philadelphia, PA 19104

<https://upenn.cloud-cme.com/PALP2023>

# PENN ADVANCED LIMB PRESERVATION SYMPOSIUM 2023

Friday & Saturday  
June 2-3, 2023



## PROGRAM OVERVIEW & TARGET AUDIENCE

The *Penn Advanced Limb Preservation Symposium 2023* will include lectures from national experts on topics relevant to the care of patients with critical limb ischemia. The conference includes topics such as advanced endovascular techniques, cutting edge approaches in soft tissue and bony reconstruction, and best practices in nonoperative care. This day and a half conference features lectures as well as case-based education, and cross-specialty discussions about the optimal approach to specific problems.

This course has been designed for vascular surgeons, cardiovascular specialists, orthopaedic surgeons, radiologists, podiatrists, plastic surgeons, nurse practitioners, physician assistants, nurses, fellows, residents and other health care professionals with an interest in limb preservation.

The course features a joint session, followed by parallel tracks: one session focused on bony and soft tissue reconstruction and treatment alongside another session about revascularization.

### LEARNING OBJECTIVES

Upon completion of this activity, physicians and health care providers will be able to:

- Identify and evaluate patients with diabetes and PAD who are at risk for amputation.
- Review the current indications, risks, complications, and outcomes of medical, endovascular, surgical, and wound care therapies for the treatment of CLTI and DFU.
- Discuss the available techniques for lower extremity revascularization
- List the available medical, surgical, and wound care techniques for treatment of ischemic and diabetic foot wounds and infections.
- Discuss how to incorporate advanced medical, endovascular, and surgical techniques and approaches into their own practices to improve care and outcomes of patients with DFU and CLTI

### HOSTING DEPARTMENT

*Penn Advanced Limb Preservation Symposium 2023* is hosted by the Division of Vascular Surgery at Penn Medicine.

### ACCREDITATION



JOINTLY ACCREDITED PROVIDER™  
INTERPROFESSIONAL CONTINUING EDUCATION

In support of improving patient care, Penn Medicine is jointly accredited by the Accreditation 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.

### DESIGNATION OF CREDIT

**Credit by Day:** Friday, June 2 - 5.25, Saturday, June 3 - 2.75, Total: 8.0

**Physicians:** Penn Medicine designates this live activity for a maximum of 8.0 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

**Nurses:** This program provides 8.0 NCPD hours.

**Physician Assistants:** Penn Medicine has been authorized by the American Academy of PAs (AAPA) to award *AAPA Category 1 CME credit* for activities planned in accordance with AAPA CME Criteria. This activity is designated for 8.0 AAPA Category 1 CME credits. PAs should only claim credit commensurate with the extent of their participation.

**Pharmacists:** This knowledge-based activity is approved for 8.0 ACPE contact hours of continuing pharmacy education credit. JA0000324-0000-23-025-L04-P.

**Podiatrists:** This activity has been planned and implemented in accordance with the standards and requirements for approval of providers of continuing education in podiatric medicine through a joint provider agreement between Goldfarb Foundation and the Office of Continuing Medical and Interprofessional Education at Penn Medicine. Goldfarb Foundation is approved by the Council on Podiatric Medical Education as a provider of continuing education in podiatric medicine. Goldfarb Foundation has approved this activity for a maximum of **8.0** continuing education contact hours.

**Certificates and Transcripts:** After the conference has concluded, all participants will receive a follow-up email with instructions and a link with instructions on how to claim their credit. Once participants submit the request for credit, the earned credits will be available for viewing on your transcript or available for printing at <https://upenn.cloud-cme.com>. Please note that the individual certificate will not be mailed.

## LIVE AND VIRTUAL PRESENTATIONS

*Penn Advanced Limb Preservation Symposium 2023* will be held Friday and Saturday, June 2-3, 2023 by in-person or live-stream (virtual) attendance. The live and virtual presentations will follow the scheduled agenda in real time (EDT).

### TO ATTEND IN-PERSON:

#### Meeting Location

Law Auditorium at the Jordan Medical Education Center  
3400 Civic Center Blvd, 5th Floor, Philadelphia, PA 19104

#### Parking

Monday – Friday parking is available at 3400 Civic Center Blvd. Saturday Only parking is available in the Perelman Center parking garage. The cost for parking is \$20 per day at either garage and is not reimbursed or validated by the conference.

### TO ATTEND BY LIVE-STREAM (VIRTUAL):

Attendees who are registered to attend virtually will receive an email including the link to join the symposium 48 hours in advance. All virtual attendees will be required to sign into the meeting using your first name, last name and email address in order to be marked as attended and receive credit, if applicable.

### IN-PERSON AND LIVE-STREAM REGISTRATION FEES:

Please register online at

<https://upenn.cloud-cme.com/PALP2023>.

The fees to attend are as follows: \$150 for physicians and industry attendees, \$50 for nurse practitioners and physician assistants, and complimentary for residents, fellows and students.

There is no fee for Penn Medicine staff to attend.

### IN-PERSON ATTENDANCE:

All pre-registered, in-person attendees will receive access to the conference, attendee booklet, continental breakfast, lunch and breaks. Registration also includes access to view the presentations online for one year. Due to Public Health guidance, walk-ins are discouraged. Please be sure to register in advance.

### LIVE-STREAM (VIRTUAL) ATTENDANCE:

All pre-registered virtual attendees will receive an email that includes a link with instructions to sign-in and join the virtual conference 48 hours preceding the symposium, as well as the attendee booklet (downloadable PDF). Registration also includes access to view the presentations online for one year.

### Need to Register by Mail?

**Please note:** mailed registrations may take more than 5-10 business days before they are received because we continue to experience longer delays in receiving mail. We encourage all attendees to register online. See the registration form for mailing instructions. All registrations will be confirmed by email as long as your registration is received before May 31, 2023.

BE SURE TO CHECK YOUR SPAM BOX FOR EMAILS REGARDING THIS CONFERENCE.

### CANCELLATION POLICY

In order to process refunds for course withdrawals, cancellations must be received in writing by May 19, 2023 (subject to a service charge equivalent to 10% of the registration fee, but no less than \$25.00). No refunds will be issued thereafter.

The University reserves the right to cancel or postpone any course due to unforeseen circumstances. In the event of cancellation or postponement, the University will refund registration fees but is not responsible for related costs or expenses to participants, including cancellation fees assessed by hotels, airlines, and travel agencies.

### OVERNIGHT ACCOMMODATIONS OPTION

#### The Study Hotel

20 S 33rd St, Philadelphia, PA 19104  
**215-387-1400**

### POSTER COMPETITION

We invite trainees of all backgrounds to submit abstracts for our poster competition. These should be either original research studies or cases within the realm of critical limb ischemia demonstrating creative and cutting edge approaches to limb salvage. Multidisciplinary efforts will be given preference.

Posters will be displayed on Friday during the reception. The overall best poster will be selected by conference attendees.

Word limit for the abstract is 300 words or 1,000 characters. Upload your abstract submission by visiting <https://upenn.cloud-cme.com/PALP2023> and clicking on the abstract tab. The deadline for all submissions is **Friday, May 5, 2023**. You will be notified by email by Friday, May 12 if your abstract has been accepted.

We request that posters are a max size of 44" tall x 44" wide. Posters will be displayed on Friday during the reception. The overall best poster will be selected by conference attendees. Posters can be clinical cases or research studies. The top posters will be selected for presentation on Saturday morning.

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**SERVICES FOR THE DISABLED** If special arrangements are required for an individual with a disability to participate in this meeting, please contact the Office of Continuing Medical and Interprofessional Education no later than May 31, 2023, at 215-898-6400.

**NONDISCRIMINATION STATEMENT** The University of Pennsylvania values diversity and seeks talented students, faculty, and staff from diverse backgrounds. The University of Pennsylvania does not discriminate on the basis of race, sex, sexual orientation, gender identity, religion, color, national or ethnic origin, age, disability, or status as a Vietnam Era Veteran or disabled veteran in the administration of educational policies, programs or activities; admissions policies; scholarship and loan awards; athletic, or other University administered programs or employment. Questions or complaints regarding this policy should be directed to Executive Director, Office of Affirmative Action and Equal Opportunity Programs, 3600 Chestnut Street, Sansom Place East Suite 228, Philadelphia, PA 19104-6106 or 215-898-6993 (Voice) or 215-898-7803 (TDD). [www.upenn.edu/affirm-action](http://www.upenn.edu/affirm-action).



# FACULTY

## COURSE DIRECTORS

### **Julia Glaser, MD**

Assistant Professor of Clinical Surgery  
Division of Vascular Surgery and  
Endovascular Therapy  
Director, Penn Advanced Limb Preservation

### **Casey Humbyrd, MD**

Chief, Foot and Ankle Division  
Director, Program in Surgical Ethics  
Associate Professor of Orthopaedic Surgery  
Associate Professor of Medical Ethics  
and Health Policy

### **Darren Schneider, MD**

Clyde F. Barker – William Maul Measey  
Professor of Surgery  
Chief of Vascular Surgery and  
Endovascular Therapy

## GUEST SPEAKERS

### **Shipra Arya, MD**

Professor of Surgery  
Vascular Surgery Section Chief  
Stanford University School of Medicine  
Palo Alto, VA

### **Faisal Aziz, MD**

Chief, Division of Vascular Surgery  
Program Director, Integrated Vascular Surgery  
Residency Program  
Penn State Health  
Hershey, PA

### **William Beckerman, MD**

Assistant Professor of Surgery  
Program Director, Vascular Surgery Integrated  
Residency Program  
Medical Co-Director, Robert Wood Johnson  
Center for Wound Healing  
Robert Wood Johnson Medical Center  
New Brunswick, NJ

### **Venita Chandra, MD**

Clinical Professor of Surgery  
and Vascular Surgery  
Clinical Professor of Neurosurgery  
Stanford University School of Medicine  
Stanford, CA

### **Brian DeRubertis, MD, FACS**

Chief, Division of Vascular & Endovascular Surgery  
New York-Presbyterian and  
Weill Cornell Medicine  
New York, NY

## COURSE CO-DIRECTORS

### **Nathan Belkin, MD**

Assistant Professor of Clinical Surgery

### **Shang Loh, MD**

Professor of Clinical Surgery  
Chief, Vascular Surgery and Endovascular Therapy  
Penn Presbyterian Medical Center

### **William Gray, MD**

Professor, Lankenau Institute for  
Medical Research  
System Chief, Division of Cardiovascular Diseases  
Main Line Health  
Philadelphia, PA

### **Caitlin Hicks, MD**

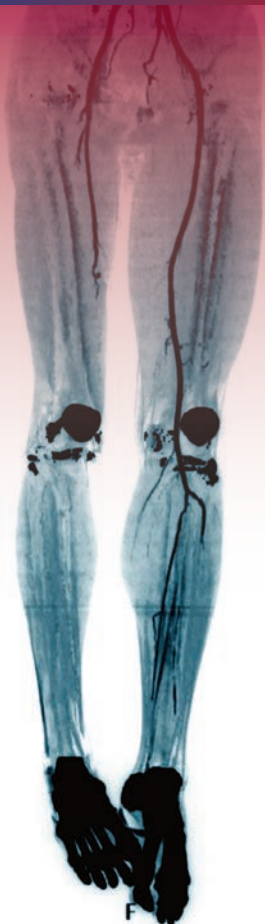
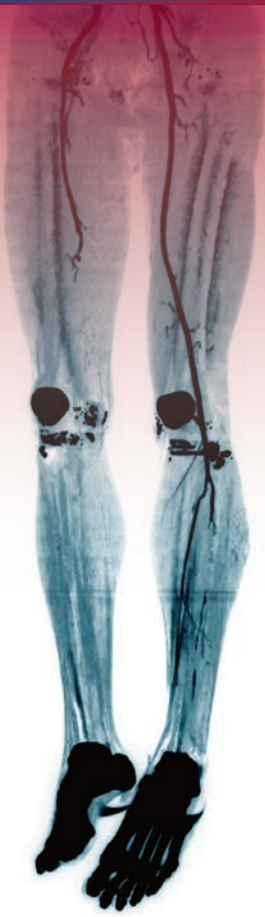
Associate Professor of Surgery  
Associate Fellowship Program Director,  
Vascular Surgery & Endovascular Therapy  
Director of Research, Multidisciplinary  
Diabetic Foot and Wound Service  
Associate Director, Limb Preservation  
and Wound Care Fellowship  
Johns Hopkins University  
Baltimore, MD

### **Matthew Menard, MD**

Associate Professor  
Co-Director, Endovascular Surgery  
Program Director, Vascular and  
Endovascular Surgical Fellowship  
Harvard Medical School  
Boston, MA

### **Ronald Renzi, DPM**

Founder, Save Your Soles Podiatry  
Director, Save Your Soles Campaign  
Abington, PA



## **PENN MEDICINE SPEAKERS**

### **Mark Binkley, MD**

Assistant Professor of  
Clinical Emergency Medicine

### **Lorraine Boakye, MD**

Assistant Professor of Orthopaedic Surgery  
Director of Clinical Research, Foot  
& Ankle Division

### **William Brownell, III, MA, DPM, AACFAS**

Clinical Assistant Professor of Surgery

### **Keith Calligaro, MD**

Clinical Professor of Surgery  
Chief, Vascular Surgery and  
Endovascular Therapy  
Program Director of  
Vascular Surgery Fellowship  
Penn Medicine Pennsylvania Hospital

### **Wen Chao, MD**

Division of Foot and Ankle Surgery  
Department of Orthopedics  
University of Pennsylvania

### **Brett Chatman, DPM**

Assistant Professor of Clinical Surgery

### **Timothy Clark, MD**

Professor of Clinical Radiology  
Director of Interventional Radiology at Penn  
Presbyterian Medical Center

### **Matthew Dougherty, MD**

Clinical Professor of Surgery  
Pennsylvania Hospital

### **Michael S. Downey, DPM, MSCE**

Chief, Division of Podiatric Surgery  
Penn Presbyterian Medical Center

### **Alexander S. Fairman, MD**

Assistant Professor of Surgery

### **Alexander C. Fanaroff, MD**

Assistant Professor of Medicine

### **Daniel Farber, MD**

Associate Professor of  
Clinical Orthopaedic Surgery  
Orthopaedic Residency Program Director  
Vice Chair for Education

### **Robert Fenning, MD**

Assistant Professor of Clinical Medicine

### **Zachary Gaskill, MD**

Hyperbaric Medicine, Wound Care  
Division of Emergency Medicine

### **Elizabeth Genovese, MD**

Assistant Professor of Clinical Surgery

### **Chris Gorrell, PT, DPT**

Physical Therapist

### **Casey Humbyrd, MD, MBE**

Associate Professor of Orthopaedic Surgery  
Associate Professor of Medical Ethics and  
Health Policy  
Chief, Foot and Ankle Division  
Director, Program in Surgical Ethics  
Pennsylvania Hospital

### **Venkat Kalapatapu, MD**

Professor of Clinical Surgery  
Residency and Fellowship Program  
Director, Vascular Surgery and  
Endovascular Therapy

### **Hye Kim, DPM, AACFAS**

Attending Podiatrist  
Penn Presbyterian Medical Center

### **Stephen Kovach, MD**

Herndon B. Lehr, MD Endowed  
Associate Professor in Plastic Surgery  
Associate Professor of Orthopaedic Surgery  
Co-Director of Penn Hernia Center  
Member and Co-director of the  
Penn Orthoplastic Limb Salvage Center

### **David Lambert, MD**

Associate Professor of  
Clinical Emergency Medicine  
Chief, Division of Hyperbaric and  
Undersea Medicine

### **Raymond Lamore, PharmD, BCCCP**

Clinical Pharmacy Specialist, Critical Care  
PGY-2 Critical Care Pharmacy  
Program Director  
Penn Presbyterian Medical Center

### **L. Scott Levin, MD, FACS**

Paul B. Magnuson Professor of  
Bone and Joint Surgery  
Chair, Department of Orthopaedic Surgery  
Co-Director, Penn Nerve Center

### **Shang Loh, MD**

Professor of Clinical Surgery  
Chief, Vascular Surgery and  
Endovascular Therapy  
Penn Presbyterian Medical Center

### **Christine Malloy, RN**

Transitions Coordinator, Vascular Surgery

### **Bobby Ndu, MD**

Assistant Professor of  
Clinical Orthopaedic Surgery  
Orthopaedic Foot and Ankle  
Fellowship Director

### **Nicholas J. Perfetti, DPM**

Podiatry Research Fellow  
Penn Medicine Presbyterian Medical Center

### **Russell Rosenberg, MD**

Clinical Assistant Professor of Medicine  
Division of Cardiology  
Penn Presbyterian Medical Center

### **Naasha Talaati, MD**

Assistant Hospital Epidemiologist  
Associate Professor, Clinical Medicine  
Director, Antimicrobial Stewardship  
Penn Presbyterian Medical Center

### **Arthur Topoulos, MD**

Director, Peripheral Vascular  
Interventions/Endovascular  
Therapy Division  
Penn Presbyterian Medical Center

### **Douglas Troutman, DO**

Clinical Assistant Professor of Surgery  
Pennsylvania Hospital

### **Elizabeth Valentine, MD**

Associate Professor of  
Clinical Anesthesiology and Critical Care  
Chief, Anesthesia for Vascular Surgery  
and Endovascular Therapy

### **Ansar Vance, MD**

Assistant Professor of Clinical Radiology

### **Aron Wahrman, MD, MBA, MHCDS**

Clinical Associate Professor of Surgery  
Section Chief, Plastic Surgery  
Michael J. Crescenz Philadelphia Veterans  
Administration Medical Center  
Division Chief, Plastic Surgery  
Chestnut Hill Hospital

### **Grace Wang, MD**

Associate Professor of Surgery  
Director, Vascular Laboratory

### **Keith Wapner, MD**

Clinical Professor of Orthopaedic Surgery  
Emeritus Chief, Foot and Ankle

### **Jason Wink, MD**

Assistant Professor of Clinical Surgery  
Division of Plastic Surgery

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## **DISCLOSURES**

Penn Medicine, Office of Continuing Medical and Interprofessional Education, adheres to the *ACCME Standards for Integrity and Independence in Accredited Continuing Education*. Faculty disclosure information will be made available in the conference materials and syllabi. Faculty members are also expected to disclose products or devices within to participants any discussions of off-label and/or investigational uses of pharmaceutical products or devices within their presentations.



## PENN ADVANCED LIMB PRESERVATION SYMPOSIUM 2023

### AGENDA | FRIDAY, JUNE 2, 2023

- 8:30 AM – 9:00 AM **In-Person Registration and Continental Breakfast**
- 8:45 AM – 9:00 AM **Virtual Attendee Sign-in**  
(Broadcast goes live at 8:00 am)
- 9:00 AM – 9:15 AM **Welcome Address and Overview**  
*Julia Glaser, MD*

#### SESSION 1

##### **CLTI and DFU – Epidemiology – Who, What When, Where and Why...**

Moderators: *Venita Chandra, MD and Faisal Aziz, MD*

- 9:15 AM – 9:25 AM **Overview of Epidemiology – Populations at Risk**  
*Shipra Arya, MD*
- 9:25 AM – 9:35 AM **The Cost of Amputation**  
*Caitlin Hicks, MD*
- 9:35 AM – 9:45 AM **The Basics of a Multidisciplinary Approach**  
*Julia Glaser, MD*
- 9:45 AM – 9:55 AM **Anatomy and History of Turf Battles in CLTI**  
*Matthew Menard, MD*
- 9:55 AM – 10:05 AM **Seasonal Variation in Lower Extremity Amputation**  
*Hye Kim, DPM*
- 10:05 AM – 10:15 AM **The Role of Patient Awareness and Outreach Programs**  
*Ronald Renzi, DPM*
- 10:15 AM – 10:25 AM **Role of a Nurse Navigator in CLTI**  
*Christine Malloy, RN*
- 10:25 AM – 11:00 AM Break and Exhibits

#### SESSION 2

##### **First Steps in Limb Preservation**

Moderators: *Venkat Kalapatapu, MD and William Gray, MD*

- 11:00 AM – 11:10 AM **Wifi for Classification – Why Use it?**  
*Faisal Aziz, MD*
- 11:10 AM – 11:20 AM **Perfusion Assessment: Vascular Evaluation of the Foot Wound**  
*Arthur Topoulos, MD*
- 11:20 AM – 11:30 AM **Role of Antiplatelet Agents and NOACs in CLTI**  
*Russell Rosenberg, MD*
- 11:30 AM – 11:40 AM **Optimizing Lipid Management: From Statins to PCSK9s**  
*Raymond Lamore, PharmD, BCCCP*
- 11:40 AM – 11:50 AM **Anesthesia Considerations in CLTI:  
Thoughts From the Other Side of the Curtain**  
*Elizabeth Valentine, MD*
- 11:50 AM – 12:00 PM **Best Practices for Antibiotics in Foot Wounds**  
*Naasha Talaati, MD*
- 12:00 PM – 1:35 PM Lunch

#### SESSION 3

##### **General Issues in the Management of DFU and Vascular Foot Wounds**

Moderators: *Darren Schneider, MD and Caitlin Hicks, MD*

- 1:35 PM – 1:45 PM **Constructing a Wound Care Center**  
*Venita Chandra, MD*
- 1:45 PM – 1:55 PM **Frailty and Decision Making Around Surgery for CLTI**  
*Shipra Arya, MD*

## AGENDA | FRIDAY, JUNE 2, 2023

- 1:55 PM – 2:05 PM **BEST-CLI Update**  
*Matthew Menard, MD*
- 2:05 PM – 2:15 PM **The Impact of Disparities on Development of CTLI**  
*Alexander C. Fanaroff, MD*
- 2:15 PM – 2:25 PM **Alterations in Walking Mechanics with Major and Minor Amputations**  
*Chris Gorrell, PT, DPT*
- 2:25 PM – 2:35 PM **Wound Dressing: Does it Matter What We Put on the Wound?**  
*Nicholas Perfetti, DPM*

\*5 mins allotted here for travel to breakouts

### CONCURRENT SESSIONS

#### SESSION 4

##### Deep Dives – Forefoot and Toes

Moderators: *Ronald Renzi, DPM and Zachary Gaskill, MD*

- 2:40 PM – 2:50 PM **Refining Transmetatarsal Amputation: The Need for Tendon Balancing**  
*Michael Downey, DPM, MSCE*
- 2:50 PM – 3:00 PM **Management of Fifth Metatarsal Osteomyelitis**  
*William Brownell, DPM*
- 3:00 PM – 3:10 PM **Emergent Diabetic Foot Infection**  
*Michael Downey, DPM, MSCE*
- 3:10 PM – 3:20 PM **Failure to Heal After Amputation for Neuropathic Foot Ulcer**  
*Hye Kim, DPM*
- 3:20 PM – 3:30 PM **Cost of Hospitalization for Proximal Lower Extremity Amputation vs. Charcot Foot Reconstruction**  
*Hye Kim, DPM*
- 3:30 PM – 3:40 PM **Understanding Goals, Expectations and Potential Outcomes of Charcot Surgery**  
*Michael Downey, DPM, MSCE*
- 3:40 PM – 4:10 PM Break for Exhibits and Poster Viewing

### CONCURRENT SESSIONS

#### SESSION 6

##### Deep Dives – Wound Care

Moderators: *Michael Downey, DPM, MSCE and TBD*

- 4:10 PM – 4:20 PM **No Right Answer: How to Tackle Combined Venous and Arterial Wounds**  
*Mark Binkley, MD*
- 4:20 PM – 4:30 PM **Definitive Data: Hyperbaric Oxygen**  
*David Lambert, MD*
- 4:30 PM – 4:40 PM **How I Do It: Adjunctive Therapies for Refractory Wounds**  
*Zachary Gaskill, MD*
- 4:40 AM – 4:50 PM **PRP: Magic Liquid or Fairy Dust**  
*Michael S. Downey, DPM, MSCE*
- 4:50 PM – 5:00 PM **The Skinny on Skin Substitutes**  
*Aron Wahrman, MD*

#### SESSION 5

##### Deep Dives – Common Femoral and SFA

Moderators: *Brian DeRubertis, MD, FACS and Arthur Topoulos, MD*

- 2:40 PM – 2:50 PM **Role of Vessel Prep**  
*Grace Wang, MD*
- 2:50 PM – 3:00 PM **Definitive Data: DCB and DES in the SFA**  
*William Gray, MD*
- 3:00 PM – 3:10 PM **How I Do It: Techniques for SFA CTOs**  
*Darren Schneider, MD*
- 3:10 PM – 3:20 PM **Viabahn in the SFA – As Good as Gore's Data?**  
*Shang Loh, MD*
- 3:20 PM – 3:40 PM **Debate: Is There a Role for Endovascular Treatment of the Common Femoral Artery**  
*Featuring Timothy Clark, MD and Keith Calligaro, MD*
- 3:40 PM – 4:10 PM Break for Exhibits and Poster Viewing

#### SESSION 7

##### Deep Dives – Tibials

Moderators: *Robert Fenning, MD and Grace Wang, MD*

- 4:10 PM – 4:20 PM **Risk Factors and Fate of the Patients With Tibial Disease**  
*Julia Glaser, MD*
- 4:20 PM – 4:30 PM **Evidence Free Zone: Stents in the Tibial Vessels**  
*Elizabeth Genovese, MD*
- 4:30 PM – 4:40 PM **Pedal Loop Revascularization**  
*Timothy Clark, MD*
- 4:40 PM – 4:50 PM **Future of Medicine: Deep Venous Arterialization**  
*Ansar Vance, MD*
- 4:50 PM – 5:00 PM **Debate: Primary Bypass is the Way to go for Isolated Tibial Disease Versus Endovascular Treatment**  
*Featuring Matthew Menard, MD and William Gray, MD*



## PENN ADVANCED LIMB PRESERVATION SYMPOSIUM 2023

### AGENDA | SATURDAY, JUNE 3, 2023

- 7:30 AM – 8:00 AM **In-Person Registration and Continental Breakfast**
- 7:45 AM – 8:00 AM **Virtual Attendee Sign-in**  
(Broadcast goes live at 8:00 am)
- 8:00 AM – 8:10 AM **Welcome Address and Overview**  
*Casey Humbyrd, MD*
- 8:10 AM – 9:05 AM **Trainee Competition**

## CONCURRENT SESSIONS

### SESSION 8

#### Deep Dives – Complex Soft Tissue Reconstruction

Moderators: *Casey Humbyrd, MD and Daniel Farber, MD*

- 9:05 AM – 9:25 AM **Orthoplastic Approach to Limb Salvage Including Osteomyelitis**  
*Scott Levin, MD*
- 9:25 AM – 9:35 AM **Achilles Tendon Lengthening**  
*Keith Wapner, MD*
- 9:35 AM – 9:45 AM **Penn Orthoplastic Center and Microsurgical Limb Salvage**  
*Stephen Kovach, MD*
- 9:45 AM – 9:55 AM **Intrinsic Foot Flaps**  
*Jason Wink, MD*
- 9:55 AM – 10:05 AM **Complex Triple Limb Salvage Using Advanced Reconstructive Techniques**  
*Scott Levin, MD*
- 10:05 AM – 10:20 AM Break for Exhibits and Poster Viewing

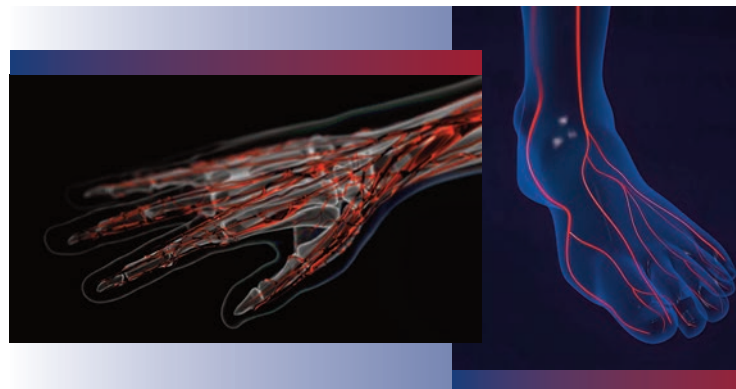
## CONCURRENT SESSIONS

### SESSION 10

#### Deep Dives – Complex Bony Reconstruction

Moderators: *Scott Levin, MD and Stephen Kovach, MD*

- 10:20 AM – 10:40 AM **Medical Must Haves to Guarantee Success in Reconstruction (What to do Before you cut)**  
*Lorraine Boakye, MD*
- 10:40 AM – 10:50 AM **Charcot Reconstruction – Basics & Pearls**  
*Casey Humbyrd, MD*
- 10:50 AM – 11:00 AM **Ostectomy Versus Reconstruction**  
*Wen Chao, MD*
- 11:00 AM – 11:10 AM **Minimally Invasive Options**  
*Bobby Ndu, MD*
- 11:10 AM – 11:20 AM **Frames Versus Internal Fixation**  
*Daniel Farber, MD*



### SESSION 9

#### Deep Dives – SFA and Popliteal

Moderators: *Elizabeth Genovese, MD and Timothy Clark, MD*

- 9:05 AM – 9:15 AM **Definitive Data: Results of SUPERA in the Popliteal Segment**  
*Brian DeRubertis, MD, FACS*
- 9:15 AM – 9:25 AM **Hybrid Endovascular Procedures for the Femoropopliteal Segment**  
*Doug Troutman, MD*
- 9:25 AM – 9:35 AM **Atherectomy**  
*William Beckerman, MD*
- 9:35 AM – 9:45 AM **Shockwave**  
*Robert Fenning, MD*
- 9:45 AM – 10:05 AM **Debate: Endo Versus Open Treatment of Popliteal Occlusive Disease**  
*Featuring Brian DeRubertis, MD, FACS and Shang Loh, MD*
- 10:05 AM – 10:20 AM Break for Exhibits and Poster Viewing

### SESSION 11

#### Targeted Technique Talks – Endo

Moderators: *Douglas Troutman, MD and William Beckerman, MD*

- 10:20 AM – 10:40 AM **IVUS: Expensive Catheter or Helpful Adjunct?**  
*Robert Fenning, MD*
- 10:40 AM – 10:50 AM **Pedal Access: What Can Be Accomplished From the Foot?**  
*Elizabeth Genovese, MD*
- 10:50 AM – 11:00 AM **When Should I Use the Fancy Balloons? Is There Data to Support It?**  
*Alexander S. Fairman, MD*
- 11:00 AM – 11:10 AM **How I Do It: Open DVA**  
*Nathan Belkin, MD*
- 11:10 AM – 11:20 AM **How I Do It: Endovascular DVA**  
*Ansar Vance, MD*



CONCURRENT SESSIONS

**SESSION 12**

**Targeted Technique Talks**

Moderators: Jason Wink, MD and Steve Kovach, MD

- 11:20 AM – 11:35 AM **Local Pedal Flaps for Diabetic Foot Ulcer Treatment**  
*William Brownell, DPM*
- 11:35 AM – 11:50 AM **Diabetic Foot Amputation Options**  
*Brett Chatman, DPM*

**SESSION 13**

**Targeted Technique Talks – Open**

Moderators: Shang Loh, MD and Elizabeth Genovese, MD

- 11:20 AM – 11:30 AM **Bypass Conduit: Spliced Arm Vein Versus Prosthetic?**  
*Venkat Kalapatapu, MD*
- 11:30 AM – 11:40 AM **Avoiding Wound Complications in Bypass Surgery**  
*Matthew Dougherty, MD*
- 11:40 AM – 11:50 AM **How I Do It: Composite Bypasses and Vein Cuffs**  
*Julia Glaser, MD*
- 11:50 AM – 12:00 PM **Adjunctive Procedures to Keep Distal Bypasses Open**  
*Keith Calligaro, MD*

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12:00 PM **Poster Competition Awards** (main auditorium)

12:30 PM Adjourn



# PENN ADVANCED LIMB PRESERVATION SYMPOSIUM 2023

CME/CE-CERTIFIED CONFERENCE

**IN-PERSON AND VIRTUAL**

Friday & Saturday, June 2-3, 2023

In-Person Meeting Location  
Law Auditorium at the Jordan Medical Education Center  
3400 Civic Center Blvd, 5th Floor  
Philadelphia, PA 19104

## Registration Form

We strongly encourage you to register for this conference online by check or credit card at <https://upenn.cloud-cme.com/PALP2023>

### Questions? Contact us at:

[penncme@pennteam.upenn.edu](mailto:penncme@pennteam.upenn.edu) • Phone: 215-898-6400 or 215-898-8005

Please note: we are unable to accept faxed registration forms.

Please print or type

Name (First)	(Last)	
Academic Degree		
Medical Specialty		
Affiliation (Hospital, Office, or Company)		
Address ( <input type="checkbox"/> Affiliation or <input type="checkbox"/> Home)		
City	State	Zip
Phone	Fax	
E-mail		

## REGISTRATION FEES

(pre-payment is required to be officially registered)

### IN-PERSON/LIVE-STREAM (VIRTUAL) ATTENDANCE:

- Physicians and industry employees – \$150
- Nurse practitioners and physician assistants – \$50
- Residents, fellows and students – Complimentary
- Penn Medicine faculty, staff and employees – Complimentary.

## PAYMENT METHOD

- If you are paying by check or credit card, please register online at <https://upenn.cloud-cme.com/PALP2023>
- If you are paying by check, you may mail your completed registration form and check made payable to **The Trustees of the University of Pennsylvania/CME** to:  
Conference Manager  
Office of Continuing Medical & Interprofessional Education  
Academic Programs, Penn Medicine, JMEC, SPE, 6th floor  
3400 Civic Center Blvd, Bldg. 421  
Philadelphia, PA 19104-5162
- Do not include any credit card information on the registration form or share via email.