

Annual Symposium

Observations & Outcomes



November 6-9, 2025

Scottsdale Resort & Spa - Scottsdale, AZ

CONFERENCE COMMITTEE:

Aaron Ruter, DPM, FAENS
Conference Co-Chair & President

Julie Abboud, DPM, FAENS
Conference Co-Chair & Past President

CME COMMITTEE:

Damien Dauphinee, DPM, FAENS
James Wilton, DPM, FAENS

PROGRAM

PROGRAM SPONSORS

This symposium has been supported by
independent educational grants from:

Axogen, Inc. • Bioventus • Suturegard

FACULTY

TRACK 1

Julie Abboud, DPM, FAENS - Private Practice, Greenville, WI
Peyman Elison, DPM, FAENS - Private Practice, Surprise, AZ
Mark Woolley, DPM, FAENS - Private Practice, South Ogden, UT
James Wilton, DPM, FAENS - Private Practice, Claremont, NH
Erin Nelson, DPM, FAENS - Faculty in Training

TRACK 2

Stephen Barrett, DPM, FAENS - Private Practice, Marietta, GA
Artinder Nagra, DPM, FAENS - Private Practice, Camp Hill, PA
Matt Oseto, MD - Private Practice, Kirkland, WA

TRACK 3

Chris Browning, DPM, FAENS - Private Practice, Temple, TX
Collin Pehde, DPM - HSC Fellowship Director, San Antonio, TX
Aaron Ruter, DPM, FAENS - Private Practice, Chesterton, IN

TRACK 4

Julie Abboud, DPM, FAENS - Private Practice, Greenville, WI
Richard Adams, DPM, FAENS - Private Practice, Granbury, TX
Susan Blank, MD - Private Practice, Lawrenceville, GA
Peter Bregman, DPM, FAENS - Private Practice, Las Vegas, NV
Peyman Elison, DPM, FAENS - Private Practice, Surprise, AZ
Ivan Ducic, MD, MS, MBA - Private Practice, McLean, VA
Nathan Goodyear, MD - Private Practice, Scottsdale, AZ
Michael King, DPM - Private Practice, Nashville, TN
Scott Nickerson, MD, FAENS - Private Practice-RET, Big Horn, WY
Matt Oseto, MD - Private Practice, Kirkland, WA
Collin Pehde, CPM - UTSA - HSC Fellowship Dir., San Antonio, TX
Chris Poulin, JD - Attorney, Getman, Schulthess, Steere & Poulin
Venkatesh Ramaiah, MD - Private Practice, Scottsdale, AZ
Andrew Rader, DPM, FAENS - Private Practice, Jasper, IN
Edgardo Rodriguez, DPM, FAENS - Private Practice, Chicago, IL
Aaron Ruter, DPM, FAENS - Private Practice, Chesterton, IN
Mark Schuenke, PhD - Professor UNE, Biddeford, ME
Raquel Sugino, DPM - Private Practice, Lee's Summit, MO
Ian Valerio, MD, MS, MBA - Plastic & Reconstructive - Massachusetts General, Boston, MA
Eric Williams, MD, FENS - Private Practice, Baltimore, MD
James Wilton, DPM, FAENS - Private Practice, Claremont, NH
Mark Woolley, DPM, FAENS - Private Practice, South Ogden, UT
Sonny Yamasaki, PhD - Director, Medtronic, Jacksonville, FL

CME INFORMATION

Attendees must sign in and turn in evaluation daily for CME credit to AENS registration desk or sent to info@aens.us or faxed to 888-394-1123 within 7 days of the meeting. *Target audience:* DPMs, MDs and Affiliate Medical Professionals. *Refund policy:* credit only.

Accreditation Statement

This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education (ACCME). The Association of Extremity Nerve Surgeons is accredited by the ACCME to sponsor continuing medical education for physicians.

Designation Statement

The Association of Extremity Nerve Surgeons designates this live activity for a maximum of **32** AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

CONTACT INFORMATION

201 Stillwater, Suite 8, Wimberley, TX 78676
info@aens.us • www.aens.us
888.708.9575 (p) • 888.394.1123 (f)



NOVEMBER 6-7, 2025

TRACK 1:

FUNDAMENTAL PERIPHERAL NERVE COURSE

Preregistration required. Track is full.

18 CME HRS

*Julie Abboud, DPM, FAENS, Peyman Elison, DPM, FAENS,
Mark Woolley, DPM, FAENS, James Wilton, DPM, FAENS and
Erin Nelson, DPM, FAENS*

8:00AM-6:45PM

THURSDAY, NOVEMBER 6, 2025

LOCATION: Hotel - Apache 3 &4

Diagnostic, Didactic Lecture & Case Studies
*Chronic Pain, Anatomy, Coding, Cases,
Diagnostic and Ultrasound Introduction*

8:00AM-5:30PM

FRIDAY, NOVEMBER 7, 2025

LOCATION: COLLABORATIVE RESEARCH BLDG, MAYO CLINIC
3208 E. SHEA, SCOTTSDALE, AZ

*Shuttle provided 7:30am or can uber/drive.
Call for entry when arrive - 480-301-4886.

Cadaveric Lab

*Anatomy, Incision, Handling and Intro to Nerve Repair
Peripheral nerve decompression & techniques including
common peroneal, deep peroneal, tibial, medial, calcaneal,
superficial and plantar*

As a result of attending these presentations, participants should be able to:

- Integrate diagnostic principles, ultrasound techniques, and anatomical knowledge to evaluate and manage chronic pain syndromes through didactic instruction, case-based learning, and accurate procedural coding applications.
- Demonstrate applied knowledge of lower-extremity peripheral nerve anatomy through cadaveric dissection, incision planning, and tissue handling, performing introductory nerve repair and decompression techniques involving the common peroneal, deep peroneal, tibial, medial, calcaneal, superficial, and plantar nerves.



Thank you Program Sponsors!

Axogen, Inc. • Bioventus • Suturegard

FRIDAY, NOVEMBER 7, 2025

Optional Pre-Symposium Workshops. Separate registration required.

TRACK 2:

COMPARISONS & REVISIONS (CADAVERIC)

4 CME HRS

LOCATION: COLLABORATIVE RESEARCH BLDG, MAYO CLINIC - 3208 E. SHEA, SCOTTSDALE, AZ.

*Shuttle provided 7:30am or can uber/drive. Call for entry when arrive - 480-301-4886.

Return Shuttle - 12:30pm.

Stephen Barrett, DPM, FAENS, Artinder Nagra, DPM, FAENS and Matt Oseto, MD

8:30am – 12:30pm

As a result of attending these presentations, participants should be able to:

- Analyze and compare primary versus revision peripheral nerve surgical techniques using cadaveric specimens, identifying anatomical challenges, optimizing incision approaches, and refining microsurgical skills to enhance outcomes in complex nerve repair and decompression procedures.

TRACK 3:

FRACTURES & FLAPS

4 CME HRS

LOCATION: COLLABORATIVE RESEARCH BLDG, MAYO CLINIC - 3208 E. SHEA, SCOTTSDALE, AZ.

*Shuttle departs at 12:00pm or can uber/drive. Call for entry when arrive - 480-301-4886.

Return Shuttle - 5:45pm.

Aaron Ruter, DPM, FAENS, Chris Browning, DPM, FAENS and Collin Pehde, DPM

1:30pm – 5:30pm

As a result of attending these presentations, participants should be able to:

- Evaluate and manage peripheral nerve injuries associated with fractures, demonstrating principles of soft tissue coverage and flap selection to optimize nerve protection, vascularity, and functional recovery.



Thank you Program Sponsors!

Axogen, Inc. • Bioventus • Suturegard

FRIDAY, NOVEMBER 7, 2025
TRACK 4: ANNUAL SYMPOSIUM

6:30PM-7:30PM

Welcome Reception & Poster Review
SPONSORED BY: Bioventus

**LOCATION: 1ST FLR
GARDEN COURT**

7:30PM-10:00PM

**AENS Board of Directors,
& Board of Trustees Meeting**

**LOCATION: 1ST FLR
PUEBLO 2**

SATURDAY, NOVEMBER 8, 2025

9 CME HRS

LOCATION: 2ND FLR - PAPAGO

7:30am-8:00am

Coffee Break in Exhibit Hall
SPONSORED BY: Biocircuit Technologies

LOCATION: VISTA VERDE

8:00am-8:20am

Optimizing Nerve Surgery Outcomes
Ivan Ducic, MD, MS, MBA

8:20am-8:40am

Redo-Nerve Decompressions: When to operate or not?
Ivan Ducic, MD, MS, MBA

8:40am-9:10am

**Bloodflow Clinical Study - Nerve Decompression Impact
on Stent Restonisis rates, Part 2**
Sonny Yamasaki, PhD

9:10am-9:25am

60th Anniversary of Gate Theory of Pain
Jim Wilton DPM, FAENS

9:25am-9:45am

**Returning to The Beginning: Decompression in Diabetic
Sensory Neuropathy**
Andrew Rader, DPM, FAENS

9:45am-10:00am

Capillary Microcirculation Effects on DFU & ND
Scott Nickerson, MD

10:00am-10:15am

Break in Exhibit Hall
SPONSORED BY: Biocircuit Technologies

LOCATION: VISTA VERDE

10:15am-10:35am

PRS Nerve Relocation & Transtibial Amputation
Edgardo Rodriguez, DPM, FAENS

10:35am-10:55am

Ehlers Danlos Observations & Q&A
Matt Oseto, MD

10:55am-11:15am

Minimizing Dehiscence & Post Op Complications
Raquel Sugino, DPM, MS, FACFAS

11:15am-11:35am

Medial Plantar Artery Flaps & Cautions
Collin Pehde, DPM



11:35am-11:50am

CRPS Challenges
Peter Bregman, DPM, FAENS

11:50am-12:10pm

Proximal Tibial Nerve Compression Case & Publication Review
Eric Williams, MD, FAENS

SATURDAY, NOVEMBER 8, 2025

{continued}

LOCATION: 2ND FLR - PAPAGO

12:15pm-1:00pm	Lunch Break in Exhibit Hall SPONSORED BY: Convatec	LOCATION: VISTA VERDE
12:45pm-1:00pm	AENS Annual Business Meeting <i>with professional updates</i>	LOCATION: APACHE
1:00pm-1:50pm	Integrative Medicine & Updates on Pain & Oncology Innovations Nathan Goodyear, MD	
1:50pm-2:00pm	Q&A	
2:00pm-2:15pm	Nerve & Sports Injury – Case Studies Panel Aaron Ruter, DPM, FAENS and Mark Woolley, DPM, FAENS	
2:15pm-3:15pm	Medical Malpractice & Ethics of Expert Testimony Chris Poulin, JD	1 HOUR ETHICS
3:15pm-3:30pm	<i>Break in Exhibit Hall</i>	LOCATION: VISTA VERDE
3:30pm-4:00pm	Coding Updates, Nerve Blocks & Q&A Mike King, DPM	
4:00pm-6:15pm	Interactive Tracks	
LOCATION: PAPAGO	<u>TRACK 1:</u> Diagnostic Optimization of Ultrasound & Injection Andy Rader, DPM, FAENS [MODERATOR] Aaron Ruter, DPM, FAENS and Peyman Elison, DPM, FAENS	
LOCATION: APACHE 3/4	<u>TRACK 2:</u> Nerve Physiology Intensive, Anatomical Variances & the Most Problematic Nerve Mark Schuenke, PhD and James Wilton, DPM, FAENS	
6:45pm-8:45pm	Nerve Finale Reception & Awards <i>Poster & Essay Winners Recognized</i> <i>Fundamental Surgical Course Graduates Recognized</i> <i>AENS Leadership & Published Members Recognized</i> CO-SPONSORED BY: Tulavi & Biocircuit Technologies	LOCATION: 1ST FLR PUEBLO 1/2 & PATIO

As a result of attending these presentations, participants should be able to:

- Evaluate current evidence and surgical strategies to optimize outcomes in primary and revision peripheral nerve decompression, including indications for re-operation, complication prevention, and management of complex cases such as diabetic sensory neuropathy, Ehlers-Danlos syndrome, and CRPS.
- Interpret emerging clinical and translational research on blood flow, microcirculation, and stent restenosis following nerve decompression, applying findings to improve vascular health and peripheral nerve recovery in surgical patients.
- Integrate advances in diagnostic and interventional technologies—including ultrasound guidance, injection optimization, and nerve physiology analysis—to enhance diagnostic precision and procedural success in nerve-related pain syndromes and sports injuries.
- Apply principles of reconstructive microsurgery to nerve-related soft tissue management, including medial plantar artery flap design, nerve relocation in transtibial amputation, and techniques to minimize wound dehiscence and postoperative complications.
- Incorporate ethical, coding, and integrative medicine perspectives into clinical practice by reviewing medical-legal considerations, accurate procedural coding for nerve interventions, and the role of oncology and pain innovations within comprehensive patient care

SUNDAY, NOVEMBER 9, 2025
TRACK 4: ANNUAL SYMPOSIUM
{continued}

5 CME HRS

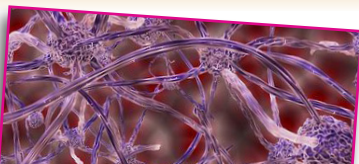
LOCATION: 2ND FLR - PAPAGO

7:45am-8:15am	Coffee & Case Questions Aaron Ruter, DPM, FAENS & Julie Abboud, DPM, FAENS
8:15am-9:15am	Trauma & Nerve Injury Cases- Q&A Ian Valerio, MD, MS, MBA
9:15am-10:30am	Member Publications & Research Updates 1) Clinical Research at Midwestern Update Stephen Barrett, DPM, FAENS 2) Phoenix Sign Publication Review Richard Adams, DPM, FAENS 3) Quantification of Retained Donor Nuclei in ECM-Based Nerve Wraps: A Histological Assessment of Decellularization and Biocompatibility - Journal of Reconstructive Microsurgery, Publication Review Andrew Rader, DPM, FAENS 4) Reevaluating the Stocking Distribution Pattern in Diabetic Peripheral Neuropathy Journal of Diabetes and its Complications, Publication Review Andrew Rader, DPM, FAENS
10:00am -10:30am	Nickerson Essay Winner Presentation
10:30am-12:30pm	Opioid Updates & Ethics of Pain Management Susan Blank, MD
12:30pm-12:45pm	Q&A Aaron Ruter, DPM, FAENS & Julie Abboud, DPM, FAENS

**2 HOUR
OPIOIDS
& ETHICS**

As a result of attending these presentations, participants should be able to:

- Analyze complex trauma and peripheral nerve injury cases through interactive discussion and case-based learning, identifying best practices for diagnosis, surgical intervention, and long-term functional recovery.
- Evaluate current and emerging research findings in peripheral nerve science—including advancements in decellularized nerve wraps, diabetic neuropathy distribution patterns, and novel diagnostic indicators such as the Phoenix Sign—to integrate evidence-based insights into clinical decision-making.
- Apply updated ethical and clinical guidelines for opioid prescribing and pain management in surgical and rehabilitation settings, ensuring compliance with current standards of care and responsible patient-centered practice.



Thank you Program Sponsors!

Axogen, Inc. • Bioventus • Suturegard

SCOTTSDALE RESORT & SPA

7700 E McCormick Pkwy
Scottsdale, AZ 85258

Phone #: (480) 991-9000



AENS EXHIBIT & REGISTRATION/CME DESK HOURS

LOCATION: VISTA VERDE

REGISTRATION & CME SIGN-IN

7:30AM - 9:00AM; 1:00PM - 6:00PM

7:30AM - 6:30PM

8:00AM - 12:45AM

Friday, November 7

Saturday, November 8

Sunday, November 9

NOTE SIGN ALL CME FORMS. CERTIFICATES WILL BE EMAILED.

EXHIBITS

Saturday, November 8

7:30AM-8:00AM

8:00AM - 6:15PM

10:00AM - 10:15AM

12:10PM - 12:45PM

3:15PM - 3:30PM

Coffee Break with Exhibitors

Exhibits Open

Break with Exhibitors

Lunch with Exhibitors

Break with Exhibitors

Sunday, November 9

7:45AM - 10:30PM

Exhibits Open **optional*

THANK YOU SPONSORS!

Program Sponsors

AXOGEN, INC.

BIOVENTUS

SUTUREGARD

Friday Reception Sponsor

Saturday 7:30am & 10am Break Sponsor

Lunch Sponsor

Saturday Award Reception Sponsors

BIOVENTUS

BIOCIRCUIT
TECHNOLOGIES

CONVATEC

TULAVI &
BIOCIRCUIT
TECHNOLOGIES

~ Displays ~

AXOGEN, INC.
EBM MEDICAL
ESAOTE
FREE LIFE LABS

BIOCIRCUIT TECHNOLOGIES, INC
BIOVENTUS
CONVATEC

ORTHOCELL
SURGITEL
SUTUREGARD
TULAVI



MARK YOUR CALENDAR FOR 2026 AENS MEETINGS

MARCH TBA

MicroSurgery for Nerve Course
Mayo Clinic
Rochester, MN

JUNE 12-13

AENS Advanced Surgical Cadaveric Course
University of New England
Kennebunkport, ME

APRIL and NOVEMBER

AENS Fundamental Cadaveric Courses

April: UNT Lab, Ft. Worth, TX

November: Key West or Nashville

NOVEMBER

AENS Annual Symposium

*Quarterly Nerve Case
Zoominars For Members!*