



In-House CME

The Diabetic Foot & Charcot: Pathophysiology, Osteomyelitis, and Neuroarthropathy

Diabetes remains the leading cause of chronic wounds and non-traumatic lower-extremity amputations worldwide. The diabetic foot represents a complex interplay of neuropathy, vascular disease, biomechanical stress, infection, and metabolic dysfunction. Without early recognition and intervention, minor tissue injuries can rapidly progress to limb-threatening complications.

This episode explores the underlying pathophysiology of diabetic foot ulcers and Charcot neuroarthropathy, emphasizing how early diagnostic recognition and coordinated multidisciplinary care can prevent catastrophic outcomes. Faculty will discuss the mechanisms through which neuropathy alters protective sensation, how biomechanical forces contribute to tissue breakdown, and why Charcot deformity dramatically increases ulcer risk.

Participants will learn how to recognize early warning signs of diabetic foot pathology, implement effective offloading strategies, and determine when surgical stabilization or advanced therapies are necessary to preserve limb function and patient mobility.

Learning Objectives:

1. Describe the pathophysiologic mechanisms underlying diabetic foot ulcers and Charcot neuroarthropathy.
2. Identify early clinical signs of diabetic foot complications that may progress to limb-threatening conditions.
3. Evaluate biomechanical and neurologic contributors to diabetic foot ulcer development.
4. Implement appropriate offloading and pressure redistribution strategies in diabetic foot management.
5. Determine when surgical stabilization or multidisciplinary referral is necessary for limb preservation.

Intended Audience: Podiatrists

Date of Original Release: 05/19/2026 07:00:00 PM

Fees: \$ 15.00

Date of Course Expiration: 05/19/2028

Refund Policy: N/A

Estimated Time to Complete Course: 64

Technology requirements: A device with internet access that allows the user to log into a website and have video and audio capabilities.

In-House CME is accredited by the Council on Podiatric Medical Education as a provider of continuing education in podiatric medicine. In-House CME has accredited this activity for a maximum of 1.0 continuing education contact hour.

In-House CME, LLC has designated an unrestricted educational grant from the following commercial entities for this educational activity:

Podimetrics

Panelists

Traci Kimball, MD



Traci Kimball, MD, is a vascular medicine and wound care specialist with nine years of experience. She holds degrees from The University of Texas at Austin and The University of Texas Health Sciences Center at San Antonio, and is currently pursuing an MBA in Healthcare Management from Daniel's College of Business at Denver University. A general surgeon by training, Dr. Kimball has additional qualifications in vascular medicine and wound care. She is the Founder of WISH Skin Labs B-corp and actively promotes value-based, patient-centered care through community outreach and education. Dr. Kimball has held leadership roles, including Daniel's School of Business Student Ambassador and Region 3 Medical Student Delegate to the American Medical Association.

Disclosures: Dr. Kimball is a consultant for Histologics and Nueyes; on the speaker's bureau for Convatec; receives grant/research support from Merakeis and Sygnola; is a stock shareholder of Ekagra and Fruitstreet; receives honorariums from the Society of Biomaterials; is an employee of the Wish Clinic; and a volunteer at SAL ASL BOD.

John Evans, DPM



Dr. John Evans received his DPM from the Temple University College of Podiatric Medicine and has a BS in Pharmacy from the University of Connecticut. He is board-certified by the American Board of Foot and Ankle Surgery (Foot and Ankle) and is Chief of Podiatry at Corewell Health (Beaumont) Medical Center in Dearborn, Michigan.

He has served as Chair of the American Podiatric Medical Association (APMA) Health Policy and Practice Committee and as a Medicare Carrier Advisory Committee (CAC) representative for over 20 years and was the 2018 recipient of the APMA Award of Excellence. He served as the Podiatric representative to the PAD Guidelines Writing Committee of the American Heart Assn. and American College of Cardiology which were published in 2024 and serves as the Podiatric representative of APMA to the AHA

PVD Leadership Council. He is active with the American Board of Foot and Ankle Surgery, having served on multiple committees including their Board of Directors for eight years, and is the immediate Past-Chair of their Communications Committee. He is active with the American Limb Preservation Society on the Health Equity and Advocacy Committee as Co-Chair of the Research and Data Analysis Sub-Committee, the CLI Global Society, and as faculty for the New Cardiovascular Horizons organization, Desert Foot, and Goldfarb Foundation.

Dr. Evans is a nationally recognized speaker on a variety of topics including Peripheral Arterial Disease, the Diabetic Foot, Limb Salvage and Preservation, Physician Burnout, Dealing with the Difficult Patient, and Mindfulness in Medicine. Dr. Evans is in private practice in southeast Michigan.

Disclosures: Dr. Evans is a consultant for Airos, Inari, Modus, and Histologics and is on the speaker's bureau or Perimed.

Alton R. Johnson, Jr.



Dr. Alton Johnson is a Clinical Assistant Professor of Orthopaedic Surgery specializing in disorders of the Foot and Ankle with an emphasis on Podiatric Surgery at the University of Michigan Medical School. Dr. Johnson completed his medical education at Kent State University College of Podiatric Medicine in Cleveland, OH. Dr. Johnson went on to complete post-graduate training in Podiatric Medicine and Surgery at HCA Florida Aventura Hospital in Miami, FL. He completed a fellowship in Podiatric Clinical Research and Wound Care at Penn Medicine- University of Pennsylvania Health System in Philadelphia, PA. Dr. Johnson earned a Post-Doctoral Certificate in Clinical Research from the University of Pennsylvania Perelman School of Medicine during his fellowship training. Dr. Johnson brings a wealth of knowledge and expertise in podiatric surgery with an emphasis on wound healing and prevention. He is board certified in Podiatric Medicine by the American Board of Podiatric Medicine. In addition, Dr. Johnson is a Board-Certified Wound Care Specialist Physician by the American Board of Wound Management. Dr. Johnson serves as an Executive Board Member of Kent State University College of Podiatric Medicine and Past Chairman of the Board of Directors for the American Society of Podiatric Surgeons. He was recently elected as President of the Save a Leg Save a Life Foundation (SALSAL). Dr. Johnson is a Fellow of The Royal College of Physicians and Surgeons of Glasgow (RCPSG).

Disclosures: Dr. Johnson is a consultant for Hartmann, Sygnola, and Lifemet and receives Honorariums from Kent State University

interests, please contact us.