



**In-House CME**

# Wound Bed Optimization & Advanced Therapies: Debridement, Biologics, Biofilm, and The TIME Principle

07/14/2026 12:00 AM Eastern

Live Virtual Webinar

Once systemic barriers are addressed and perfusion is optimized, clinicians must shift attention to the wound environment itself. A well-prepared wound bed is essential for healing, yet many chronic wounds stall because key principles of wound bed preparation are inconsistently applied.

This episode explores how clinicians can strategically combine debridement, moisture balance, infection control, and biologic therapies to optimize the wound microenvironment. Rather than relying on algorithmic dressing selection or reflexive product escalation, learners will examine how advanced therapies should be deployed based on tissue quality, inflammatory burden, perfusion status, and host readiness.

Through multidisciplinary discussion, faculty will highlight when traditional approaches remain appropriate, when advanced biologics or cellular products may provide benefit, and how bedside surgical interventions can accelerate the healing trajectory when conservative care fails.

Participants will leave with a structured framework for selecting and sequencing therapies while maintaining alignment with the overarching philosophy of the series: heal the patient, not just the wound.

## Learning Objectives:

1. Describe the core principles of wound bed preparation, including debridement, moisture balance, and infection control.
2. Differentiate local wound barriers from systemic host barriers when evaluating stalled wounds.
3. Identify appropriate clinical scenarios for advanced wound therapies, including biologics and cellular products.
4. Evaluate when bedside surgical intervention or procedural debridement may accelerate healing.
5. Integrate wound bed optimization strategies into a comprehensive patient-centered care plan.

**Intended Audience:** Podiatrists

**Fees:** \$ 0.00

**Refund Policy:** N/A

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:

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## Panelists

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### **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.

### **Ira Herman, PhD**

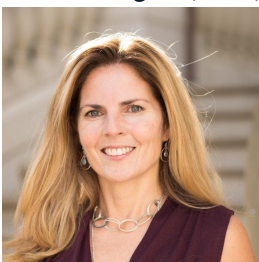


As a National Academy of Inventors member and global thought leader, Dr. Herman's interests are focused on translating basic, biomedical research-based discoveries into transformative diagnostics and therapeutics for wound healing and regenerative medicine. Professor Herman's earlier work helped to reveal key mechanisms regulating cell- and tissue responses to injury, tumor growth and wound healing. He has been instrumental in spawning new insights and fields of interest while posing paradigm-shifting hypotheses to reveal fundamental insights or drivers controlling cellular responses to injury, wound healing and tissue regeneration. Related, and as professor of ophthalmology and biomedical engineering, he and colleagues have delivered significant contributions to our understanding the molecular and cellular mechanisms underlying pathological angiogenesis accompanying tumor progression and aging. Contributing insights for disruptive ocular anti-angiogenic therapeutics, he aims to ameliorate or prevent the progression of such diabetes- and aging-related vision losses.

Whether as inventor, educator, mentor or servant leader, he has trained and supported hundreds of junior faculty, professional and graduate students, serving as advocate, instructor, course, program and center director within Tufts University's schools of medicine, dentistry, basic biomedical research and veterinary medicine. Working at the intersection of physical, chemical and biological sciences, he connects what are presumed disparate fields of interest but, in ways that yield novel solutions, whether mechanistically or for development of disruptive diagnostics and therapeutics. As a key opinion leader and global consultant for industry, pharma, foundations and academia, professor Herman continues to offer innovative solutions for personalized, patient outcomes and optimized healthcare.

**Disclosures:** Consultant for Wound Care Today - USA; On the speaker's bureau for and receives honorariums from WoundCon and SAWC/HMP; Receives grant/research support from the Department of Defense (War); is a stock shareholder of Diapeutic, and is an employee of Tufts University.

### **Jeanine Maguire, PhD, MS, MPT, FAAC, CWS**



Jeanine Maguire, a Physical Therapist and Certified Wound Specialist is a visionary leader and PhD scholar dedicated to connecting and building high-performing teams to dramatically improve health care and patient outcomes. With nearly three decades in wound management, Dr. Maguire previously held the impactful role of VP of Skin Health and Wound Management Integrations at Genesis HealthCare, managing a program that scaled technology and standardized care across 500 nursing homes nationwide. Her innovative spirit led her to serve as a Chief Clinical Delivery Officer for a Value Based Care Wound Start-up, where she was a pioneer in building sophisticated care pathways and collaborating with AI engineers to develop evidence-based clinical guidance rules. Her commitment to integrated, patient-centered care culminated in her role as President and co-founder of the rising global non-profit, the Post-Acute Wound Skin Integrity Council (PAWSIC), driving advocacy and educational excellence across the post-acute sector and

beyond.

**Disclosures:** No financial relationships with commercial interests to disclose.

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