PRIMEFARE CENTRAL REGIONAL SCIENTIFIC SYMPOSIUM
October 17-18, 2025|Oklahoma City, OK

Prosthetics-Friday
October 17, 2025

Prosthetic Track sponsored by ALPS

7-8a **Breakfast, Registration Exhibit Hall**

8-10a **Comprehensive Management Of Individuals With Limb Loss**
This 2-hour session is tailored to empower clinicians with the most current, evidence-based knowledge and hands-on clinical skills for the comprehensive management of individuals with limb loss. Through an in-depth exploration of best practices, participants will acquire practical techniques that can be seamlessly integrated into daily amputee care. The curriculum emphasizes real-world case discussions, interactive demonstrations, and collaborative problem-solving to enhance clinical decision-making and improve patient outcomes. Attendees will depart with actionable strategies and advanced competencies to immediately elevate the standard of care for amputee patients.
Paul Prusakowski, CPO/L, OPIE Software, Scott Williamson, Executive Director, Education/Events

10-10:15 **Break, Exhibit Hall**

10:15-11:15 **ALPS Technology Update**
ALPS Technology, the different technology options that ALPS provides is discussed with an emphasis on the indications and contraindications of each one. Liner gels, fabrics and profiles will also be discussed as well as patient optimization, sizing and proper selection.
Nick Nelson, SE Territory Manager & Distribution Relations Manager, ALPS

11:15a-12:15p **Sock it to ME! 2025 Update**
A discussion on prosthetic and orthotic socks with "the sock guy." We will discuss ply, proper donning and doffing and the different socks available to help your patient be as comfortable as possible.

We will examine how the socks have become interfaces with the changes in technology in the prosthetic and orthotic industry. A conversation on how to use medical textiles in your practice will be examined.

Fred Lanier, VP of Sales, Comfort Products

12:15-1:15p **Lunch Exhibit Hall**

1:15-3:15 **Blatchford Technology Course**
The Blatchford Technology Course aims to expand attendees' knowledge of various Blatchford microprocessor-controlled prosthetic and orthotic components. This course includes Elan, a microprocessor-controlled ankle; Orion3, a microprocessor-controlled knee; Linx, a combination of microprocessor-controlled knee and ankle; and Avior, a microprocessor knee designed specifically for lower-functioning amputees. It covers the technology behind these products and identifies the patient profiles that would benefit from them. The course also provides information on fitting, programming, and the functionality of these devices. Additionally, it explains how this technology offers the opportunity for improved functional outcomes during the rehabilitation process and enhances their safety.
David K. Telford CPO, LPO, Blatchford Regional Clinical Specialist

3:15-3:45p Break **Exhibit Hall**

3:45-5:45p **Slingshot Socket™ - Soft, Adjustable Comfort™**
Latest innovation, the all-fabric Slingshot Socket™ is a paradigm shift for the prosthetics industry - enabling a socket to be fit and delivered in a single appointment, using only scissors and Allen wrenches. The **Slingshot Socket™** offers the most adjustability, conformity, and comfort of any socket available - and is approved for the new Adjustable Socket L5783 L-Code.

Jay Martin, CP, FAAOP

Prosthetics, Saturday
October 18, 2025

7-8a **Breakfast, Exhibit Hall**

8-9a **Advancing Knee Prosthetic Design: Enhancing Stability, Mobility, and Patient Outcomes with the Symphony and Allux 2 Systems**

As the field of prosthetics progresses, there is a growing demand for prosthetic knee systems that deliver both dynamic function and enhanced stability for diverse patient populations.

The *NK-6 Symphony* is a six-bar hydraulic knee that incorporates a unique Polycentric Mechanism of Reaction-force Sensing (p-MRS), which enables a geometric stance-phase lock for enhanced stability and safety. Weighing only 2.13 lbs with a build height of 7.8 inches, the Symphony provides smooth hydraulic swing, stance flexion adjustability, and a manual lock option, making it well-suited for K3–K4 level transfemoral amputees under 275 lbs. It offers a robust solution for individuals transitioning from K2 to K3 levels or those in need of a non-microprocessor-based option.

Allux 2 is the world's first microprocessor-controlled four-bar hydraulic knee joint. It combines the inherent benefits of polycentric mechanics, including shank retraction and improved symmetry, with adaptive microprocessor-controlled hydraulic resistance. *Allux 2* features a long battery life, IP44 weatherproof rating, and app-based control for both clinicians and patients. It is designed for K2–K4 users, including transfemoral and disarticulation amputees, and offers enhanced stumble recovery, fall prevention, and smoother gait transitions.

This session will provide a comparative review of both knees, case studies from real-world users, and live demonstrations of Bluetooth-enabled programming features. Key takeaways will also include updates on Medicare coverage changes (LCD 33787) that expand MPK access to select K 2 users, as well as practical strategies for clinical justification and L-code reimbursement.

Dr. Justi Appel, PhD, CO, BOCP, LPO, NuTech Synergies

9-10a **Brain Robotics**

10-10:15a **Break, Exhibit Hall**

10:15-12:15 **Micro-Processor Review**
Sam Brouillette, CP Manager, Clinical Education SPS

Orthotics, Friday October 18, 2025

7-8a **Breakfast, Registration Exhibit Hall**

8-10a The Tectus course will explore the technology behind this microprocessor-controlled AFO (knee-ankle-foot orthosis). It will discuss the device development, indications, and contraindications. Additionally, it will cover patient selection and identify which patients would benefit from this orthotic device. The course will also review the fit, function, and

programming of the orthosis, as well as the biomechanical principles behind its operation. Furthermore, it will address the therapist role in the patient's rehabilitation process using the Tectus.
David K. Telford CPO, LPO, Blatchford Regional Clinical Specialist

10-10:15a **Break Exhibit Hall**

10:15a-12:15p **Energy Storing Partial Foot**
Presentation of the functional objective of a partial foot prosthesis. Muscular-Skeletal breakdown of the biomechanics of gait, focused on replacing propulsion in stance phase. Evaluation of varying amputation levels and how the relate to the application of energy return. Review of standing kinematics for balance and common compensations.
Noel J Chladek, CO LPO Bio-Mechanical Composites, Inc

12:15-1:15p **Lunch Exhibit Hall**

1:15-3:15p **Advancing Clinical Excellence in Orthotic Patient Management**
This session is crafted to equip clinicians with up-to-date, research-supported insights and practical, hands-on skills for superior care of patients requiring orthotic intervention. Participants will explore a thorough overview of contemporary clinical protocols, gaining techniques that can be immediately applied in everyday practice. The curriculum features real-life patient scenarios, interactive skill-building sessions, and collaborative problem-solving exercises to strengthen clinical judgment and drive better patient outcomes. Attendees will depart with ready-to-use methods and enhanced expertise to elevate the quality and effectiveness of their orthotic services.
Paul Prusakowski, CPO/L, OPIE Software, Scott Williamson, Executive Director, Education/Events

3:15-3:45p **Break Exhibit Hall**

3:45-4:45p **MPKAFO With Power- Introduction**
Sam Brouillette, CP-SPS, Clinical Specialist

4:45-5:45 **Carbon Fiber AFOs in Orthopedic Practice: Indications, Mechanics, and Clinical Application**

This session provides a comprehensive clinical overview of carbon fiber AFOs, with a specific focus on the anterior shell and the posterior spiral OTS systems.

Participants will explore the biomechanical properties and mechanical advantages of carbon fiber—such as energy return, lightweight structure, and fatigue resistance—alongside their integration into the gait cycle. The presentation will review the clinical indications for use, including foot drop, Achilles tendinosis, ankle and midfoot arthrosis, post-polio syndrome, stroke, and common sports-related injuries. Through case examples and comparative data, attendees will examine how carbon fiber AFOs outperform traditional plastic AFOs and walking boots in terms of gait normalization, patient compliance, and long-term outcomes.

The course will also cover key elements of AFO selection and fitting, including shell design, stiffness, shoe compatibility, and patient-specific factors. Reimbursement codes and practical guidelines for implementation in a clinical setting will be addressed, making this a must-attend session for orthotists, physical therapists, physiatrists, and other rehabilitation professionals involved in lower extremity care.

Dr. Justi Appel, PhD, CO, BOCP, LPO

Orthotics Saturday
October 18, 2025

7-8a **Breakfast Exhibit Hall**

8-9a **Improving Clinical Results For Custom LE Orthotics**
This course is designed to improve clinical results when providing custom lower extremity orthotics. We will discuss casting and measurement techniques incorporating metal, leather and thermoplastics in fabrication, as well as fabricating orthotics for Charcot foot and Neuropathic arthropathy.
John Gray, L/O, Fab Lab Express, LLC

9-10a **Gait Analysis, The Next Step**
Presentation of the Achilles Tendon roll in ambulation and stance. Muscular-Skeletal breakdown of the biomechanics of gait, focused on stance phase. Review of standing kinematics for balance and common compensations. Combining the EEG firing of the lower extremity musculature as it occurs in the gait process. Patient video review of gait analysis, pathological and managed presentations.
Noel J Chladek, CO LPO Bio-Mechanical Composites, Inc

10-10:15a **Break Exhibit Hall**

10:15-11:15a **Comprehensive Approaches to Scoliosis: Pathology, Treatment Options, and the Expanding Role of Bracing**

Scoliosis, a three-dimensional spinal deformity, represents a diverse set of pathologies with varying etiologies, severities, and treatment needs. While surgical correction and conservative physiotherapy have historically dominated management strategies, orthotic bracing continues to evolve as a cornerstone of non-surgical treatment, particularly in adolescents with idiopathic scoliosis.

This presentation offers a comprehensive review of scoliosis management, with a primary focus on bracing solutions. We begin with the pathology and classification of scoliosis—including adolescent idiopathic scoliosis (AIS), neuromuscular scoliosis, congenital scoliosis, and degenerative scoliosis in adults. Evidence-based treatment options will then be explored.

Special emphasis will be placed on bracing protocols for AIS, biomechanical principles, patient selection, compliance strategies, and integration with physiotherapeutic scoliosis-specific exercises (PSSE). Practical discussion will focus on how orthotists and prosthetists can optimize brace design, fitting, and patient education.

Dr. Justi Appel, PhD, CO, BOCP, LPO

11:15-12:15 TBA

Pedorthics, Friday October 17, 2025

7-8a **Breakfast, Registration Exhibit Hall**

8-10a **Insights into our Burgeoning Diabetes and Obesity Co-Epidemics…and How to Fix the Situation**

In this session, we will take an in-depth look at just what is causing America's dual epidemics of diabetes and obesity. Many of us in the O,P&P world have witnessed a gradual, but dramatic, shift in the makeup of our patient populations. Gone are the days of seeing primarily systemically healthy patients with acute foot problems that are straightforward and simply remedied. Instead, the bulk of our patient load today consists of people with multiple chronic diseases and complex foot pathologies – with pedorthic intervention made all the more challenging by patients' lack of understanding of (and a seeming lack of concern for) their conditions and how to fix them. As

clinicians, we sit through presentation after presentation, and read article after article, about preventing diabetic foot complications like ulcers, Charcot and amputations. But the most important conversation we can have is how to prevent diabetes in the first place!
Erick J Janisse, CO, CPed, Sr. Manager of Training and Education, Dr. Comfort Program Director, Midwest School of Modern Pedorthics

10-10:15a **Break, Exhibit Hall**

10:15a-11:15a **Ancillary Comfort Fitting Aides***
Chris Case PediFix

11:15-12:15 **Observational Gait Analysis utilizing AI enabled micro drone technology**
During this session, the learner we will explore utilizing AI enabled, micro drone technology to do basic observational gate analysis. Case studies utilizing readily available, low-cost drones (Amazon) will be presented. A live demo will also be presented.
This session is valuable for the orthotist, prosthetist, and pedorthist.
Rick Sevier, BS Ed. BOCO CPOA CPED ASO ASP

12:15-1:15p **Lunch, Exhibit Hall**

1:15-3:15 **Wound care Basics Offloading**
Teresa Alpert CO, C. Ped, Faculty Orthotist, Pedorthist, University of Colorado Department of Orthopedics, Division of Foot and Ankle

3:15-3:45p **Break, Exhibit Hall**

3:45-5:45p **Digital Scanning and Fabrication Technology in the Custom Orthotic Market***

This lecture explores the evolving landscape of digital scanning and fabrication technologies in the custom orthotic industry, offering a comprehensive overview of modern and traditional methodologies. Attendees will examine multiple casting techniques and patient stance protocols, comparing their clinical and technical implications. The session will cover the growing role of mobile 3D scanning applications, alongside established tools such as the Amfit Contact Digitizer. We will analyze digital workflows from data acquisition to device fabrication, including 3D printing and CAD/CAM milling systems, highlighting their impact on production efficiency, customization, and scalability. Traditional methods, including foam impression kits and plaster casting, will be discussed in contrast to digital alternatives, emphasizing their ongoing relevance and limitations. By integrating insights across these technologies, this lecture aims to equip clinicians, lab technicians, and industry professionals with a deeper understanding of current options and future trends in orthotic design and manufacturing—empowering them to make informed decisions tailored to their practice and patient needs.

Kyle Ballinghoff, MEd, C.Ped, General Manager, Director of Sales & Marketing, AMFIT
***Anticipated**

Pedorthics, Saturday
October 18, 2025

7-8a	**Breakfast, Registration Exhibit Hall**
8-10a	**Adapting MEDI Foot Orthotics to Address Common Pathologies** The objective of this module is to familiarize the learner with the indications and methods used to adapt various MEDI prefabricated foot orthotics to address common pathologies. Modifications to be discussed: • Forefoot Medial Post • Forefoot Lateral Post • Horseshoe Heel Pad • Rearfoot Neutral Post • Navicular Relief • Crescent Met Pad • Neuroma Pad • Met Head Excavation • Met Pad • First Ray Cutout • Mortens Extension • Reverse Mortens Extension • Dancers Pad • Heel Sweet Spot • Raised / Lowered Arch **Rick Sevier, BS Ed. BOCO CPOA CPED ASO ASP**
!0-1015a	**Break, Exhibit Hall**
10:15a-12:15p	**Osteo-Arthritis Orthotic Management** • Prevalence of OA in the US • Understanding the gait cycle and why it is important • Stages of OA • Alignment and Bracing • Appropriate Products for OA **April Wilson CMPTA, BS, CKTP, CI National Clinical Educator Footcare & Orthopaedics**