



Wednesday, September 6
8:00 AM - Noon

Manufacturers' Workshops Tier A

The following workshops in Tier A run concurrently within this track.

Tillges Technologies Introduces the NEW Carbon Fiber Pre-Preg PROPULSION™ Bracing Line including AFO, KAFO and Partial Foot Prosthetic Solutions (MWA-1)

Sponsor: Tillges Technologies / TCOP

The next generation of lower extremity carbon pre-preg bracing is here! Now featuring a modular molded inner boot design offering total heel control and adjustability, custom energy storing and release posterior strut, and ultra-lightweight design. Join us to learn about the new Propulsion line of pre-preg bracing. This presentation will feature an introduction to the application and benefits to the patient. There will be several case studies presented of the different braces on a variety of patients with different diagnoses.

Become the specialist in wound care in your area and achieve results that exceed your competition! Learn about the PressureGuardian system from Tillges Technologies, which allows you to measure pressure in orthotic or prosthetic devices quickly and efficiently. Presenters will also discuss the Minnesota Boot, a custom fabricated orthosis for lower extremity wound and deformity management.

Get Their Gait Straight! A Collaborative Approach to Carbon Composite AFOs (MWA-2)

Sponsor: Allard USA

Don't gamble with little feet! Learn why 89% of patients prefer carbon fiber. Review why The Ohio State University Wexner Medical Centers Department of Neurology study which concludes "Anterior shell carbon fiber AFOs should be considered for most neuromuscular patients with distal leg weakness." A carbon composite AFO, however, is only as good as its fit. In this four-hour course, you will:

- Become an expert on assessing patients to determine the best style of carbon composite AFO offering the dynamics and propulsion needed for a patient's specific challenges
- Learn how to properly align and customize that AFO to ensure optimal function and longevity
- Review assessments of functional and postural outcomes of the pediatric CP patient
- Understand the biomechanics of the hip, factors leading to hip displacement and the orthotic management of these deficits

Chronic and Acute Stance Control Patient Application Management (MWA-3)

Sponsor: Becker Orthopedic

The formula for success in the application of a stance control orthosis is tied to a proper assessment of the patient. Chronic and acute patient categories present unique practitioner challenges in the use of the technology. Success has been directly linked to a physical trial with an immediate fit orthosis. In this approach, a practitioner can ascertain if any physical restraints exist from the late effects of a neuromuscular deficit in chronic patients. In acute cases, the practitioner can initial the task of gait retraining and determine if sufficient muscular strength exists for the patient to initiate over the ground weight bearing. In either category, patients undergo a physical challenge through the use of the trial orthosis and if successful can transition to a custom device. The workshop will cover the unique physical limits of acute and chronic applications, as well as a practicum on the use of the PreStride™ immediate fit stance control orthosis.

Socket Selection Criteria and Alignment Considerations (MWA-4)

Sponsor: ALPS

Prosthetists have come to adopt liners with pins and locking devices as their main stay suspension method for trans-tibial amputees. While this provided them with major improvements over previous suspension methods available, not all

amputees have the proper tissue and limb configuration to be fitted with locking suspension. The stresses created at the distal end will cause skin and suspension problems in a good number of amputees. Additionally, the largest segment of the amputee population more specifically geriatric and less functional individuals, often have difficulty in donning of a pin.

Aligning Your Documentation: Clearing Medical Necessity and Other Major Reimbursement Roadblocks (MWA-5)

Sponsor: Ottobock

Be ready for the audits. Keep up to date with the latest audits in orthotics and prosthetics. Learn the documentation rules and the best ways to make sure your documentation is complete, efficiently handled, and ready for a clean claim submission.

Orthomerica OWLS Certificate Course (Part 1) (MWA-6)

Sponsor: Orthomerica Products Inc.

This eight hour certificate course will cover the disease process of diabetes including diabetic neuropathy, wound development, and wound healing using Orthomerica's OWLS system. Charcot Arthropathy treatment with Orthomerica's shark-o will be discussed, as well as Orthomerica's newly released "tri-planar adjustable, carbon/glass filled foot sole. There will be a live patient evaluation and OWLS treatment by Dr. Suecof and Jeff Miller. Attendees will receive OWLS certification and will be listed as such on the Orthomerica search engine.

Össur Innovation and Outcomes (MWA-7)

Sponsor: Össur Americas

A comprehensive look at how the latest innovations and technology by Össur contributes to clinical outcomes of the end user. This workshop will review the latest products with discussion on the design, benefits and how they contribute to successful clinical outcomes.

The Providence Nocturnal Scoliosis System (MWA-8)

Sponsor: Spinal Technology, Inc

This program identifies a nocturnal option in the clinical treatment of adolescent idiopathic, juvenile, and neuromuscular scoliosis. The presenter will educate the practitioners on how to address the needs of these patients via thorough review of scoliosis principles. The intent is to increase the awareness of the practitioner to this nocturnal style of scoliosis bracing through review of X-ray interpretation, force application effects and over correction, casting techniques and the usage of an innovative pressure-sensitive film, etc.

O&P Fabrication is Changing. Don't Get Left Behind. (MWA-9)

Sponsor: Vorum

O&P clinics around the world are rushing to start using Computer-Aided Design and Manufacturing (CAD/CAM) tools, and interest in 3D printing is quickly growing. Frozen reimbursement rates, a shortage of clinicians, and rising patient expectations are among the many challenges driving these surges. Attend this hands-on workshop to learn how Spinal Technologies, Shriners Hospitals for Children, Orthomerica, and hundreds of others are using CAD/CAM to boost clinician productivity by up to 600% and better serve patients. Also learn how can you help your staff smoothly migrate from plaster to a virtual 3D world on a computer.

Beyond the DAFO Basics – Brace Planning for Crouched Gait (MWA-10)

Sponsor: Cascade Dafo, Inc.

What is crouching? Is it simply flexed knees during gait? The answer is not as straightforward as it seems. Join us as we look at the process of assessing and planning bracing for patients who present with crouched gait. Through video case studies and active participation, we'll explore dynamic brace selection, casting, ordering, fitting, and optimizations to help patients with excess dorsiflexion achieve the best possible outcomes.

Improving Lives Through Innovation (MWA-11)

Sponsor: RUSH Foot

Ability Dynamics is challenging the prosthetic foot market with the RUSH™ foot, a remarkable innovation that integrates a new approach to foot design with new composite materials used in the aerospace industry. This radical departure from the industry status quo of using carbon fiber composites and traditional designs has resulted in improvements in gait and a reduction in socket issues – and ultimately a better quality of life for amputees. Practitioners will also learn how improvements in design and composite materials can impact their practice by eliminating unbillable repairs and warranty returns.