



## Manufacturer's Workshops – Tier A

**Wednesday, October 7, 2015**

8:00 AM – Noon (4 hour- workshops)

### **Socket Selection Criteria and Alignment Considerations (MWA-1)**

*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.

### **Is CAD/CAM right for you? (MWA-2)**

*Sponsor: Vorum*

How are Spinal Technologies, Texas Scottish Rite Hospital for Children, Orthomerica, and others using CAD/CAM to grow their businesses and better serve patients? What actual benefits have been measured? What are the potential pitfalls, and how can you avoid them? Is CAD/CAM right for you? Combining real case studies and product demonstrations, this workshop will address these important questions. With 25 years of product development experience and 650 installations, Vorum is the foremost expert on the successful application of CAD/CAM in the O&P industry. Continental breakfast, snacks, and refreshments served

### **Mechatronic Systems: Solutions for Optimal Patient Outcomes with X3, Genium, C-Leg® 4, Compact and Triton® Smart Ankle (MWA-3)**

*Sponsor: Ottobock*

This workshop will discuss the features and benefits of Ottobock microprocessor knees and the Triton Smart Ankle. These components are used to improve the functional outcomes of TF and TT users. This presentation will focus on differentiating our various knees and describing which functions are most appropriate for users' activity levels and functional needs. A patient demonstration and programming on both Genium/X3 and Triton Smart Ankle will be performed. A discussion of current research regarding microprocessor knees will complete the session.

### **Innovation - Knees, Materials and Newly designed O&P products... (MWA-4)**

*Sponsor: ST&G*

Introducing the VGK Prosthetic Knee – the VGK offers a patented technology known as Vortex Metering System (VMS). VMS offers the patient intuitive control, superb stumble recovery,

stance flexion, variable cadence / variable weight and supports positive knee control when backing up. The VMS Technology allows the VGK knee the freedom of no batteries, sensitive electronics and is waterproof making it an excellent alternative solution to a MPK. Due to the advanced functionality and stability for the K2 to K4 level amputee, patients are calling the VGK the perfect rugged "Recreational Knee". Learn about innovative materials such as NSP, PARALEX and dynamic casting techniques using C-FORM. Finally here! No WIRES. Check out the MECHANICAL MAGLOCK. The Magnetic Suspension System has been completely re-designed to achieve 90lbs of suspension. Preview the new EZ ADAPT low profile LOCK which offers rotation while providing a clean and polished look and much, much more.

### **An Improved Transfemoral Socket System (MWA-5)**

*Sponsor: WillowWood*

This workshop will detail the components of a system developed by WillowWood in response to a Department of Veterans Affairs request to improve the fit, function and comfort of prosthetic sockets for Veterans with transfemoral amputations. Fabrication and fitting techniques, along with outcomes research and a demonstration, will be provided.

### **Material Bonding for Orthotics and Pedorthics. (MWA-6)**

*Sponsor: Nora-Systems & Renia USA, Inc*

It is generally agreed that bonding is widely practiced and poorly understood. The materials used today are much different than those used in the 1960's when many of the current adhesives were designed. Health & Safety at work have developed and with more young women entering the work place, education on the contents of adhesives is important. The goal of is to layout the way modern adhesives differ, their components and how they work, or fail. During the practical program we will demonstrate many of these different adhesives and look at why each is earning its place, in OP&P

### **Gomez Orthotic Spine System (MWA-7)**

*Sponsor: Friddle's Orthopedic Appliances, Inc*

This course will provide the practicing orthotist with an in-depth overview of the Gomez Orthotic Spine System approach to the comprehensive management of spinal pathologies, including idiopathic scoliosis, neuromuscular disorders as well as degenerative spine disorders. The emphasis will be on proper spine alignment and balance and the importance of a detailed clinical evaluation, combined with objective assessment of tri-planar spinal flexibility, to create a comprehensive biomechanical plan for successful treatment of spine deformities and instabilities. Each participant will learn the use of simple tools to measure and record clinical signs to be used in the orthosis design.



Questions?

Contact AOPA headquarters at [assembly@aopanet.org](mailto:assembly@aopanet.org) or (571) 431-0876

Registration and travel information is available at [www.AOPAnet.org](http://www.AOPAnet.org)

We look forward to seeing you in San Antonio, October 7-10 at the Henry B. Gonzalez Convention Center, 200 Market Street, San Antonio, Texas.