



## **Manufacturers Workshops Tier E**

### **Thursday, September 8, 2016**

### **1:00 – 5:00 PM**

#### **Touch Bionics' Full and Partial Hand Solutions (MWE-1)**

*Sponsor: Touch Bionics*

Attendees will learn about the latest innovations in upper limb prosthetic technologies. The i-limb™ quantum is the first upper limb prosthesis that can change grips by a simple gesture. This workshop will also cover the i-limb control methods: gesture-control, app control, muscle control, and proximity control. In addition, this workshop will cover all new developments with the full range of Touch Bionics' products – i-limb quantum, i-limb revolution, i-limb ultra, i-digits, and livingskin™. Attendees will also learn the best practices for conducting patient evaluations, functional testing, and therapy training protocols as well as get introduced to the latest product developments.

#### **A Breakthrough in Socket Designs: The Infinite Socket TF and Infinite Socket TT (MWE-2)**

*Sponsor: LIM Innovations*

Introducing the Infinite TF and Infinite TT. A blend of proprietary materials and modular components give the custom-molded, dynamic socket product line unprecedented versatility for patient and practitioner alike. The four-hour workshop will provide background on LIM Innovations, teach the skills needed to fit the Infinite Socket TF and Infinite Socket TT. If you are interested in attending and receiving more information prior to the workshop, please RSVP to [RSVP@LIMInnovations.com](mailto:RSVP@LIMInnovations.com).

#### **Socket-less Socket: The End of Rigid Sockets (MWE-3)**

*Sponsor: Martin Bionics Innovations*

We've re-invented sockets from the ground up. No more static socket shape. No more hard ischial seat. No more loss of suction. Learn how to use this new set of tools to create the most versatile socket on the market. We'll also discuss how to use the Swing Brim which will allow you to retrofit any existing socket with the flexible brim form the Socket-less Socket as well as other Martin Bionics socket technologies. Find out more at [MartinBionics.com](http://MartinBionics.com) or call 844-MBIONIC.

#### **Upper Limb Prosthetic Advances (MWE-4)**

*Sponsor: Steeper USA*

SteeperUSA a leading manufacturer of upper-limb prosthetic products with more than 90 years' experience in the O&P industry. The award-winning small bebionic hand is the latest addition to SteeperUSA's product portfolio. SteeperUSA offers a comprehensive range of upper-limb prosthetic components, including myoelectric hands, electric and body-powered systems, and the award-winning Skinergy Plus below-knee cosmesis.

#### **Footwear- It's More than Diabetics (MWE-5)**

*Sponsor: Apex Foot Health Industries/OHI*

Dispensing footwear for your Diabetic Patients has become an integral part of your practice, but very time consuming. Learn about the different lasts of footwear we offer, not only for your diabetic patients, but for your patients that require footwear to accommodate, FO's, SCFO's and AFO's. We will review various lower extremity pathologies that require orthopedic appliances for proper balance and gait,

including PTTD and CMT and how to choose the right brace and footwear for your patients. We will also discuss our new and unique Dynaflange pre fabricated foot orthosis system.

### **Navigating New Pathways: Orthotic Tools for Maximizing Therapeutic Outcomes (MWE-6)**

*Sponsor: Surestep*

The presentation is a multimedia, interactive Power Point presentation with photos and video that invokes good open discussion and group interaction. Several traditional and Surestep sample orthoses are used to demonstrate the contrasts in orthotic theory, concept and treatment modalities.

To determine treatment modalities, we need to understand what is typical vs. atypical. When the normal development is disrupted by tone, weakness, or other abnormalities, we must comprehend the cause and effects to properly implement orthotic intervention. This presentation discusses development from 0-3, 3-6 and 6 plus. We then discuss deficits, functional impairments and specific solutions including innovative Surestep orthoses.

### **Innovation - Knees, Materials and Newly Designed O&P Products... (MWE-7)**

*Sponsor: ST&G USA Corp.*

Presenting the VGK Prosthetic Knee – offering patented technology known as Vortex Metering System (VMS). VMS offers intuitive control, stumble recovery, stance flexion, variable cadence, variable weight and supports positive knee control when backing up. VMS Technology allows the freedom from batteries/sensitive electronics and is waterproof - an excellent alternative solution to a MPK. Patients are calling it the perfect rugged "Recreational Knee".

Learn about innovative materials such as NSP, PARALEX and dynamic casting techniques using C-FORM.

Finally here! No WIRES / No Battery. The MECHANICAL MAGLOCKmagnetic Suspension System has been completely re-designed to achieve 90lbs of suspension.

### **Shedding Lite on Spinal (MWE-8)**

*Sponsor: Allard USA*

Discover how to make a custom LSO/TLSO in less than an hour with only one patient contact through a combination of lecture and hands-on fabrication. Learn how to utilize this innovative material to increase referrals and profitability in your clinic. Case studies, patient selection, and outcomes will be presented in this interactive workshop.

### **Chronic and Acute Stance Control Patient Application Management (MWE-9)**

*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 retaining 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.

### **Are You Up for the Challenge? The Explosion of Adaptive Sports at every Skill and Activity Level. (MWE-10)**

*Sponsor: Ottobock*

Learn about the variety of products, fitting techniques, and the related training and rehab skills. You'll

leave with a great way to differentiate your clinic and keep your patients excited about getting off the couch!

**The Providence Nocturnal Scoliosis System (MWE-11)**

*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.