Prosthetics-Madrid Ballroom I

Friday February 14, 2020

7:00-8:00 Registration and Breakfast

8-10 Spring Ahead: Choosing a Foot for your Active Patients
With more energy-storing prosthetic feet being introduced to the market every year, the task of choosing a foot for an active patient is constantly becoming more complicated. This presentation will review the materials and design characteristics of energy-storing feet, along with the clinical considerations involved in selecting the most appropriate option. Attendees will receive an overview of current research on energy-storing feet, along with an introduction to WillowWood’s most recent entry into this field, to help practitioners make informed decisions to best address the functional needs of their active patients. Presented by: Andy Marsland, LPO,BOCPO,CP, WillowWood

10-10:30 Break-Exhibit Hall

10:30-12:30 Overview of Various Hydraulic Ankles – Sam Brouillette, CP, CFo, SPS Clinical Services

12:30-1:30 Lunch-Exhibit Hall

1:30-3:30 Overview of Various Hydraulic Ankles – Sam Brouillette, CP, CFo, SPS Clinical Services

3:30-3:45 Break-Exhibit Hall

3:45-5:45 Freedom Innovations iQ Vacuum System
The audience will understand the fitting criteria and programming for the Freedom Innovations’ iQ Vacuum System. This will include, but is not limited to: benefits of elevated vacuum to the user, selection based on patient needs, assembly of the product, and programming using the iQ app. At the conclusion of the program, the clinician will leave with a full understanding of the iQ elevated vacuum system offered by Freedom Innovations. Presented by Tom Nomura, CPO, Director of Clinical Services, Freedom Innovations

Prosthetics-Madrid Ballroom I

Saturday, February 15, 2020

7:30-8:00 Breakfast-Exhibit Hall

8:00-10:00 I-FIT Transtibial Workshop
This lecture will present data from IFIT’s research article entitled, “A Prospective Assessment of an Adjustable, Immediate Fit, Transtibial Prosthesis” that was recently accepted by the Journal of PM&R. The study featured a single group pre-post assessment of the immediate fit prosthetic in comparison to participant’s current conventional prosthesis. Outcome measures included questionnaire, pressure and gait biomechanics. Two case studies will also be presented from prosthetists that have been using the IFIT device in their practice. Will also present our latest innovation- the transfemoral iFIT
prosthetic, which was designed to be immediately fit and fully adjustable just like the transtibial version. *Presented by: Joshua Mullins, IFIT Prosthetics, LLC*

10:00-10:30 Break-Exhibit Hall

10:30-12:30 TBD

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**Friday February 15, 2020**

**Orthotics-Madrid Ballroom II**

7:00-8:00 Registration and Breakfast

8:00-9:00 **Understanding And Treating Charcot Foot**

This session will begin with a discussion on concepts of how and why the Diabetes patients have Charcot Arthropathy, and how to use Orthotics and Pedorthics in management of some of the most challenging feet we see in our practices. *Presented by: Dennis Janisse, C.Ped., National Pedorthic Services, Inc.*

9:00-10:00 **Pes Cavus Foot Not Really That Hard to Manage, Why, What and How**

Sometimes managing the Pes Cavus Foot can seem difficult and challenging, but for the most part it is straightforward, addressing similar issues/characteristics. In this presentation we will discuss types, causes, and how to treat the Cavus Foot with foot orthoses and footwear. *Presented by: Dennis Janisse, C.Ped., National Pedorthic Services, Inc.*

10:00-10:30 Break-Exhibit Hall

10:30-12:30 **Advanced Lower Extremity Orthotic Solutions: current technologies, materials, and designs**

Course will provide advanced clinical orthotic solutions and unique design options for patients who present with various lower extremity clinical pathologies, muscular paresis or paralysis. The presenter will review the unique designs and material sciences behind more dynamic AFOs and KAFOs, Stance Control solutions, innovative bars and joints options, as well as Functional Electrical Stimulation protocols, all with a focus of improving gait biomechanics, reducing energy expenditure, and improving quality of life, while advancing activities of daily living. *Presented by: Liz Hillen, M.Ed., CPO, LPO Clinical Specialist, SPS*

12:30-1:30 Lunch-Exhibit Hall

1:30-3:00 **SpryStep OTS Series and Custom Options**

This course covers the off the shelf SpryStep Series AFO and SpryStep custom options. The goal is to provide practical skills and knowledge that will improve clinical outcomes in patients
suffering from foot drop and proximal knee instability. Course will cover clinical practice guidelines for OTS and custom AFO options, material science overview, gait re-training protocol and dry wrap casting guidelines. *Presented by: Will Cox, Director of Clinical Education, Thuasne, USA*

3:30-3:30 **Dynamic KAFO**
The Dynamic KAFO course will benefit practitioners looking to expand their clinical expertise in prescribing KAFO’s. This course covers casting protocol, evaluation techniques, order form options and patient case studies. *Presented by: Will Cox, Director of Clinical Education, Thuasne, USA*

3:30-3:45 Break-Exhibit Hall

3:45-5:45 TBA

**Saturday February 15, 2020**

**Orthotics-Madrid Ballroom II**

7:30-8:00 Breakfast-Exhibit Hall

8:00-10:00 **AFO Customization and Product Selection**

- Learn about appropriate AFO selection using evidence-based outcome evaluation tools
- Learn tips and techniques to assist with the optimization of the performance, comfort and longevity of composite AFO’s
- Become familiar with customization techniques that will assist with a patient’s stability, function and activity level using an assistive device
- Enhance your understanding of the proper shoe selection for desired outcomes using carbon fiber AFO’s
- Review basic anatomy and biomechanics of the foot and ankle complex

*Presented by: Teresa Alpert, CO, CPed, PMAC*

10:00-10:30 Break-Exhibit Hall

10:30-12:30 TBA