



Pedorthic Education Program

Don't miss this intriguing pedorthic education program which begins on Wednesday, September 6 with a full day of Manufacturers Workshops. Thursday, September 7 (Day 2) focuses on achieving the best outcomes while treating the different stages of diabetes. Friday, September 8 (Day 3) starts off with an in-depth symposia on Managing Charcot-Marie Tooth Disease while the afternoon provides an opportunity to learn, touch and experience advance technologies such as scanning, CAD and 3-D Printing. We wrap up our final day, Saturday, September 9 (Day 4) with a look to tomorrow from researchers.

The 2017 World Congress begins each day with a general session and then offers five distinct education tracks (Pedorthic, Orthotic, Prosthetic, Technical and Business) to provide you with the dedicated learning experience you've come to expect from AOPA and its partners.

Wednesday, September 6

8:00 AM – Noon **Concurrent Manufacturers Workshops**

Noon – 1:00 PM Lunch on your own

1:00 – 5:00 PM Concurrent Manufacturers Workshops

5:30 – 7:30 PM **DON'T MISS THE SHOWSTOPPING OPENING RECEPTION** as exhibitors greet you—Vegas Style. During the reception exhibitors will compete to show you the best Vegas has to offer through costume, props and entertainment. Be sure to vote using the mobile app AOPA365 under the contest section. Refreshments will be served. The Welcome Reception is included in your full conference registration. You can purchase a guest ticket for \$45.

Thursday, September 7

7:00 AM **Breakfast**
Breakfast will be available to attendees prior to the general session.

7:30 – 9:00 AM **General Session (GS1)**

Senator Dean Heller (R-NV) Invited

Dean Heller was sworn in to the United States Senate on May 9, 2011. Prior to



Heller's service in the Senate, he served as Nevada's Representative to the Second Congressional District, as Nevada's Secretary of State for three terms, and in the Nevada State Assembly for two terms. He currently serves on the Committee on Finance; Banking, Housing, and Urban Affairs Committee; Committee on Veterans' Affairs; and the Commerce, Science, and Transportation Committee. These committees provide him a wide variety

of opportunities to address his top priorities -- creating jobs, restoring Nevada's

economy, keeping families in their homes and ensuring our veterans receive the benefits they earned and deserve.

9:00 – 10:30 AM

Coffee Break in Exhibit Hall

Take advantage of this time to:

- Meet with exhibitors
- View and Learn about new products and service offerings from around the world
- Participate in Product Preview Theater Presentations
- Network with attendees
- Enjoy the Walk Through Time – Historical Display

10:30 – 11:30 AM

Managing the Diabetic Foot—An Update from Around the World (P1)

India - Rakesh Jain, CPO, LPO (Invited)

United States – Dennis Janisse, CPed

Sweden - Klaas Postema, MD, PhD

Thailand - Gulapar Srisawasdi, MD, CPed

Central America – representative from Mexico ISPO or Uniting Frontiers (Invited)

According to the International Diabetes Federation, in developed countries, one in every six people with diabetes will have an ulcer during their lifetime. In developing countries, foot problems related to diabetes are thought to be even more common. Diabetic foot problems account for up to 15% of healthcare resources in developed countries. It has been estimated that foot problems may account for as much as 40% of the total available resources. This session will provide you with the opportunity to receive an update on Diabetic Foot Management from your international colleagues.

11:30 AM – Noon

Part I, Pre-Ulcer Stage: Diabetic Foot Screening and Evaluation (P2)

Gulapar Srisawasdi, MD, CPed

Foot ulcers and other lower-limb complications secondary to diabetes are common, complex, costly, and associated with increased morbidity and mortality. Strong evidence suggests that consistent provision of foot-care services and preventive care can reduce amputations among patients with diabetes. However, routine foot examination and rapid risk stratification is often difficult to incorporate into busy primary care settings. Data suggest that the diabetic foot is adequately evaluated only 12% to 20% of the time which is why it is important for all health care specialists to incorporate a stringent Diabetic Foot screening and evaluation as part of every patient encounter.

Noon – 1:30 PM

Lunch in Exhibit Hall

Product Preview Theaters

1:30 – 2:00 PM

Part II – Pre-Ulcer Stage (Continued): Off-Loading for Ulcer Prevention (P2A)

Brian Lane, C.Ped.

Up to 50 percent of people with diabetes eventually lose sensation in their feet, which is sufficient for them to injure themselves unknowingly. It is vital to offload these areas but due to the patients' inadequate sensation, they are unable to judge whether they have obtained pressure relief. We will discuss:

- role of insole: off the shelf vs custom made
- role of shoes: off the shelf vs custom made

2:00 – 2:30 PM	<p>Part II Ulcer Stage: Diabetic Management of the Foot Ulcer and Pedorthic Concern—What Physicians Want (P2B)</p> <p><i>Gulapar Srisawasdi, MD, CPed</i></p> <p>For many surgeons, the main objective in an amputation procedure is to salvage as much functional limb that will heal; for a pedorthist, the goal is to preserve and restore the patient’s functional level. During this segment of the program, we will discuss</p> <ul style="list-style-type: none"> • Post-partial foot amputation • Proper level of amputation: does it matter for pedorthists?
2:30 – 3:15 PM	<p>Part II Ulcer Stage (Continued): Insoles and Shoes for Partial Foot Amputation (P2C)</p> <p><i>Dennis Janisse, CPed</i></p> <p>The partial foot amputation is the most common type of amputation in the United States and occurs nearly twice as frequently as either the transfemoral or transtibial amputations. This portion of the program will review traditional and non-traditional treatment options for partial foot amputations.</p>
3:15 - 3:30 PM	Break
3:30 – 3:45 PM	<p>Part II Ulcer Stage (Continued): Off-Loading For Foot Ulcers (P3A)</p> <p><i>Dennis Janisse, CPed</i></p> <p>Review sample cases that provide new approaches to insole and shoe modification and useful ways to ensure that you are providing proper offloading. We will also review Plantar Pressure screening technology.</p>
3:45 – 4:30 PM	<p>Part III, Partial Amputation: Gait and Biomechanical Changes With Different Level of Amputation (P3B)</p> <p><i>Klaas Postema, MD, PhD</i></p> <p>This study reviews the gait and biomechanical changes with different levels of amputation.</p>
4:30 – 5:30 PM	<p>Part III, Partial Amputation (Continued): Usability, Adherence, and Communication with Patients (P4)</p> <p><i>Klaas Postema, MD, PhD</i></p> <p>Patients’ acceptance and adherence with devices can be influenced by a clinician’s communication skills.</p>
5:30 – 6:30 PM	<p>Centennial Celebration</p> <p>Join conference participants as we celebrate AOPA’s Centennial and 100 Years of the formalized O&P Profession with a Champagne Toast.</p>
6:30 – 9:30 PM	<p>Party with a Purpose</p> <p>Let’s celebrate 100 years of success—Las Vegas Style! Reserve your ticket for this elaborate 1920’s themed party at the 1923 Bourbon Bar—A Modern Speakeasy, immediately following the Centennial Celebration on Thursday, September 7. Enjoy extensive, prohibition inspired cocktails, a delicious dinner, live entertainment and a cigar lounge. Since this event is a fundraiser for the O&P PAC, rules apply. Tickets must be purchased separately but can be reserved in advance. Space is limited and the event will sell out.</p>

Friday, September 8, 2017

7:00 AM

Breakfast

Breakfast will be available to attendees prior to the general session.

7:30 – 9:00 AM

General Session (GS2)

The Friday morning General Session will include an awards ceremony as well as the best of show Award Winning Thranhardt Presentations

9:00 – 10:30 AM

Coffee Break in Exhibit Hall

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10:30 AM - Noon

Symposium: Current Strategies for Managing Charcot-Marie Tooth (CMT) Disease (P5)

David Cooney, PT, CPO

Kenneth Cornell, CO

Marmaduke Loke, CPO

David Misener, BSc (HK), CPO, MBA

CMT is the most commonly inherited disorder of the peripheral nervous system affecting 1 in 2,500 people, 2.8 million worldwide and 150,000 in the USA. Studies reveal most patients report a poor experience with orthotic/pedorthic management. This symposium will describe the pathology of the disease, mechanism of deformity, physical deficits and associated gait impairments. The panel of experts will present current orthotic and pedorthic strategies and advance tri-planar management.

1:30 – 4:30 PM

Focus on Technology (P6)

Jeremy Janisse, CPed

Additional Speakers to be announced

Learn about the latest technology in pedorthic care, including scanning, CAD/CAM and 3-D printing.

1:30 – 1:50 PM

Comparison of 3 Casting Methods for Custom Foot Orthoses (P6A)

Jinaup Song, DPM, PhD

Authors compared three casting methods used in fabrication of custom foot orthoses (CFOs) in 24 healthy asymptomatic subjects with flatfoot. Performance of each CFO was assessed by in-shoe plantar pressure and shoe comfort in a standardized shoe following one-month of wear. The presentation will discuss how newer techniques (3D laser scanner and new weight bearing corrected casting) compare to CFO's made from the traditional plaster of Paris cast.

4:30 – 5:30 PM

Poster Session

Research posters will be on display throughout the day on Thursday and Friday. The congress has dedicated an hour for you to meet with researchers and learn more about their presentation while enjoying a glass of wine.

5:30 – 6:30 PM

Happy Hour in Exhibit Hall

What better way of wrapping up a full day of learning than spending an hour in the exhibit hall enjoying refreshments and networking with your colleagues and exhibitors. The Happy Hour is hosted by exhibitors. A list of sponsors will be included in the final program and on the website to make it easier for you to partake in the fun.

Saturday, September 9

7:30 AM

Breakfast

Breakfast will be available to attendees prior to the general session.

8:00 – 9:00 AM

General Session (GS3)

Healthcare Delivery Systems from Around the World

The provision of orthotic, prosthetic, and pedorthic care varies from country to country due in part to differences in their Healthcare Delivery Systems. Government regulations, financing, patient access, and the integration of new technologies into O&P are just a few of the topics that an international panel of invited speakers will discuss in this symposium.

Attendees will listen to a series of overview presentations on the subject followed by a moderated panel discussion that hopes to provoke a stimulating and informative discourse with relevance to orthotists and prosthetists worldwide. The discussions will focus on the impact different healthcare systems have on the quality and delivery of orthotic and prosthetic care in each respective country represented.

9:00 – 10:30 AM

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10:30 – 10:50 PM

Rocker Shoes for Reduction of Ankle Motion – Implications for Pain and Stability (P7A)

Andrew Hansen, PhD

Hear a case study surrounding a new development on rocker shoes that dramatically reduces ankle motion and results in reduced ankle pain as well as reduced standing stability. We will also share a rocker shoe development kit approach where we improved the stability with only minor effects on the motion reduction.

10:50 – 11:20 PM

Advances In Shoe Closures Could Change the World (P7B)

Bret Bostock, CO

Novel footwear technologies attempt to improve human foot protection and the performance of OP&P devices.

Optimizing the closure of footwear is particularly important for lower extremity patients, regardless of diagnosis or device. In diabetes alone, the cumulative risk for a patient with developing complications is estimated to be 25% and costs Americans about \$23 billion in direct medical expenses each year. We have overlooked shoe closure for too long.

11:20 AM - Noon **Distinguishing Categories of Medial Column Ligamentous Failure (P7C)**

Ian Engelman, MS, CPO

The limitations of using X-rays for clinical evaluation becomes very evident when analysis of the Medial Column using 3D rendering is introduced. Our understanding of pathologies of the foot and ankle is taking a significant step forward, and this presentation will demonstrate the opportunities for an overhaul of our definitions. We will review the problems with the current lexicon, and through real time 3D analysis, suggest new ways of Distinguishing Categories of Medial Column Ligamentous Failure

