

Pedorthic Clinical Education Program

Register or learn more about the 2017 AOPA World Congress at www.opworldcongressusa.org.

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 symposium 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, 2017


8:00 AM – 5:00 PM **Concurrent Manufacturers' Workshops**

1:00 – 5:00 PM **Thranhardt Golf Classic**

5:30 – 7:30 PM **Welcome Reception**

Thursday September 7, 2017

7:00 AM **Breakfast**

7:30 – 9:00 AM  **General Session (GS1)**
Opening Ceremony and Keynote address

9:00 – 10:30 AM **Break in Exhibit Hall**

10:30 – 11:30 AM  **Managing the Diabetic Foot—An Update from Around the World (P1)**

India - Rakesh Jain, CPO, LPO

United States – Dennis Janisse, CPed

Netherlands - Klaas Postema, MD, PhD

Thailand - Gulapar Srisawasdi, MD, CPed

Guatemala - Luis Rodil (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

 **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 suggests 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 Theater**

1:30 – 2:00 PM

 **Pre-Ulcer Stage: Off-Loading for Ulcer Prevention (P3)**

Brian Lane, CPed

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

 **Ulcer Stage: Diabetic Management of the Foot Ulcer and Pedorthic Concern—What Physicians Want (P4)**

Gulapar Srisawasdi, MD, CPed

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:

- post-partial foot amputation
- proper level of amputation: does it matter for pedorthists?

2:30 – 3:15 PM

 **Ulcer Stage: Insoles and Shoes for Partial Foot Amputation (P5)**

Dennis Janisse, CPed

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.

3:15 – 3:30 PM

Break

3:30 – 3:45 PM

 **Ulcer Stage: Off-Loading For Foot Ulcers (P6)**

Dennis Janisse, CPed

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.

3:45 – 4:30 PM

 **Biomechanics of Gait and the Influence of Pedorthics (P7)**

Klaas Postema, MD, PhD

This presentation gives evidence about gait and the biomechanical changes due to shoe adaptations.



4:30 – 5:30 PM

Pedorthics: Usability, Adherence, and Communication with Patients (P8)

Klaas Postema, MD, PhD

Patients' acceptance and adherence with devices can be influenced by a clinician's communication skills.

5:30 – 6:30 PM

Centennial Celebration



Join conference participants as we celebrate AOPA's Centennial and 100 years of the formalized O&P Profession with a Champagne Toast.

6:30 – 9:30 PM

Party with a Purpose



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. 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.

Friday September 8, 2017

7:00 AM

Breakfast

7:30 – 9:00 AM

General Session (GS2)

AOPA Membership Meeting and Award Winning Thranhardt Presentations (C13)

9:00 – 10:30 AM

Break in Exhibit Hall

10:30 – Noon

Symposium: Current Strategies for Managing Charcot-Marie Tooth (CMT) Disease (P9)

David Cooney, PT, CPO

Kenneth Cornell, CO

Marmaduke Loke, CPO

David Misener, BSc (HK), CPO, MBA

Glenn B. Pfeffer, MD

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.

Noon – 1:30 PM

Lunch in Exhibit Hall Product Preview Theater

1:30 – 4:30 PM

Focus on Technology (P10)

(The following sessions run consecutively within this program.)

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 (P10A)

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.

1:50 – 4:30 PM

Technology and Pedorthic Care (P10B)

Jeremy Janisse, CPed

Receive an overview on the advancements in technology that every pedorthists needs to recognize to provide innovative care.

4:30 – 5:30 PM

Poster Presentation

5:30 – 6:30 PM

Exhibitor Sponsored Happy Hour in Exhibit Hall

Saturday September 9, 2017

7:00 AM

Breakfast

7:30 - 9:00 AM

General Session (GS3)

Symposium: Healthcare Delivery Systems from Around the World

9:00 – 10:30 AM

Break in Exhibit Hall

1:30 – 4:30 PM

Pedorthic Education (P11)

(The following sessions run consecutively within this program.)

10:30 – 10:50 AM

Rocker Shoes for Reduction of Ankle Motion—Implications for Pain and Stability (P11A)

Andrew Hansen, PhD

Klaas Postema, MD, 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 (P11B)

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 - Noon

Distinguishing Categories of Medial Column Ligamentous Failure (P11C)

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

Noon – 1:00 PM

Lunch on your own