

THE PREMIER MEETING FOR ORTHOTIC, PROSTHETIC, AND PEDORTHIC PROFESSIONALS.



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AOPA National Assembly

SEPTEMBER 12-15, 2024 | CHARLOTTE, NC

2024 AOPA National Assembly

Program

Exhibits. Education.

Networking. ▶▶▶▶

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AOPA National Assembly

SEPTEMBER 12-15, 2024 | CHARLOTTE, NC



American
Orthotic &
Prosthetic
Association



THE PREMIER MEETING
FOR ORTHOTIC,
PROSTHETIC, AND
PEDORTHIC
PROFESSIONALS.

Membership
Has its Benefits:
AOPA is centered
on your success!

MEMBERS SAVE
\$300+

on Assembly
Registration



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Exhibits.
Education.
Networking.

Welcome

President's Message 2024



It is my pleasure to welcome you to the 2024 National Assembly on behalf of AOPA's Board, Assembly Planning Committee, and staff! We are thrilled to have you join us for what promises to be an informative, inspiring, and impactful event.

All have been working hard over the past year to ensure the 2024 National Assembly provides you with the best in clinical, business, and technical education. Over the next few days, you will have the opportunity to hear from distinguished speakers, attend sessions, and engage with leaders and peers from around the country. You will also have the opportunity to see and learn about the latest technologies and services from our manufacturer members. The 2024 National Assembly is intended to ignite your passion for O&P. Plan to leave energized with new knowledge to apply to your businesses and practices.

It all kicks off Thursday evening with our Welcome to Charlotte Reception in the Exhibit Hall. We hope all of you will spend time there learning about the products and services that our manufacturer members and other exhibitors have developed to improve the lives of the individuals we serve. As always, there will be an added layer of fun, with food and entertainment.

Then, join us Friday morning for our keynote speaker: Chuck Gallagher who will speak to us on the hot topic, AI. Friday evening provides another opportunity to enjoy the Exhibit Hall with your colleagues during the Exhibitor-Sponsored Happy Hour during which you will get to experience the excitement of being in a racing town.

Saturday morning's General Session will feature the popular Thranhardt lectures. During Sunday morning's general session, you'll learn what AOPA has been working on this year, as well as to meet AOPA's 2024-25 leaders, and celebrate this year's award winners.

On the education front, you won't be disappointed by the breadth and depth of the options available. Customize your schedule to learn about strategies to grow your business; hear the latest on innovative clinical care for those living with limb loss and limb difference; and explore state-of-the-art technologies to learn how to incorporate them into your business and practice. In addition, most of the education offered will be available on our virtual platform for 60 days, starting October 1st. This will enable you to earn around 100 CEs.

During your free time, get out and explore Charlotte. It is a great city with a lot to see and do, I hope everyone takes advantage of all it has to offer.

The National Assembly strives to create an environment that fosters learning, collaboration, and innovation. We encourage you to take full advantage of the opportunities to share your knowledge, exchange ideas, and build lasting connections.

I want to extend my thanks to our sponsors, partners, speakers, and volunteers who have made the 2024 National Assembly possible. Your support and contributions are invaluable.

I also want to thank you for being here to help make the 2024 National Assembly a success. Welcome to Charlotte and enjoy the 2024 National Assembly!

Best,

Mitchell Dobson, CPO, FAAOP

Earn CE Credits





General Information

AOPA ANTITRUST COMPLIANCE POLICY

AOPA has a policy of strict compliance with federal and state anti-trust laws which serve to prohibit agreements, combinations, and conspiracies in restraint of trade. Attendees at the AOPA National Assembly should avoid discussing certain subjects when they are together at any formal or informal gathering. The following guidelines are to be adhered to at all times during the Assembly:

- DO NOT discuss prices, fees or rates, or features that can impact prices such as discounts, costs, terms and conditions of sale, warranties, or profit margins.
- DO NOT agree with competitors as to uniform terms of sale, warranties, or contract provisions.
- DO NOT exchange data concerning fees, prices, production, sales, bids, costs, customer credit, or other business practices.
- DO NOT agree with competitors to divide up customers, markets, or territories.
- DO NOT agree with competitors not to deal with certain suppliers or others.
- DO NOT try to prevent a supplier from selling to your competitor(s).
- DO NOT discuss your customers with your competitors.
- DO leave any meeting (formal or informal) where improper subjects are being discussed. Tell everyone why you are leaving.

Any questions about AOPA's antitrust policy should be directed to AOPA's Executive Director.

BUSINESS CENTER

The Charlotte Convention Center (CCC) has a UPS Store onsite that handles all shipping needs. Please scan the QR code for the on-site UPS Store's shipping information. Contact the number listed there with any questions/arrangements you may have. Packages will not be accepted at the CCC unless they are shipped per these requirements.



The Westin also has a Business Center available for your convenience.

BADGES AND TICKETS

Badges must be worn to all functions. Your badge is your pass to the Exhibit Hall and the education sessions. It also ensures that you are able to greet and be greeted by name by your colleagues and friends. Unless noted otherwise, optional events require tickets. Please remember to bring your tickets with you to the event. If you ordered tickets with your advance registration, you will find them with your badge. For the Women in O&P Luncheon and the Pre-Show Workshops, there will be a special code on your badge. If you are missing tickets, please go to registration for verification and replacement. There will be a \$50 fee for the replacement of a lost badge.



Access the digital version of the Charlotte Visitors Guide or request a printed copy at: www.charlottesgotlost.com/city-guide.

CONTINUING EDUCATION CREDITS

	Wed 9/11	Thurs 9/12	Fri 9/13	Sat 9/14	Sun 9/15	Total Cat 1	Exhibit Hall (5 for BOC)	Total all Credits (39 BOC)
Business	0	2	4.5	4.25	2.25	13	3	
O&P Clinical	7	7	8.5	8	3.5	34	3	
Technical	0	7	4.5	4.5	1.5	17.5	3	
Pedorthic	7	7	4.5	4.5	1.5	24.5	3	
Digital	0	7	4.5	4.5	3.5	19.5	3	
Total Available	7	7	8.5	8	3.5	34	3	37



BOC
Board of
Certification/Accreditation

EXHIBIT HALL HOURS

- **Thursday**, September 12 5:30 PM – 7:30 PM
(Welcome Reception)
- **Friday**, September 13 9:00 AM – 6:30 PM
(Exhibitor-Sponsored Happy Hour 5:15 PM – 6:30 PM)
- **Saturday**, September 14 9:00 AM – 4:00 PM



FOOD AND BEVERAGE

Complimentary breakfasts and lunches are available for Full Conference meeting attendees. Lunch on Friday and Saturday will be in the Exhibit Hall from 12 p.m. until 2 p.m. Breakfast will be in Richardson Ballroom AB foyer on Friday, Saturday, and Sunday from 7:30 a.m. until 8:00 a.m.

GUESTS

Please do not ask those who are not registered for the National Assembly to meet you in the Exhibit Hall. They will not be permitted to enter without a badge. No exceptions will be made. Use the registration area as your meeting point. Guests, spouses, and children qualify for reduced registration rates. Please see registration personnel if you have questions.

LOCATION OF EVENTS

The National Assembly Exhibit Hall and education courses will be held at the Charlotte Convention Center this year.

Street level entry at South College Street will bring you to Concourse A, where Registration is located. The Exhibit Hall is across from Registration, one floor down in Hall A. A skybridge entrance connects to the Westin near Convention Center Room W211.

Please note that the Charlotte Convention Center is split in half by a Light Rail on the Meeting Level (200 rooms). The Light Rail separates the East Side (rooms with E in front of the room number) and West Side (rooms with W in front of the room number) on the Meeting Level floor. To switch from the East to the West Side, you must go down to the Concourse/Street Level to switch sides.

East Side rooms will be where the Manufacturer Workshops are on Thursday, as well as the Richardson AB Ballroom for General Sessions.

West Side rooms will be where the concurrent education sessions are on Friday through Sunday.

AOPA INFORMATION AND RESOURCE CENTER

Staff members are available to help you with directions, to answer questions and to address concerns. If you have questions on any aspect of the meeting, whether it is the location of an education program or a question about earning continuing education (CE) credits, stop by AOPA Information and Resource Center desk. An Information Desk will be located at the Registration Desk in Concourse A during Registration hours on Wednesday – Saturday. On Thursday and Friday, there will be an Information Desk in the East Wing outside E212. This Information Desk will move Thursday at 5:30 p.m. to the Exhibit Hall and will remain there for the duration of the Exhibit Hall hours, ending on Saturday at 4:00 p.m.



INTERNET

We are pleased to share complimentary, basic internet at the Charlotte Convention Center. Use the **“Complimentary Internet”** network to access it. You will be prompted to create an account. Once you create an account, a verification email will be sent, and you will then be able to get online. Please note that this is not available in the Exhibit Hall.



MOBILITY ASSISTANCE DEVICE SEATING AREAS

At the front and back of each room, you will find some spaces with seating removed/more space between seating to allow for mobility assistance devices.

LOST AND FOUND

The National Assembly registration desk will serve as the drop-off and pick-up point for all lost and found items. At the end of each day, the items will be handed over to Charlotte Convention Center Security.

MEMBERSHIP INFORMATION

Want to become an AOPA member or renew your membership? Stop by the **AOPA Member Hub (#1106)** located in the Exhibit Hall.

MESSAGE CENTER

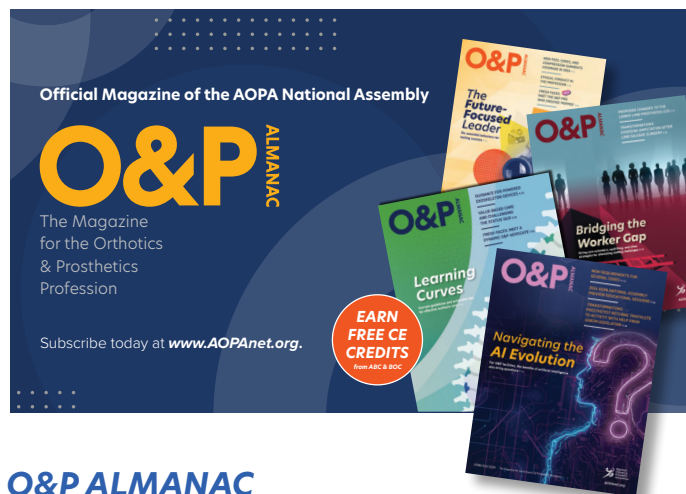
A message board is available in the registration area. You may leave messages for other attendees, post resumes, job announcements and for sale notices. You may also use the AOPA Assembly 2024 app to communicate with other attendees.



NATIONAL ASSEMBLY APP

Use your smart phone to navigate the National Assembly. Download the **“AOPA Assembly 2024”** App on your iPhone, Android or iPad to:

- Easily view the agenda and set up your own personal schedule
- View descriptions of each session
- Interact with colleagues
- Search for speakers and specific topics
- Navigate the Exhibit Hall
- Learn about the speakers



O&P ALMANAC

The *O&P Almanac* is the official magazine of the 2024 National Assembly. Look for your complimentary copy in your bag. Attendees interested in subscriptions, editorial or general information about AOPA publications are encouraged to stop by the **AOPA Member Hub (#1106)** located in the Exhibit Hall.

REGISTRATION HOURS

The National Assembly onsite registration will take place on Concourse A of the Charlotte Convention Center (South College Street entrance).

Wednesday , September 11	12:00 PM – 5:00 PM
Thursday , September 12	7:00 AM – 7:00 PM
Friday , September 13	7:00 AM – 6:00 PM
Saturday , September 14	7:00 AM – 5:00 PM
Sunday , September 15	7:00 AM – 10:00 AM

SPEAKER READY ROOM

Need a little more time to prepare for your presentation? Speakers and presenters are encouraged to use our Speaker Ready Room, located in Room 101. This room will be equipped with audio-visual equipment. The Speaker Ready Room will be open:

Thursday , September 12	7:00 AM – 5:00 PM
Friday , September 13	7:00 AM – 5:00 PM
Saturday , September 14	7:00 AM – 5:00 PM
Sunday , September 15	7:00 AM – 11:00 AM

Special Acknowledgements



LIFETIME ACHIEVEMENT AWARD

Each year the American Orthotic and Prosthetic Association presents the prestigious Lifetime Achievement Award. This honor is bestowed on individuals who have made significant contributions to the field of orthotics and prosthetics. The AOPA Board of Directors is proud to name **Larry Word, CPO, FAAOP** as the recipient of the 2024 Lifetime Achievement Award. Join O&P professionals as AOPA presents the award during the AOPA Annual Business Meeting and Awards Ceremony on Sunday, September 15, at 8:00 a.m. The award is supported by the O&P Foundation.

HOWARD R. THRANHARDT AWARD



Hear the two abstracts selected as the award-winning “Best of Show” Thranhardt Lectures Saturday, September 14, at 8:00 a.m. The award stemmed from an endowment by the Hanger Southeast Company in recognition of Howard Thranhardt who was a lifelong learner and dedicated to the scientific advancement of O&P. The award is supported by the O&P Foundation.



2024 Award Winners:

Andreas Kannenberg, MD (GER), PhD
Shane Wurdeman, PhD, CP, FAAOP(D)

Assessing Outcomes with Microprocessor Knee Utilization in a K2 Population (ASCENT K2): Findings from a Clinical Trial of 107 Individuals with Above-knee Amputation (C14A)



Tyler Klenow, MSPO, MBA, CPO, FAAOP

Russell Lundstrom, MS
Reduction in Falls and Fall-Risk with Increased Walking Speed Found Following 1 Year of C-Brace® Use: Interim Results from the C-Brace® Registry (C14B)

THE SAM E. HAMONTREE, CP(E), BUSINESS EDUCATION AWARD



The Sam E. Hamontree, CP(E), Business Education Award was created to recognize the best business education paper, idea and/or proposal submitted for presentation. This award is a counterpart to the Thranhardt Award given each year to the best clinical abstract(s). Presentations by the 2024 Hamontree Award contenders are scheduled for Saturday, September 14, from 2:00 – 5:00 p.m. The audience will be invited to cast their vote for the award winner. The award will be given to the winner on Sunday, September 15, at 8:00 a.m.

2024 Award Candidates:

Ernst W. Bastian, CO
Can a Small Fish Make a Splash in a Big Pond? (B6A)

Ashlie White, MSHLS, MA
Prevalence of Limb Loss and Limb Difference in the United States: Implications for Public Policy (B6B)

David Holzman, CFA
How Mergers and Acquisitions Are Changing the Orthotics and Prosthetics Landscape and What Independents Should Consider When Developing a Transition Plan (B6C)

Mike Schlesinger
Beyond the Sales Price, Top 10 Key Steps for Owners to Understand and Consider for an Efficient and Successful Transaction. Objective Is to Ensure Owners Look Beyond the Sales Price to Avoid Pitfalls (B6D)

PROFESSOR HANS GEORG NÄDER DIGITAL O&P CARE AWARD

Join us for the presentation of the Professor Hans Georg Näder Digital O&P Care Award to Joshua Steer, PhD

The purpose of the Digital O&P Care Award is to prepare the O&P profession for the future as digital care and innovations in technology continue to lead the direction of patient care. The award will be presented during the AOPA Annual Business Meeting and Awards Ceremony on Sunday, September 15, at 8:00 a.m.

The funding for this annual award has been provided by Ottobock Healthcare in honor of Professor Hans Georg Näder and his many contributions to the field of orthotics and prosthetics worldwide.

2024 Award Winner:

Joshua Steer, PhD
Insights into Transtibial Prosthetic Socket Design from Expert UK Clinicians’ Digital Records

RALPH R. "RONNEY" SNELL, CPO, FAAOP, LEGISLATIVE ADVOCACY AWARD

The Ralph R. "Ronnie" Snell, CPO, FAAOP, Legislative Advocacy Award recognizes individuals who have made valuable contributions toward advancing the legislative and regulatory goals of the O&P field by motivating members of Congress and other decision makers to take action on behalf of O&P. Join O&P professionals as AOPA presents the award during the AOPA Annual Business Meeting and Awards Ceremony on Sunday, September 15, at 8:00 a.m.

2024 WINNERS:

Sheryl Sachs, MSPO, CPO, Dankmeyer Inc.

Thomas Degree, Wiggle Your Toes



STUDENT POSTER AWARDS

The Edwin and Kathryn Arbogast Award and Otto and Lucille Becker Award will honor two meritorious scientific papers submitted for presentation as a poster at the 2024 National Assembly by a student or resident. The purpose of these awards is to encourage students and residents to share their research through outstanding poster presentations. View their poster presentations as part of the Poster Showcase on Friday, September 13, in the Exhibit Hall at 5:30 p.m. — in conjunction with the Exhibitor-Sponsored Happy Hour. And, join O&P professionals as AOPA presents their award during the AOPA Annual Business Meeting and Awards Ceremony on Sunday, September 15.

WILLOWWOOD

THE EDWIN AND KATHRYN ARBOGAST AWARD

The Edwin and Kathryn Arbogast Award will be presented for the best prosthetic abstract submitted for a poster presentation. This award has been made possible by a special endowment by the Arbogast family and WillowWood.



2024 WINNER:

Abrar Alamri, MSPO
University of Pittsburgh
Normative Orthotic and Prosthetic Users' Survey (OPUS) Scores in Lower Limb Prosthetic Users across Multiple Follow-ups: A Retrospective Analysis



THE OTTO AND LUCILLE BECKER AWARD

The Otto and Lucille Becker Award will be presented for the best orthotic abstract submitted for a poster presentation. This award has been made possible by a special endowment by the Becker family and Becker Orthopedic.



2024 WINNER:

Caitlin Bowman Martwinski, MSPO
University of Pittsburgh

Development of a Children's Book Intervention to Increase Pediatric Orthotic Device Compliance and Improve Peer Attitudes towards Disability for 3-12 Year Olds

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AOPA National Assembly
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Thank You

to all of our supporters, members, exhibitors, and attendees for making the National Assembly a success!

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SEPTEMBER 12-15, 2024 | CHARLOTTE, NC

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Lesleigh Sisson, CFo, CFm

Matt Swiggum

Linda Wise

Shane Wurdeman, PhD, CP, FAAOP(D)

Eve Lee, MBA, CAE, *Executive Director/Secretary*

2024 National Assembly Planning Committee

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(Co-Chair)

Brad Mattear, CPA, LO, CFo *(Co-Chair)*

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Corey Baum, CO, LO

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Rob Burcham

Russell Cannon

Jeff Denune, CP, LP

Chad Duncan, PhD, CPO, CRC

Jeff Erenstone, CPO

Bretta L. Fylstra, PhD

Kimberly Hanson, CPRH

Kinsey Herrin, MSPO, CPO, LPO, FAAOP

Adrienne Hill, MHA, CPO(L), FAAOP

Dennis Janisse, CPed

Erick Janisse, CO, CPed

Andreas Kannenberg, MD (GER), PhD

Tyler Klenow, MSPO, MBA, CPO, FAAOP

Suzi Klimek

Teri Kuffel, JD

Emily McNees

Lesleigh Sisson, CFo, CFm

Geneen Spence

Matthew Wernke, PhD

Linda Wise, MBA

Brent Wright, CP, BOCO

James Young, LP, CP, FAAOP

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Joseph McTernan, Director of Health Policy and Advocacy

Madison McTernan, Membership and Communications Coordinator

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Ashley Vande Bunte, CMP, Director of Education and Meetings

Nicole Ver Kuilen, Manager of Public Engagement

Akilah Williams, Director of Finance and Strategic Operations



O&P Almanac

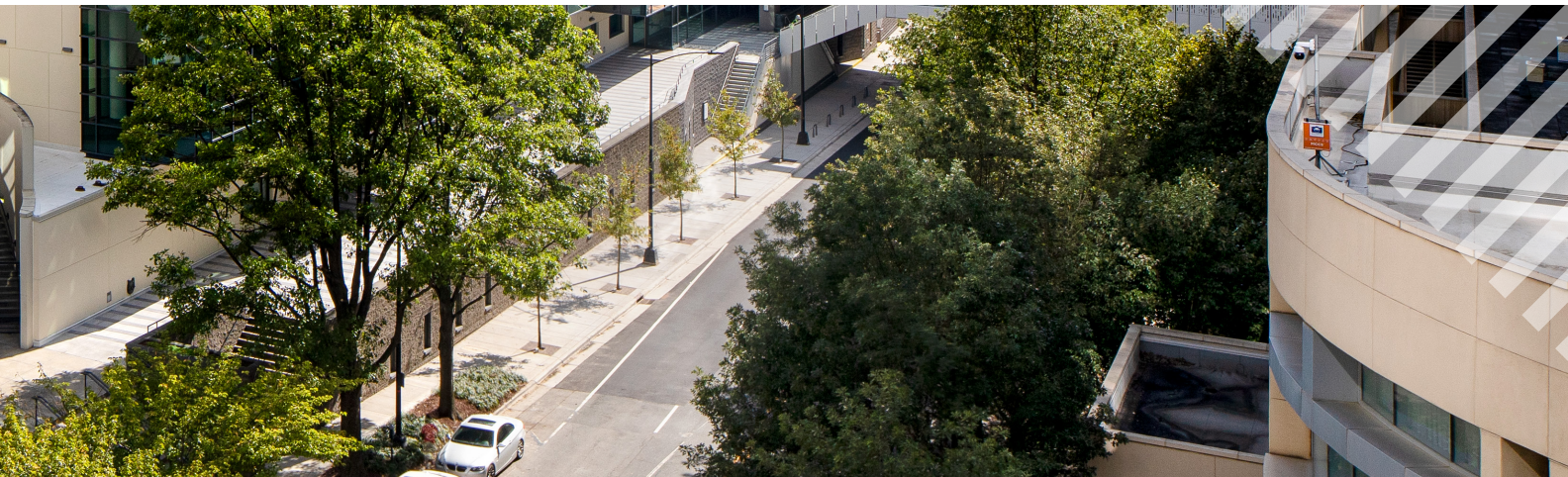
Eve Lee, MBA, CAE, Executive Director and Publisher

Josephine Rossi, Editor

Catherine Marinoff, Art Director

Bob Heiman, Director of Advertising Sales

Christine Umbrell, Editorial, Production Associate and Contributing Writer



One Floor Up from Street Level

Please note that the East and West sides are split by the Light Rail. To switch between the sides, you will need to go down to the Street Level/Concourse A to switch. The East side rooms (labeled with an “E” in front of the room number) will host the Pre-Show Workshops and Manufacturer’s Workshops. The General Session will also be on this side in Richardson Ballroom AB. The West side rooms (labeled with a “W” in front of the room number) will host the concurrent education sessions.

Special Events

THURSDAY

Welcome to Charlotte Reception

Thursday, Sept. 12, 5:30 – 7:30 PM
Hall A, Charlotte Convention Center
Experience a little southern hospitality at the “Welcome to Charlotte Reception.” Enjoy hors d’oeuvres, drinks, entertainment, and networking. *This event is included with your full conference registration. Bring a guest for \$50.*



SATURDAY



Professional Women in O&P Luncheon

Saturday, Sept. 14, Noon – 1:30 PM
E219AB

Women registering for the 2024 Assembly are invited to join us for a special event acknowledging the contributions and advancements of women in O&P. The program offers women a casual opportunity to network and learn from other successful female professionals. Join us for lunch, a stellar program and lots of fun. Proceeds go to *So Every BODY Can Move*. Space is limited. *Ticket required, \$25.*



Sponsored by:



FRIDAY

Exhibitor-Sponsored

HAPPY HOUR

Friday, Sept. 13, 5:15 – 6:30 PM
Hall A, Charlotte Convention Center
Meet up in the exhibit hall after a busy day of learning and networking for the Exhibitor-Sponsored Happy Hour. Come and try your hand at our NASCAR Racing Simulators or our Dual Pit Stop Challenge! *This event is included with your full conference registration.*

Poster Showcase

5:30 – 6:30 PM
Hall A, Charlotte Convention Center
Join us for the Poster Showcase in the Product Preview Theater. Time will be available after to meet with the poster presenters.



FRIDAY & SATURDAY

Exhibit Hall Raffle

We're excited to announce that you have the chance to win big at this year's National Assembly! As a thank you for visiting the exhibit hall, our exhibitors have teamed up to offer you the chance to win fantastic prizes. Join us on Friday from 9:00 – 10:30 AM, 12:00 – 2:00 PM, and 5:30 – 6:30 PM, as well as on Saturday from 9:00 – 10:30 AM, and 12:00 – 2:00 PM, during the unopposed exhibit hall times for a chance to win prizes/gift cards ranging from \$200 to \$1,000!

All registered attendees are automatically entered into the drawings. However, you must be present to win, and there's only a short window to claim your prize. Don't miss out—be sure to be in the Exhibit Hall during these times for your chance to take home an incredible prize! *(Please note: Exhibitors are not eligible to win.)*



A big thank you to our Exhibitors below who made a contribution to the Exhibit Hall Raffles *(as of August 20, 2024)*.

Contributions made by:

- | | |
|----------------------------------|---------------------------------|
| Allard USA | Lindhe Xtend |
| Alps South LLC | Nymbi Systems |
| American Prosthetic Components | OPIE Software |
| ARTech Laboratory Inc. | OneSource |
| BioSculptor Corporation | Orthofeet |
| Blatchford | Össur Americas |
| Cascade Orthopedic Supply, LP | Pro-Tech Orthopedics |
| CBS Medical Billing & Consulting | PROTEOR |
| Coapt | Prudential Billing & Consulting |
| Comb O&P | Structure |
| Comfort Products, Inc. | Surestep |
| Fillauer Companies | Thermo-Ply |
| Integrum Inc. | WillowWood |

SUNDAY

Digital O&P Showcase

RETURNING ONCE AGAIN!
Don't miss the Digital O&P Showcase

Sunday, Sept. 15, 11:00 AM – 1:00 PM
W209CD

Returning once again! The Digital O&P Showcase will be a hands-on event to learn about computer-based 3D design software tools utilizing provided prosthetic, orthotic, and pedorthic patient cases (the patient file, 3D scan, and positive model). Exhibitors will present a fabricated mold, device, or 3D print. *This event is included with your full conference registration.*





Schedule of Events

Download the “AOPA Assembly 2024” App for the schedule, session descriptions, speaker biographies, and more.

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AOPA National Assembly

SEPTEMBER 12-15, 2024 | CHARLOTTE, NC



▶ Wednesday SEPTEMBER 11

8:00 AM – 5:00 PM

PRE-SHOW ORTHOTIC WORKSHOP

Pediatric Triceps Surae Muscle Tone Development, Detection and New Equinus Deformity Management Principles (C1)

Pre-registration and ticket required (\$95).

Beverly Cusick, PT, MS, NDT, COF
E212

12:00 PM – 5:00 PM

Onsite Registration & Information Open

Concourse A

12:00 PM – 5:00 PM

Exhibitor Set up

Exhibit Hall A

1:00 – 5:00 PM

PRE-SHOW PROSTHETIC WORKSHOP

Osseointegration (C2)

Pre-registration and ticket required (\$60).

Christopher Hoyt, CP
E217

AOPA Membership

The Future is Limitless

Create a Future that Knows No Bounds, Join AOPA

As an AOPA member, some of the benefits you'll enjoy include:

- ➡ **Strong, strategic advocacy** for your O&P profession and patients
- ➡ **Free Ask the Expert** consultation for your coding, billing and audit questions
- ➡ **Convenient access** to earn CEs online, on-demand in AOPAversity



Become a Member | AOPA – AMERICAN ORTHOTIC & PROSTHETIC ASSOCIATION



AOPAnet.org

▶ Thursday SEPTEMBER 12



7:00 AM – 7:00 PM

Onsite Registration & Information Open

Concourse A

7:00 AM – 3:00 PM

Exhibitor Set up

Exhibit Hall A

7:00 AM – 5:00 PM

Speaker Ready Room

Suite 101, Concourse A

7:30 AM – 8:00 AM

Beverage Service

East Wing

8:00 AM – 10:00 AM

Manufacturers' Workshops—Tier A

Charlotte Convention Center, Level 2, East Side

MWA-1 Engage! Dynamic Head and Trunk Orthotic Solutions to Improve Pediatric Performance and Participation

Surestep
E212ABCD

MWA-2 2024: Facility Accreditation Standards: Making Sure You're Compliant

American Board for Certification in Orthotics, Prosthetics & Pedorthics
E216AB

MWA-3 Thuasne's Composite Solutions: SpryStep

Thuasne USA/Townsend Design
E217

MWA-4 Elevating Orthopedic Care: Unveiling New Spinal Products

Thuasne USA/Townsend Design
E218

MWA-5 Beyond Boundaries: Qwadra's Global O&P CAD/CAM Solution and Exploring Endless Insole Possibilities with Our Advanced Podiatry Solution

Qwadra
E219A

MWA-6 Caring for the High Activity Amputee

Fillauer Companies
E219BC

MWA-7 How The TRAZER System Can Significantly Accelerate and Improve the Amputee Rehabilitation Process

NuTech Synergies LLC
E219D

MWA-8 Solutions for Contracture Management with Dynamic Joints utilizing a Multidisciplinary Team Approach

Allard USA
E220A

MWA-9 NEURO HiSWING R+ System Ankle Joint—The First Adaptive Microprocessor-Controlled Hydraulics

FIOR & GENTZ GmbH
E220BC

MWA-10 Optimizing a Direct-Fit Socket Solution with the New Resilience Socket from Amparo Prosthetics

NuTech Synergies LLC
E220D

MWA-11 Explore Effortless 3D scanning for Orthotics and Prosthetics with EinScan H2 and Einstar

SHINING 3D Technology Inc.
E220E

MWA-12 PROTEOR Supreme Solutions- Selecting the Ideal Setup for Your Patients (MPKs, Feet, and Ankles) with Patient Fittings

PROTEOR
E221AB

10:30 AM – 12:30 PM

Manufacturers' Workshops—Tier B

Charlotte Convention Center, Level 2, East Side

MWB-1 Guiding Paths: Finding the Best Routes to Manage Excessive Pronation

Surestep
E212ABCD

MWB-2 Optimizing Gait Kinematics with High Performance Orthotic Ankle Components

Becker Orthopedic Appliance Company
E216AB

Schedule of Events: THURSDAY

MWB-3	Clinical Solutions for Challenging Patient Profiles Orthomerica Products Inc. <i>E217</i>
MWB-4	Maximizing Intuitive Control, Function & Utilization: Innovation in Myoelectric Control for Partial Hand Amputations Össur Americas Inc. <i>E218</i>
MWB-5	Accelerating Outcomes with Intuitive Rehabilitation Össur Americas Inc. <i>E219A</i>
MWB-6	Experience the All New Genium X4 Microprocessor Knee and Evanto Foot by Ottobock Ottobock Healthcare <i>E219BC</i>
MWB-7	Socket Selection Criteria and Alignment Considerations Alps South LLC <i>E219D</i>
MWB-8	Lower Extremity Product Selection Guidelines for Children with Neuromuscular Disorders Allard USA <i>E220A</i>
MWB-9	Transfemoral Developments Blatchford <i>E220BC</i>
MWB-10	The Next Generation of WillowWood Prosthetics—Advanced Solutions for Prosthetic Users featuring Live Demonstrations of the Alpha Control Liner System and Intuy Powered Microprocessor Knee WillowWood <i>E220D</i>
MWB-11	Xtremity by WillowWood: An Evolution in Definitive Transtibial Socket Fabrication, Adjustability and Work Flow—See for yourself with a LIVE DEMONSTRATION! WillowWood <i>E220E</i>
MWB-12	Advantages of Nocturnal Bracing for Scoliosis and Hypercorrection with the Providence Nocturnal Scoliosis® Orthosis Spinal Technology LLC <i>E221AB</i>

12:30 PM – 1:30 PM

Lunch on own

1:30 PM – 3:30 PM

Manufacturers Workshops —Tier C

Charlotte Convention Center, Level 2, East Side

MWC-1	Guiding Paths: Helping Kids with Toe Walking Get on the Typical Gait Express Surestep <i>E212ABCD</i>
MWC-2	Get Started with 3D Printed Devices and 3D Scanning in Pediatric Orthotics (CRO, SMO, AFO) Invent Medical USA, LLC <i>E216AB</i>
MWC-3	Scan Using your Cellphone & Scanning Fixture Comb O&P <i>E217</i>
MWC-4	Naked Prosthetics Product Advancements NEW Features & Updates Össur Americas Inc. <i>E218</i>
MWC-5	Perfect Fit: Optimizing Socket Performance with Advanced Techniques for Adjustable Prosthetic Sockets and Bikini Hip Disarticulation Martin Bionics <i>E219A</i>
MWC-6	Innovations in Upper Limb Prosthetics: Reach Beyond the Boundaries Fillauer Companies <i>E219BC</i>
MWC-7	Unique Microprocessor Solutions from College Park College Park Industries <i>E219D</i>
MWC-8	Prosthetic Alignment: The Shoe Factor (“Everything Changes When the Shoe Hits the Ground.”) Allard USA <i>E220A</i>
MWC-9	Tectus—Microprocessor-Controlled KAFO Blatchford <i>E220BC</i>
MWC-10	Introducing META Flow—The Energy Efficient Alternative to Hydraulic K3 Feet featuring Patient Fitting WillowWood <i>E220D</i>
MWC-11	Pediatric Cranial Remolding Orthosis: 3D Digitizing Solution for Infant CRO SHINING 3D Technology Inc. <i>E220E</i>

MWC-12 Introduction to the SYNYS Microprocessor Full-Leg System by PROTEOR with Patient Fitting

PROTEOR
E221AB

2:00 PM - 4:00 PM

Moderator & First-Time Presenter Training (Invitation Only)

W208

4:00 PM - 5:00 PM

Manufacturers Workshops—Tier D

Charlotte Convention Center, Level 2, East Side

MWD-1 Stabilize! Providing Dynamic Stability in the Adult Population

Surestep
E212ABCD

MWD-2 Get Started with Augo 3D Printed Volume Adjustable Socket: Practical Guide To Step Up Your Practice

Invent Medical USA, LLC
E216AB

MWD-3 OrthoFeet Shoe Fitting and Medicare Compliance Solutions

OrthoFeet Inc.
E217

MWD-4 The Next Generation of Carbon Fiber Foot Technology—Maximizing Outcomes with a Novel Prosthetic Foot Design

Össur Americas Inc.
E218

MWD-5 C-Brace—Improving Patient Function with Microprocessor Technology

Ottobock Healthcare
E219A

MWD-6 K2 Kenevo: Functions, Research, & LCD Update

Ottobock Healthcare
E219BC

MWD-7 Putting Clarity Into The Use and Choices of OI Connectors

ST&G USA Corp
E219D

MWD-8 Myoelectric Powered Arm Bracing—An Introduction To Myomo's MyoPro Technology

Myomo
E220A

MWD-9 Glide by IBT: A New Direction in Myoelectric Control

Infinite Biomedical Technologies
E220BC



MWD-10 Ethnocare's Overlay: Managing the Impact of Daily Volume Variation on Socket Fit

Ethnocare
E220D

MWD-11 SteeperUSA's Upper Limb Innovations

SteeperUSA
E220E

MWD-12 Discover ORTEN PROTEOR's Innovative Solution to Help Make Your Digital Workflow a Breeze

PROTEOR
E221AB

5:30 PM - 7:30 PM

Welcome to Charlotte Reception

Experience a little southern hospitality at the Welcome to Charlotte Reception. Enjoy regional hors d'oeuvres and drinks, entertainment, and networking.

Included with your full conference registration. Bring a guest for \$50.

Hall A, Charlotte Convention Center

Welcome to Charlotte Reception



7:00 AM – 6:00 PM

Onsite Registration & Information

Concourse A

7:00 AM – 5:00 PM

Speaker Ready Room

Suite 101, Concourse A

7:30 AM – 8:00 AM

Breakfast

Richardson Ballroom AB Foyer

8:00 AM – 9:00 AM

OPENING GENERAL SESSION

The AI Revolution, Unlocking the Future of Business

Chuck Gallagher, CSP, Keynote Speaker

Are you prepared to harness the boundless power of AI for your organization? Join us as we delve into the realm of this transformative technology, unraveling its potential across various sectors. Witness live demonstrations of AI applications, and other cutting-edge technologies providing you with an immersive glimpse into the realm of possibilities.

This is a golden opportunity to stay at the forefront of AI advancements and acquire the insights necessary to fuel innovation and expansion within your organization. Don't miss out—seize this chance to propel your organization into the future!

Richardson Ballroom AB



9:00 AM – 6:30 PM

Exhibit Hall Open

Exhibit Hall A

9:00 AM – 10:30 AM

Break in Exhibit Hall

Exhibit Hall A

9:15 AM – 9:45 AM

PRODUCT PREVIEW THEATER PRESENTATION

Quantifying Amputee Activity & Mobility with Validated Technologies-TRAZER + Motio

Presented by: NuTech Synergies LLC

Exhibit Hall A, Product Preview Theater (PPT)

9:50 AM – 10:20 AM

PRODUCT PREVIEW THEATER PRESENTATION

2024 O&P Woman of the Year Ceremony presented by OPGA and Össur Americas

Presented by: OPGA

Exhibit Hall A, Product Preview Theater (PPT)

10:25 AM – 10:55 AM

PRODUCT PREVIEW THEATER PRESENTATION

Pure Motion, Pure Composite: Introducing Meracus, Allard's Patented Prosthetic Foot

Presented by: Allard USA

Exhibit Hall A, Product Preview Theater (PPT)

10:30 AM – 11:00 AM

SPECIAL SESSION

Improve Your Business, Learn How to Use the O&P Profession's Benchmarking Data (SE2)

Kevin Chang, MS

Coleson Chase

Scott Williamson

W209CD

10:30 AM – 11:15 AM

CONCURRENT EDUCATION—PEDORTHIC

Pedorthic Modalities (P1)

Dennis Janisse, CPed

W209A

10:30 AM – 12:00 PM

CONCURRENT EDUCATION—BUSINESS

Every Choice has a Consequence—Ethics, Integrity, and the Power of Choices in Life and Business. (B1)

Chuck Gallagher, CSP

W209EF

10:30 AM – 12:00 PM

CONCURRENT EDUCATION—CLINICAL

Powered Upper Extremity Bracing: A Review of Reimbursement, Current Technology, and Clinical Opportunities (C3)

Ghaith Androwis, PhD

Jacob George, PhD

Harry Kovelman, MD

Jonathan Naft, CPO

Ajay K. Seth, MD

W206AB

10:30 AM – 12:00 PM

CONCURRENT EDUCATION—CLINICAL

Osseointegration for Amputation Reconstruction: Clinical Applications and Continuing Care (C4)

Mark Elgart, CPO
Joseph Hsu, MD
Christopher Hoyt, CP
Bryan Loeffler, MD
Doug Thommen, MD
W207

10:30 AM – 12:00 PM

CONCURRENT EDUCATION—CLINICAL

Modern Patient Preference Technologies to Drive Patient Outcomes Within Prosthetic Choice (C5)

Todd Castleberry, PhD
Gerald Stark, PhD
Ashlie White, MSHLS, MA
Leslie Wilson, PhD
Shane Wurdeman, PhD, CP, FAAOP(D)
W208

10:30 AM – 12:00 PM

CONCURRENT EDUCATION—DIGITAL

It's All About the Data (D1)

Insights into Transtibial Prosthetic Socket Design from Expert UK Clinicians' Digital Records (D1A)

2024 Hans Georg Näder Digital O&P Care AWARD WINNER Joshua Steer, PhD

Digital Health: Remote Visits and Modular Design in a Myoelectric Hand (D1B)

Sarra Mullen, CP

Revolutionizing Prosthetic Care: Smartphone Gait Data for Practical Evidence and Benchmarking (D1C)

Dale Collins, CPO
Patrick Tarnowski, PT, MBA
W201

10:30 AM – 12:00 PM

CONCURRENT EDUCATION—TECHNICAL

Optimization of User Adjustable Lower Extremity Prosthetic Designs (T1)

Mike Marten, CTP
W209B

11:00 AM – 11:30 AM

PRODUCT PREVIEW THEATER PRESENTATION

HP and DyeMansion: Enabling 3D Printed O&P

Presented by: HP 3D Printing
Exhibit Hall A, Product Preview Theater (PPT)

11:00 AM – 12:00 PM

SPECIAL SESSION

NCOPE/ABC Update—How Residency and Credentialing Changes Will Affect You (SE3)

Cathy Carter
Mark Clary
Steve Fletcher
Christopher Robinson, MS, MBA, CPO, ATC, FAAOP(D)
W209CD

11:15 AM – 12:00 PM

CONCURRENT EDUCATION—PEDORTHIC

Practice Management: Morning/Daily Routines for Each Practitioner (P2)

Brian Lane, CPed
W209A

11:35 AM – 12:05 PM

PRODUCT PREVIEW THEATER PRESENTATION

Partial Foot, Part I: Before Fabrication Begins, Learn Criteria to Control Pressure Distribution, Friction, and Shearing Forces

Presented by: Allard USA
Exhibit Hall A, Product Preview Theater (PPT)

12:00 PM – 2:00 PM

Lunch in Exhibit Hall

Exhibit Hall A

12:10 PM – 12:40 PM

PRODUCT PREVIEW THEATER PRESENTATION

Becker Orthopedics' Method TA AFO—An Adjustable Custom Fit Prepreg AFO

Presented by: Becker Orthopedic Appliance Co.
Exhibit Hall A, Product Preview Theater (PPT)

12:45 PM – 1:15 PM

PRODUCT PREVIEW THEATER PRESENTATION

Structure Sensor Premiere—Unveiling the Future in 3D

Presented by: Structure
Exhibit Hall A, Product Preview Theater (PPT)

1:20 PM – 1:50 PM

PRODUCT PREVIEW THEATER PRESENTATION

Choosing the Best Surestep Solution for Your Patients

Presented by: Surestep
Exhibit Hall A, Product Preview Theater (PPT)

1:55 PM – 2:25 PM

PRODUCT PREVIEW THEATER PRESENTATION

Partial Foot, Part II: 12-Steps to Fabricate a Partial Foot Prosthesis

Presented by: Allard USA
Exhibit Hall A, Product Preview Theater (PPT)

Schedule of Events: FRIDAY

2:00 PM – 2:45 PM

CONCURRENT EDUCATION—PEDORTHIC

Filling the Pedorthic Prescription: How to Decide What Orthosis to Use (P3)

Brian Lane, CPed
W209A

2:00 PM – 3:00 PM

CONCURRENT EDUCATION—TECHNICAL

Maximizing the Tuning of Ankle Foot Orthoses with the Material Science of Custom Fabrication (T2)

Gary Bedard, CO, FAAOP(D)
W209B

2:00 PM – 3:30 PM

CONCURRENT EDUCATION—BUSINESS

Medicare Updates & Comprehensive Error Rate Testing (CERT) (B2)

Judie Roan
Tanya Gillies
W209EF

2:00 PM – 3:30 PM

CONCURRENT EDUCATION—CLINICAL

Orthotic Applications of Exoskeletons: The Orthotist's Future as Providers of Highly Advanced Devices (C6)

Michael Glover, PT
Kinsey Herrin, MSPO, CPO, LPO, FAAOP
Caitlin Jones, PT, DPT, NCS, CMTPT/DN
Homayoon Kazerooni, PhD
W206AB

2:00 PM – 3:30 PM

CONCURRENT EDUCATION—CLINICAL

Interface Pressure: Current Solutions and Novel Technologies for Advancing Both Sides of the Interface (C7)

Alex Albury, CPO
Daniel Gallego Perez, PhD
Heather Powell, PhD
Matt Wernke, PhD
W207

2:00 PM – 3:30 PM

CONCURRENT EDUCATION—CLINICAL

Prosthetic Free Papers: Upper Extremity Prosthetics (C8)

Acute Versus Delayed Targeted Muscle Reinnervation for Upper Extremity Amputations—Why Wait? (C8A)

Bryan Loeffler, MD
Samuel Posey, MD

Managing Major Peripheral Nerves in Forearm Level Amputations with TMR and RPNI—What's the Best Recipe? (C8B)

Bryan Loeffler, MD
Andrew Rees, MD

Bridging Biology and Technology: The Starfish Procedure's Impact on Myoelectric Prostheses (C8C)

Bryan Loeffler, MD
Ryan Serbin, MD

Responsiveness of PROMIS-9 UE Physical Function to Prosthesis Rehabilitation (C8D)

Todd Castleberry, PhD

Rethinking the Shoulder Disarticulation Prosthesis: Let's Stop Thinking Outside the Box and Make the Box Bigger (C8E)

Timothy Bump, CPO

Prosthesis Receipt Is Associated with Improved Participation and Decreased Pain Following Upper Limb Amputation (C8F)

Bretta Fylstra, PhD

User-Centered Design of a Dashboard to Support Clinicians Treating Upper Limb Myoelectric Prosthesis Wearers (C8G)

Kristi Turner, DHS, OTR/L
Zachary Wright, PhD
W208

2:00 PM – 3:30 PM

CONCURRENT EDUCATION—CLINICAL

The Value-Add of Health Screenings in Routine Prosthetic Practice: A Hands-on Guide to Implementations (C9)

Megan Sions, PT, DPT, PhD
Samantha Stauffer, CPO, MSOP
W209CD

2:00 PM – 3:30 PM

CONCURRENT EDUCATION—DIGITAL

Options in Digital Tools (D2)

Lessons Learned: Five Years of Utilizing 3D Printing and Digital Workflows in Pediatric Orthotics (D2A)

Claire Repisky

Unlocking Orthopedic Innovation: Global CAD/CAM Solutions for CPOs, Enabling Digital Access and 3D Printing (D2B)

Charlotte Sapaly

Evaluation of Mechanical Property Consistency of Sockets from a Distributed Additive Manufacturing Program (D2C)

Leo Haenni
Darren Jacoby
W201

2:30 PM – 3:00 PM

PRODUCT PREVIEW THEATER PRESENTATION

Creating a Direct-Fit TT Diagnostic Socket in Weight Bearing Using Amparo Technologies

Presented by: NuTech Synergies LLC
Exhibit Hall A, Product Preview Theater (PPT)

2:45 PM – 3:30 PM

CONCURRENT EDUCATION—PEDORTHIC

Functional Orthoses vs Total Contact (P4)

Erick Janisse, CO, CPed
W209A

3:00 PM – 3:30 PM

CONCURRENT EDUCATION—TECHNICAL

Creating a Mobile O&P Lab Through User-Centered Design Process (T3)

Daniel Abrahamson, CPO
Eli Kaufman, CPO
W209B

3:05 PM – 3:35 PM

PRODUCT PREVIEW THEATER PRESENTATION

How Spentys Technology Simplifies Automation & Customization of Digital Manufacturing Workflows in O&P—Use Case

Presented by: Spentys
Exhibit Hall A, Product Preview Theater (PPT)

3:40 PM – 4:10 PM

PRODUCT PREVIEW THEATER PRESENTATION

Revolutionizing Spinal Care: Latest Innovations Impacting both Trauma and Post-Operative Treatment

Presented by: Aspen Medical Products
Exhibit Hall A, Product Preview Theater (PPT)

3:45 PM – 4:30 PM

CONCURRENT EDUCATION—TECHNICAL

A Model for the Management of Partial Foot Amputations (T4)

Robert H. Meier, CO
W209B

3:45 PM – 4:45 PM

CONCURRENT EDUCATION—BUSINESS

How to Be Better Business Partners When Working with the Veterans Administration Clinical Care and Contracting Team (B3)

Jason Highsmith, PT, DPT, PhD, CP, FAAOP
Kristen Nelson
Alan Swygert, Director VHA Vendor Relations
W209EF



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Schedule of Events: FRIDAY

3:45 PM – 5:15 PM

CONCURRENT EDUCATION—CLINICAL

Orthotic Free Papers: Lower Extremity Applications (C10)

Individual Responder Analysis of the International Randomized C-Brace Crossover Study (C10A)

Andreas Kannenberg, MD (GER), PhD

Mobility and Quality of Life in Community Ambulators with Knee Locking Deficiency Using a Microprocessor Controlled Knee Ankle Foot Orthosis and a Stance Control Orthosis: Randomized Crossover Trial (C10B)

Andreas Hahn, PhD

So You Think You Can Dance: Mismatch Between Perceived Balance Confidence and the Berg Balance Scale in the C-Brace Crossover Study (C10C)

Russell Lundstrom, MS

Arri Morris, MSc, CCRA

Improvement in Patient-specific Functional Scale and Reduction in Walking Aids: Interim Results from the C-Brace® Registry (C10D)

Tyler Klenow, MSPO, MBA, CPO, FAAOP

Russell Lundstrom, MS

Translating Evidence into Clinical Practice: Treating Pathologic Gait with Articulated Ankle-Foot Orthoses (C10E)

Beatrice Janka, MPO, CPO

W206

3:45 PM – 5:15 PM

CONCURRENT EDUCATION—CLINICAL

Adjustable-Volume Sockets: Who, What, When, Why, and How to Get Paid (C11)

Jimmy Capra, BS

Tyler Klenow, MSPO, MBA, CPO, FAAOP

Billy Lester

Joe Mahon

W207

3:45 PM – 5:15 PM

CONCURRENT EDUCATION—CLINICAL

Essentials of Rehabilitation for Partial Hand Amputees: A Multi-disciplinary Approach (C12)

Chris Baschuk, MPO, CPO, FAAOP(D)

Julie Klarich, OTR, CHT

Shaun Mendenhall, MD

W208

3:45 PM – 5:15 PM

CONCURRENT EDUCATION—CLINICAL

Providing Sensory Feedback and Reducing Phantom Limb Pain Using New Medical Technology and the Innovative Surgical Techniques of Targeted Sensory Reinnervation (TSR) (C13)

Diane Atkins, OTR/L, FISPO

Alexander Garetto, MD

Rainer Schultheis, CEO

John Warren, CP

W209CD

3:45 PM – 5:15 PM

CONCURRENT EDUCATION—DIGITAL/PEDORTHIC

Combined Digital and Pedorthic Program: Foot Orthotics Using Digital Technology (D3/P5)

Case Study: How CPO Has Implemented the Latest Advancements in Telehealth, Artificial Intelligence, Data Analytics and 3D Printing to Revolutionize Orthotic Prosthetic & Pedorthic Care (D3A/P5A)

Amit V. Bhanti

Reporting User Satisfaction of 3D Printed Custom Foot Orthotic versus Shoe on Pain, Function, and Mechanical Loads in Foot and Knee Pain: Long Term Randomized Controlled Trial (D3B/P5B)

Amit V. Bhanti

Validating Pedorthic Outcomes- Different Foot Orthotics and the Improvements Gained (D3C/P5C)

Jonathan Fogg, CPed, CPO

The Office of Advanced Manufacturing Is Implementing Digital Manufacturing Capabilities Across the Veterans Health Administration (D3D/P5D)

Alex Berardo-Cates, MS

Anika Lavine, OTR

W201

4:15 PM – 4:45 PM

PRODUCT PREVIEW THEATER PRESENTATION

Experience the Beauty and Reliability of TASKA's Latest Hand

Presented by: Fillauer Companies

Exhibit Hall A, Product Preview Theater (PPT)

4:30 PM – 5:15 PM

CONCURRENT EDUCATION—TECHNICAL

How to Properly Use Two-part Structural Adhesives in the Manufacturing of Prosthetic and Orthotic Devices and Their Fitting (T5)

Scott Wimberley, CPA, CTPO

W209B

4:45 PM – 5:15 PM

CONCURRENT EDUCATION—BUSINESS

The Impact of Mobile O&P Care on Patient Satisfaction and Access to Care Among Veterans (B4)

Daniel C. Abrahamson, CPO

Chelsea Leonard, PhD

W209EF



Visit AOPAassembly.org

5:15 PM – 6:30 PM

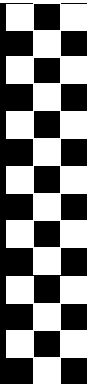
Exhibitor-Sponsored Happy Hour

Meet up in the exhibit hall after a busy day of learning and networking for the Exhibitor-Sponsored Happy Hour. Come and try your hand at our NASCAR Racing Simulators or our Dual Pit Stop Challenge!

Exhibit Hall A

Exhibitor-Sponsored

**HAPPY
HOUR**



5:30 PM – 6:30 PM

Poster Showcase

Exhibit Hall A, Product Preview Theater (PPT)

A More Function Head-Drop Orthosis

Felipe Villanueva, CPO

Adopting Hybrid Digitization in O & P Practice .Cost Effective, Efficient & Accurate Practice Methodology

Burhan Dhar, CPO

Caregiver's Experience: Complications, Stigma, and Compliance During Cranial Helmet Therapy

Gena Caldwell, MSPO

Goeran Fiedler, PhD

Comparison of Gait Characteristics Using Passive, Microprocessor-controlled, and Powered Transtibial Prostheses

Jeffrey Denune, CP, LP

Myia Dickens

Development of a Children's Book Intervention to Increase Pediatric Orthotic Device Compliance and Improve Peer Attitudes Towards Disability for 3-12 Year Olds

Otto and Lucille Becker AWARD WINNER Caitlin Bowman Martwinski, MSPO

Dynamic Strut Symes Prosthesis: A Novel Approach to Ankle Disarticulation

Vincent Lau, CPO

Exploring the Relationship Between the Type of Orthosis and the Gross Motor Function Classification System in Children with Cerebral Palsy

Eman Almalki, MSPO

Goeran Fiedler, PhD

Identifying and Acknowledging a Sex Gap in Lower-Limb Prosthetics Research: A Review

Abigail Iacangelo, CPO

Impact of Age at Amputation on Quality of Life in Individuals with Lower Limb Amputations

Goeran Fiedler, PhD

Mark Livingstone, MSPO

Initial Assessment of an Integrated Ultrasound-guided Prosthesis in Individual with Congenital Limb Difference

Afsana Hossain Rima

Non-invasive Method for Tracking Healing After Transtibial Amputation

Jonathan D. Day, PhD, CPO

Normative Orthotic and Prosthetic Users' Survey (OPUS) Scores in Lower Limb Prosthetic Users Across Multiple Follow-ups: A Retrospective Analysis

Edwin and Kathryn Arbogast AWARD WINNER Abrar Alamri, MSPO

Occupational Health and Safety for Orthotic and Prosthetic Clinicians: Gearing Up With Personal Protective Equipment

Goeran Fiedler, PhD

Rachel Post

Shaking up Phantom Pain: Investigating the Efficacy of Vibration Therapy

Kacey Roehrich, MRT

Norah Stivala

The Importance of Contextual Understanding in Daily Activities of Prosthetic Users

Inês Antunes

Vanessa Carvalho, CPO

The Influence of Prosthesis Alignment on Gait Parameters in Below-Knee Amputee: A Case Study

Toyokazu Takeuchi, PhD

Keizo Yamamoto, PhD





Saturday

SEPTEMBER 14

Thank You
TO OUR PEDORTHIC
EDUCATION SPONSOR:



7:00 AM – 5:00 PM

Onsite Registration & Information

Concourse A

7:00 AM – 5:00 PM

Speaker Ready Room

Suite 101, Concourse A

7:30 AM – 8:00 AM

Breakfast

Richardson Ballroom AB Foyer

8:00 AM – 9:00 AM

GENERAL SESSION

Thranhardt Lecture Series (C14)

Kick-off Day Two with breakfast and the Award-Winning Thranhardt Lectures—Established through a gift from J.E. Hanger, this series recognizes individuals committed to advancing O&P education and research, and memorialized Howard R. Thranhardt, CPO. The Thranhardt Award is one of the most coveted awards in the O&P profession.

Assessing Outcomes with Microprocessor Knee Utilization in a K2 Population (ASCENT K2): Findings from a Clinical Trial of 107 Individuals with Above-knee Amputation (C14A)

**Howard R. Thranhardt
AWARD WINNERS** Andreas Kannenberg, MD (GER), PhD
Shane Wurdeman, PhD, CP, FAAOP(D)

Reduction in Falls and Fall-Risk with Increased Walking Speed Found Following 1 Year of C-Brace® Use: Interim Results from the C-Brace® Registry (C14B)

**Howard R. Thranhardt
AWARD WINNERS** Tyler Klenow, MSPO, MBA, CPO, FAAOP
Russell Lundstrom, MS

Richardson Ballroom AB

9:00 AM – 4:00 PM

Exhibit Hall Open

Exhibit Hall A

9:00 AM – 10:30 AM

Break in Exhibit Hall

Exhibit Hall A

9:15 AM – 9:45 AM

PRODUCT PREVIEW THEATER PRESENTATION

ProStride Knee: Confidence for Every Step

Presented by: Alps South LLC

Exhibit Hall A, Product Preview Theater (PPT)

9:50 AM – 10:20 AM

PRODUCT PREVIEW THEATER PRESENTATION

Transfemoral Suspension Evolved

Presented by: Össur Americas Inc.

Exhibit Hall A, Product Preview Theater (PPT)

10:25 AM – 10:55 AM

PRODUCT PREVIEW THEATER PRESENTATION

Utilizing the Goralign Ankle to Improve K2 Amputee Stability-Impulse Technology

Presented by: NuTech Synergies LLC

Exhibit Hall A, Product Preview Theater (PPT)

10:30 AM – 12:00 PM

CONCURRENT EDUCATION—BUSINESS

Administrative Law Judge Trial—Simulation Proceedings (B5)

Dale Berry, CP, FAAOP, LP
Mitchell Dobson, CPO, FAAOP
Kimberly Hanson, CPRH
Lesleigh Sisson, CFo, CFm
W209EF

10:30 a.m. - 12:00 p.m.

SPECIAL SESSION

So Every BODY Can Move Panel

Teri Kuffel, JD
Sheryl Sachs, MSPO, CPO
Steve Slawinski, CO, LO, FAAOP
Kyle Stepp
W209B

**SO EVERYBODY
CAN MOVE**

10:30 AM – 12:00 PM

CONCURRENT EDUCATION—DIGITAL

Managing Your Practice with Digital Technology (D4)

No Money, No Mission: Navigating the Future of O&P Billing Solutions with Modern Technology (Including AI) (D4A)

Jon Bishop

Leveraging Machine Learning to Predict Free-Living Mobility (D4B)

Kyle Leister, PhD, CPO
W201

10:30 AM – 12:00 PM

CONCURRENT EDUCATION—PEDORTHIC/TECHNICAL

Combined Technical, Hands-on Total Contact Foot Orthoses Materials/ Fabrication (P6/T6)

Dennis Janisse, CPed
W209A

10:30 AM – 12:00 PM

CONCURRENT EDUCATION—CLINICAL

An Interdisciplinary Approach to the Clinical Management of Children with Arthrogyrosis (C15)

Tricia Bucci, MPT
Jaccalyn Owens, CPO, LPO
W206

10:30 AM – 12:00 PM

CONCURRENT EDUCATION—CLINICAL

Anatomy of a Fall: Could the Microprocessor Knee Have Prevented the Fall? (C16)

Robert Gailey, PhD, PT, FAPTA
Kurt Gruben, CPO
Christopher Wong, PT, PhD
W207

10:30 AM – 12:00 PM

CONCURRENT EDUCATION—CLINICAL

Prosthetic Free Paper Showcase (C17)

This session showcases five high-level research papers worthy of a special highlight.

A Clinical Decision Equation for the Personalized Prescription of Prosthetic Microprocessor Knees (C17A)

Kinsey Herrin, MSPO, CPO, LPO, FAAOP

Response Probabilities of PLUS-M Scores for Individuals with Lower Limb Amputation (C17B)

Bretta Fylstra, PhD

Lower-Limb Loss and Identification of Cardiovascular Disease Risk Factors (C17C)

Samantha Stauffer, CPO, MSOP

Relating Phantom Motor Execution Therapy Dosage to Changes in Phantom Limb Pain (C17D)

Levi Hargrove, PhD
Zachary Wright, PhD

Investigating Illusions of Phantom Arm Movements in the Population with Upper Limb Absence Using Cutaneous Vibrations (C17E)

Ruth Leskovar, MSc
W208

11:00 AM – 11:30 AM

PRODUCT PREVIEW THEATER PRESENTATION

Revolutionizing Spinal Care: Latest Innovations Impacting both Trauma and Post-Operative Treatment

Presented by: Aspen Medical Products
Exhibit Hall A, Product Preview Theater (PPT)

11:35 AM – 12:05 PM

PRODUCT PREVIEW THEATER PRESENTATION

O and P Journey, Discover the Future of BK Covers

Presented by: O and P
Exhibit Hall A, Product Preview Theater (PPT)

12:00 PM – 2:00 PM

Lunch in Exhibit Hall

Exhibit Hall A

12:00 PM – 1:30 PM

SPECIAL SESSION

Professional Women in O&P Luncheon (SE4)

The proceeds will benefit the *So Every BODY Can Move* Advocacy Campaign. Ticket Required (\$25). Space is limited.

E219AB

12:00 PM – 1:30 PM

SPECIAL SESSION

North Carolina Chapter Membership Meeting and Luncheon (SE5)

Pre-registration required.

E219CD

12:10 PM – 12:40 PM

PRODUCT PREVIEW THEATER PRESENTATION

Introducing META Flow—The Energy Efficient Alternative to Hydraulic K3 Feet

Presented by: WillowWood
Exhibit Hall A, Product Preview Theater (PPT)

12:45 PM – 1:15 PM

PRODUCT PREVIEW THEATER PRESENTATION

Introducing the Expanded Line of OrthoFeet Hands-Free Styles: Dual Gender, Multi-Category

Presented by: OrthoFeet Inc.
Exhibit Hall A, Product Preview Theater (PPT)

1:20 PM – 1:50 PM

PRODUCT PREVIEW THEATER PRESENTATION

Thuasne Portfolio—A Complete OA Range

Presented by: Thuasne USA/Townsend Design
Exhibit Hall A, Product Preview Theater (PPT)

1:55 PM – 2:25 PM

PRODUCT PREVIEW THEATER PRESENTATION

Unlocking Medicare Coverage for Lymphedema Compression Product: A Must-Know Update

Presented by: Thuasne USA/Townsend Design
Exhibit Hall A, Product Preview Theater (PPT)

2:00 PM – 2:45 PM

CONCURRENT EDUCATION—PEDORTHIC

12 Tips to Successfully Dispense Foot Orthotics (P7)

Seamus Kennedy, BEng (Mech), CPed, FAAOP(A)
W209A

Schedule of Events: SATURDAY

2:00 PM – 3:30 PM

CONCURRENT EDUCATION—DIGITAL

Resources for Digital Production (D5)

Educating the Future O&P Digital Craftsmen Using Online Agnostic Design Training, with the O+P Digital Designer Academy (D5A)

Arthur Hobden, B. Industrial Design

Join the O&P Marketing Experts to Address the Evolving Digital Landscape (D5B)

Jaime Keiser

Matt Lorenzo

Kyle Stepp

Shree Thaker

Non-Metallic Additive Manufacturing Overview and Case Studies

Krysten Minnici, PhD

W201



2:00 PM – 3:30 PM

CONCURRENT EDUCATION—TECHNICAL

Learning How to Properly Manufacture a Modular Dynamic AFO (T7)

Scott Wimberley, CPA, CTPO

W209B

2:00 PM – 3:30 PM

CONCURRENT EDUCATION—CLINICAL

Comparison of Original Scoliosis Treatments (C18)

Miguel Gomez, MD, LO

C. Ralph Hooper, CPO

James Wynne, CPO, FAAOP

W206

2:00 PM – 3:30 PM

CONCURRENT EDUCATION—CLINICAL

Socketology: Advanced Techniques (C19)

Christopher Hoyt, CP

W207

2:00 PM – 3:30 PM

CONCURRENT EDUCATION—CLINICAL

Prosthetic Free Papers: Lower Limb Component Innovations (C20)

Performance of L5981/L5968 Feet (C20A)

Matt Wernke, PhD

Analysis of a Novel Prosthetic Foot Design—a Clinical and Biomechanical Evaluation (C20B)

Thomas Maximilian Köhler, MSc, CPO

Performance Analysis of a Novel Prosthetic Foot with a New Machine Test Method and Comparison to Biomechanical and Subjective Measures (C20C)

Anna Ármannsdóttir, PhD

Impact of a Knee-ankle Prosthetic System on Quality of Life of Individuals with Transfemoral Limb Loss (C20D)

Victoria Spartacus, PhD

Clinical and Biomechanical Evaluation of a New Prosthetic Knee Joint—How Do Users Benefit from Entirely New Functions? (C20E)

Thomas Maximilian Köhler, MSc, CPO

Preliminary Evaluation of a Powered Hip Prosthesis (C20F)

Edward Lemaire, PhD

W208

2:00 PM – 5:00 PM

CONCURRENT EDUCATION—BUSINESS

Hamontree Lecture Series (B6)

Can a Small Fish Make a Splash in a Big Pond? (B6A)

Ernst W. Bastian, CO

Prevalence of Limb Loss and Limb Difference in the United States: Implications for Public Policy (B6B)

Ashlie White, MSHLS, MA

How Mergers and Acquisitions Are Changing the Orthotics and Prosthetics Landscape and What Independents Should Consider When Developing a Transition Plan (B6C)

David Holzman, CFA

Beyond the Sales Price, Top 10 Key Steps for Owners to Understand and Consider for an Efficient and Successful Transaction. Objective Is to Ensure Owners Look Beyond the Sales Price to Avoid Pitfalls (B6D)

Mike Schlesinger

W209EF

2:30 PM – 3:00 PM

PRODUCT PREVIEW THEATER PRESENTATION

The Icon MPK & Other New Products from College Park

Presented by: College Park Industries

Exhibit Hall A, Product Preview Theater (PPT)

2:45 PM – 3:30 PM

CONCURRENT EDUCATION—PEDORTHIC

Foot Orthotic Management of the Diabetic Foot (P8)

Erick Janisse, CO, CPed
W209A

3:05 PM – 3:35 PM

PRODUCT PREVIEW THEATER PRESENTATION

Top 10 Reasons O&P Practices Are Switching to Nymbi Systems

Presented by: Nymbi Systems
Exhibit Hall A, Product Preview Theater (PPT)

3:30 PM - 4:30 PM

SPECIAL SESSION

Future NCOPE Residency Standards Discussion

205AB



3:45 PM – 5:15 PM

CONCURRENT EDUCATION—DIGITAL

Tools for Digital Success (D6)

3D Printed Upper Extremity Bike Arm (D6A)

John Hildebrand, CPO
Wil Sexton, BS Mechanical Engineering

Printing Custom Short-Use Tooling for O&P Clinical Care and Fabrication (D6B)

Nathan Schmetter, CPO
Scott Wimberley, CPA, CTPO

Using Modern Tools to Improve Advanced Lower Limb Orthotic Alignment (D6C)

David Hughes, CPO
Nathan Schmetter, CPO
W201

3:45 PM – 5:15 PM

CONCURRENT EDUCATION—PEDORTHIC

Options When You Need More Control SCFOs (P9)

Dennis Janisse, CPed
W209A

3:45 PM – 5:15 PM

CONCURRENT EDUCATION—TECHNICAL

Technical Fabrication Techniques of High-Performance MILine Ankle Components (T8)

Sean McKale, CO, ATC
W209B

3:45 PM – 5:15 PM

CONCURRENT EDUCATION—CLINICAL

Clinical Indications for Cranial Remolding, Repositioning Therapy, and Physical Therapy (C21)

Colleen Coulter, PT, DPT, PhD, PCS
Tiffany Graham, MSPO, C/LPO, FAAOP(D)
Erin Kiehna
Darren J. Poidevin, CLPO
W206

3:45 PM – 5:15 PM

CONCURRENT EDUCATION—CLINICAL

MPK K2: Benefits and Reimbursement Update (C22)

Al Dobson, PhD
Andreas Hahn, PhD
Andreas Kannenberg, MD (GER), PhD
Shane Wurdeman, PhD, CP, FAAOP(D)
W207

3:45 PM – 5:15 PM

CONCURRENT EDUCATION—CLINICAL

Prosthetic Free Papers: Outcome Measures (C23)

Finding the Evidence: Evidence Based Practice Is the Value Proposition (C23A)

Fanny Schulte, MS, MEd, CPO, LP, FAAOP(D)

Variations in Outcome Measures for People with Lower Limb Amputation in the Outpatient Clinic and Research Settings (C23B)

Robert Gailey, PhD, PT, FAPTA

Initial Insights from the Limb Loss and Preservation Registry (C23C)

Kenton Kaufman, PhD, PE

Physiological Cost Index During 6-minute Walk Tests in Lower Limb Amputees: Results from a Prosthetic Foot Feasibility Study (C23D)

Russell Lundstrom, MS
Arri Morris, MSc, CCRA

A Newly Developed Outcome Measurement Instrument for Evaluating Prosthetic Components: First Practical Test (C23E)

Malte Bellmann
Barbara Pobatschnig

Delving into the Importance of Outcome Measures and Remote Monitoring in Lower-Limb Prosthetic Rehabilitation: Insights from an Online Survey (C23F)

Vanessa Carvalho, CPO
Joana Martins, MBE

Gait Analysis with Transfemoral Amputees: How Accurate Are Essential Kinematic and Kinetic Parameters Characterizing the Functionality of Prosthetic Knee Joints? (C23G)

Barbara Probatschnig
W208



7:00 AM – 10:00 AM

Onsite Registration

Concourse A

7:00 AM – 11:00 AM

Speaker Ready Room

Suite 101, Concourse A

7:30 AM – 8:00 AM

Breakfast

Richardson Ballroom AB Foyer

8:00 AM – 9:00 AM

GENERAL SESSION

AOPA Annual Business Meeting and Awards Ceremony

Join us for breakfast and an opportunity to honor the 2024 awardees. During the AOPA membership meeting, you'll receive updates that focus on AOPA and the profession.

Presentation of the Lifetime Achievement Award



Larry Word, CPO, FAAOP



Richardson Ballroom AB

9:15 AM – 10:00 AM

CONCURRENT EDUCATION—PEDORTHIC

Technology and 3D Printing in Pedorthics: Reducing the Environmental Impact (P10)

Seamus Kennedy, BEng (Mech), CPed, FAAOP(A)
W209A

9:15 AM – 10:30 AM

CONCURRENT EDUCATION—BUSINESS

What Does Your Contract Say? (B7)

Brock C. Berta, MBA, CPC
Erin Cammarata
Stacy Toner, CBCS
W209EF

9:15 AM – 10:45 AM

CONCURRENT EDUCATION—CLINICAL

The State of Dynamic Carbon Fiber AFO Technology: Clinical Applications and Long-Term Outcomes (C24)

Kirsten Anderson, PhD Candidate
Lee Childers, PhD, CP
Noel Chladek, CPO, LPO
W206

9:15 AM – 10:45 AM

CONCURRENT EDUCATION—CLINICAL/DIGITAL/TECHNICAL

Taking the Leap: Advancing O&P with Digital Tools (C25/D7/T9)

Jeffrey Denune, CP, LP
Brent Wright, CP, BOCO
W207

9:15 AM – 10:45 AM

CONCURRENT EDUCATION—CLINICAL

Prosthetic Free Papers: General Topics (C26)

Assessment of the Usability of a Telehealth Remote Prosthetic Training Application for Service Members and Veterans (C26A)

Robert Gailey, PhD, PT, FAPTA

Effective Use of Components with External Power Is Not Intuitive for Many Patients with Lower-limb Amputation (C26B)

Andreas Kannenberg, MD (GER), PhD

"It Is Available, It Is Just Not Available to Me": Exploring the Factors Influencing the Social Participation of Adults with Lower Limb Absence (C26C)

Brittany Pousett, CP(C), MSc

Managing Prosthetic Treatment for Women with Lower Limb Absence During Pregnancy and the Post-Natal Period (C26D)

Brittany Pousett, CP(C), MSc

Early Prosthesis Receipt Is Associated with Better Odds of Employment After Lower Limb Amputation (C26E)

Shane Wurdeman, PhD, CP, FAAOP(D)

Empowering Amputees: Shaping Phantom Limb Pain Solutions from the Patient's Perspective (C26F)

Ryan Serbin, MD
Bryan Loeffler, MD
W208

10:00 AM – 10:45 AM

CONCURRENT EDUCATION—PEDORTHIC

Foot Orthoses Case Studies (P11)

Dennis Janisse, CPed
W209A

10:30 AM – 12:00 PM

CONCURRENT EDUCATION—BUSINESS

Regulatory Update... Did You Know? (B8)

Amit V. Bhanti
 Laurie Johnson, JD
 Karyn Kessler, CHPC, CHC
 W209EF

11:00 AM – 12:30 PM

CONCURRENT EDUCATION—CLINICAL

Orthotic Free Papers: Pediatric & Upper Extremity (C27)

A Pilot Analysis of Pressures in Cranial Remolding Orthoses (C27A)

Tiffany Graham, MSPO, C/LPO, FAAOP(D)
 Jennifer Johansson, MS

An Updated Prediction Model for the Maximum Expected Treatment Time with a Cranial Remolding Orthosis (C27B)

Tiffany Graham, MSPO, C/LPO, FAAOP(D)

Functional Comparison and Social Perception of Dynamic Strut Orthotic Intervention for Sensory-Based Idiopathic Toe-Walking in Children (C27C)

Cassandra Delgado, MSPO, CPO

Myoelectric Powered Orthosis: Clinical Outcomes From 59 Subjects During 12 months of Home Use

Jonathan Naft, CPO
 W206

11:00 AM – 12:30 PM

CONCURRENT EDUCATION—CLINICAL

Medical Necessity In Prosthetics and Orthotics: Moving from Device Deliverers to Healthcare Providers (C28)

Jeffrey Heckman, D.O. in PM&R
 Andreas Kannenberg, MD (GER), PhD
 Molly McCoy, CPO
 W207

11:00 AM – 12:30 PM

CONCURRENT EDUCATION—CLINICAL

Prosthetic Free Papers: Sockets & Osseointegration (C29)

An Adaptable Socket to Automatically Maintain Prosthetic Fit During Simulated Military Operations (C29A)

Ciera Price, MSPO, CPO/L

Biomechanical Effects of an Adjustable versus Rigid Lower Limb Prosthetic Socket During Walking (C29B)

Gabriela Diaz, MS

Digital Weight-bearing (dwb) Shape Capture Socket Technology for Improved Residual Limb Health (C29C)

Jeffrey Denune CP, LP

In-socket Pressure Characteristics for Powered Transtibial Prostheses (C29D)

Jeffrey Denune, CP, LP
 Adedayo Jigida, PhD

Review of Current Bone Anchored Research and Reimbursement Considerations (C29E)

D. Kurt Collier, CP
 W208

11:00 AM – 1:00 PM

CONCURRENT EDUCATION—DIGITAL

Digital O&P Showcase



Digital O&P Showcase (D8)

Returning once again! The Digital O&P Showcase will be a hands-on event to learn about computer-based 3D design software tools utilizing provided prosthetic, orthotic, and pedorthic patient cases (the patient file, 3D scan, and positive model). Exhibitors will present a fabricated mold, device, or 3D print. *New for 2024 we've added a third patient case file focusing on Pedorthics.*

W209CD

Happy Anniversary

from AOPA



▶▶ Exhibitors

For a full company description, contact information, product categories, show specials and social media links, please visit the Exhibitor section on the show mobile app or the Assembly website at AOPAAassembly.org.



Bold = AOPA Member
 ■ = new exhibitors 2024
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Exhibitors as of August 21, 2024

■ ABCorp 3D.....	503
Acor Orthopaedic LLC.....	840
Aether Biomedical.....	846
Allard USA.....	526
Alps South LLC.....	1004
■ Alt-Bionics Inc.....	400
Alternative Prosthetic Services Inc.....	305
American Academy of Orthotists and Prosthetists.....	330
American Board for Certification in Orthotics, Prosthetics & Pedorthics.....	326
American Breast Care.....	742
American Orthotic & Prosthetic Assn. (AOPA-Member Hub).....	1106
American Prosthetic Components.....	821
Amputee Coalition.....	518
Anodyne.....	622
■ AOPA World Elite Business Mastercard®.....	536
Apis Footwear Co.....	408
ARTech Laboratory Inc.....	1040
Aspen Medical Products.....	412
Becker Orthopedic Appliance Co.....	723
BILLY Footwear.....	547
BionicM Inc.....	301
■ BionIT Labs Inc.....	443
BioSculptor Corporation.....	201
Blatchford.....	403
Board of Certification/Accreditation (BOC).....	406

Bowman Medical International.....	226
BrainRobotics.....	418
Bulldog Tools.....	900
Cailor Fleming Insurance.....	720
Cascade Orthopedic Supply LP.....	726
CBS Medical Billing & Consulting LLC.....	402
Coapt LLC.....	647
College Park Industries.....	310
Comb O&P.....	532
Comfort Products Inc.....	800
Coretech Orthopedics.....	936
COVVI.....	646
Coyote Prosthetics Orthotics.....	714
■ CPO Labs/insoles.ai.....	539
Curbell Plastics Inc.....	223
Danmar.....	1123
DAW Industries.....	918
DME MAC Medicare Contractors.....	441
Dr. Comfort.....	529
Drew Shoe Corp.....	837
■ EDSER Labs.....	322
Elevate Movement.....	531
Ethnocare.....	430
Fillauer Companies.....	902
FIOR & GENTZ GmbH.....	426
FLO-TECH O&P SYSTEMS INC.....	307
Formlabs.....	509
Friddle's Orthopedic Appliances Inc.....	618
Grace Prosthetic Fabrication Inc.....	701
Hanger Clinic.....	939
HiTek Fabrication.....	537
HP 3D Printing.....	736

▶ Exhibit Floor Plan



Icarus Medical	642
■ Image Orthopedic Lab	545
Infinite Biomedical Technologies	601
Integrum Inc.	520
Invent Medical USA LLC	508
Kinetic Research	602
KISS Technologies LLC	819

Koalaa	445
LaunchPad O&P	606
■ LeoShape by Leopoly	741
■ Levitate Sport	212
Life-Like Laboratory	538
Lindhe Xtend Inc	732
Martin Bionics	600

Exhibitors

■ Materialise.....	841	■ Ormosys US Corp.	447
medi USA.....	938	■ Ortheco Prosthetics.....	315
Mile High Orthotics Lab.....	940	OrthoFeet Inc.	514
Monetek LLC.....	227	Orthomerica Products Inc.	1036
MOZN Solutions LLC.....	700	OrthoPediatrics Specialty Bracing.....	1038
Myomo.....	401	Orthotic & Prosthetic Group of America (OPGA).....	810
■ NC O&P Professionals.....	839	Orthotic Holdings OHI.....	1119
NCOPE.....	328	Össur Americas Inc.	302
New Step Orthotic Lab Inc.	922	Ottobock Healthcare.....	500, 502
■ New Vision Orthotics and Prosthetics.....	214	Paceline Inc.....	838
NuTech Synergies LLC.....	202	■ Paromed US LP.....	420
Nymbi Systems.....	816	PEL LLC.....	1030
O and P.....	309	Point Designs.....	505
O&P Almanac.....	1106	■ Pro Armour.....	300
O&P Insight.....	626	Pro-Tech Orthopedics.....	1026
OneSource.....	415	PROTEOR.....	926, 927
OP Solutions.....	416	Protosthetics.....	523
■ OPED Medical.....	318	Prudential Billing & Consulting.....	331
OPIE.....	908	PSYONIC Inc.....	521
Orfit Industries America.....	410	PVA Med.....	941

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Radii Devices Ltd.	640	Surestep	802
■ Rapid Liquid Print	228	Tamarack HTI	822
Renia GmbH	1121	The International Institute of Orthotics and Prosthetics	1120
■ RND Softech	419	■ The Orthotics and Prosthetics Foundation for Education and Research	231
Roboticom	433	Thermo-Ply Inc.	630
■ Rocky Tech. Ltd.	645	Thrive Orthopedics	519
■ Saphenus Medical Technology	200	Thuasne USA/Townsend Design	826
■ Sensor Medica Corp.	636	Tianjin Tairuibosi Medical Appliance Co. Ltd.	311
SHINING 3D Technology Inc.	615	Tillges Technologies	421
■ SnugFit Solutions	516	Turbomed Orthotics Inc.	422
■ Solvedge Inc.	428	US ISPO.....	439
Spentys	643	WillowWood	1018
Spinal Technology LLC	702	■ Wrymark DBA Resource Labs	844
SPRINGER AKTIV AG	842		
SPS	1114		
ST&G USA Corp.	832		
SteeperUSA	610		
■ STIL	222		
Structure	434		



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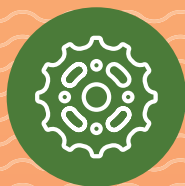
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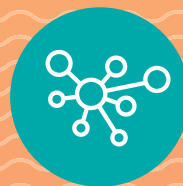
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