



PROGRAM BOOK

ACPOC 2025 Annual Meeting

April 9–12th Renaissance Dallas 2222 Stemmons Fwy, Dallas, TX 75207

April 9–12th | Dallas, TX

Table of Contents

| General Information on the 2025 ACPOC Annual Meeting | 3 |
|--|-------------------------|
| CME Information | 4-5 |
| Thank You to Our Sponsors! | 6 |
| Meeting Program | 7–16 |
| Hector W. Kay Memorial Lecturer | 17 |
| Presidential Guest Speaker | |
| New Investigator Research Award Guest | 19–20 |
| Orthopedic Resident Travel Award | 21 |
| Exhibitor Layout | 22 |
| Sponsor Features | 23–30 |
| 2025 Exhibitors | |
| Save the Date | |
| History of ACPOC | 35–36 |
| Clinic Listings | |
| Donate to ACPOC | 37 |
| Join or Renew ACPOC Membership | |
| The full digital Program Book with Abstracts can be found online at <u>acpoc.org/202</u> | <u>5-annual-meeting</u> |



April 9–12th | Dallas, TX

General Information

The Association of Children's Prosthetic-Orthotic Clinics provides a comprehensive resource of treatment options provided by professionals who serve children, adolescents, and young adults with various orthopaedic impairments.

Goals

The goal of the annual meeting is to provide a forum for the sharing of knowledge regarding the newest developments in research, equipment, observations, and treatments for children and adolescents with limb deficiencies. The meeting will also encourage and promote investigative endeavors and augment the education of personnel engaged in scientific endeavors related to the field of limb deficient patients.

Objectives

At the conclusion of this activity participants should be able to:

- Provide a format that presents the best available knowledge in the care and treatment of children and adolescents with limb deficiencies and transition into adulthood,
- Examine the indications, techniques and results of various surgical, procedures and describe the management of children's Orthopaedic problems,
- Examine the latest prosthetic-orthotic equipment,
- Present the latest in physical and occupational therapy, rehabilitation and adaptive equipment and techniques.

Target Audience

This activity is designed for new and established orthopaedic surgeons, pediatricians, rehabilitation physicians, nurses, orthotists, prosthetists, physical and occupational therapists, other healthcare professionals who care for children with orthopaedic or related disabilities and educators from with the US and Canada, or in practice outside the US and Canada.

Disclaimer Information

The material presented at the 2025 Annual Meeting has been made available by ACPOC for educational purposes only. The material is not intended to represent the only, or necessarily best, method or procedure appropriate for the medical situations discussed, but rather is intended to present an approach, view, statement or opinion of the faculty, which may be helpful to others who face similar situations.

Furthermore, any statements about commercial products are solely the opinion(s) of the author(s) and do not represent an ACPOC endorsement or evaluation of these products. These statements may not be used in advertising or for any commercial purpose.

The ACPOC disclaims any and all liability for injury or other damages resulting to any individual attending the Annual Meeting and for all claims that may arise out of the use of the techniques demonstrated therein by such individuals, whether physicians or any other person shall assert these claims.

FDA Disclaimer

Some drugs or medical devices described or demonstrated in ACPOC educational programs or materials may not have been cleared by the Food and Drug Administration (FDA) or have been cleared by the FDA for specific uses only. The FDA has stated that it is the responsibility of the physician to determine the FDA clearance status of each drug or device he or she wishes to use in clinical practice.

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April 9–12th | Dallas, TX

CME Information

Activity Goal This activity is designed to address the following core and team competencies: Patient Care, Medical Knowledge, Practice-based Learning, System-based Practice, and Interprofessional Communication.

Non-Endorsement

The accredited provider verifies that sound education principles have been demonstrated in the development of this educational offering as evidenced by the review of its objectives, teaching plan, faculty, and activity evaluation process. The accredited provider does not endorse or support the actual opinions or material content as presented by the speaker(s) and/or sponsoring organization.

Disclosures

The accredited provider adheres to accreditation requirements regarding industry support of continuing medical education. Disclosure of the planning committee and faculty's commercial relationships will be made known at the activity. Speakers are required to openly disclose any limitations of data and/or any discussion of any off-label, experimental, or investigational uses of drugs or devices in their presentations. - All employees in control of content have no relevant financial relationships to disclose.

All relevant financial relationships have been mitigated. The following participants have No Relevant Financial Relationships to Disclose: Shanee Abouzaglo, MD; Pegah Amir Yazdani, MD; Alyssa Barre, MD; Katherine Beard, BS; Victoria Blackwood, MS; Lizabeth Bunkell, PT; Henry Chambers, MD; Colleen P Coulter, PT, DPT; Don Cummings, CP, LP; Kara Davis, CPO, LPO; Dana Dempsey, MS, CTRS; Kaila Devine, CRNP; Corey Gill, MD, MA; Tiffany Graham, MSPO, C/LPO; Rusty Hartman, MS; Kelly Jeans, MS; Lydia Klinkerman, BS; Edward Krische, MS, CPO; Lauren Levey, MSPO, CPO; Marina Ma, MD; Kylie MacDonell, PT, DPT; Abbey Meyer, LCPO; Amy Moss, MA, OTR/L; Gabrielle Nguyen, MD; Teresa Pierce, PT, DPT; Jaime Pineda, CPO; Brandon Ramo, MD; Fabiola Reves, MD; Kaitlin Rivest, CPO, MSPO; Ronni Rowe, OTR, ATP; Kayli Schwantz, MS, CFm; Phoebe Scott-Wyard, DO; Angela Shierk, PhD, OTR; Rebecca Siegel, MD; Steven Slawinski, CO, LO; Rajashree Srinivasan, MBBS; Kyle Stepp; Kelsey Thompson, CPO, LPO; Alison Troilo, PT, DPT; Jason Vardeman; Regina Velarde, MS, BS; Don Virostek, CPO, LPO; Ashlie White, MSHLS, MA; Daniel Whittingslow, MD, PhD; Eden Winslow, BS; James Wynne, CPO; Vivian Yip OTD,OTR/L; Karina Zapata, PT, DPT; Caroline Zeiser, MSPO, CPO

Relevant Financial Relationships

| First | Last | Suffix | Commercial Interest | Role |
|---------|--------|---------|---------------------|-------------------------------|
| Camille | Costa | MD | lpsen | Research |
| Camille | Cruz | MS, CPO | Surestep | Clinical Education Specialist |
| Robert | Meier | со | Allard | Consultant |
| Leslie | Nelson | PT, PhD | Biogen | Consultant, Advisor |



Accreditation

In support of improving patient care, this activity has been planned and implemented by CineMed and the Association of Children's Prosthetic-Orthotic Clinics. CineMed is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

Physicians

Cine-Med designates this live activity for a maximum of 23 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Other Healthcare Professionals

All other healthcare professionals will receive a Certificate of Participation. For information on the applicability and acceptance of Certificates of Participation for activities designated for AMA PRA Category 1 Credits[™], consult your professional licensing board.

AAPA accepts certificates of participation for educational activities certified for AMA PRA Category 1 Credit™ from organizations accredited by ACCME or a recognized state medical society. 4

April 9–12th | Dallas, TX

CME Information

ABCOP Credits

The ACPOC Annual Meeting has been awarded continuing education credits by the American Board for Certification in Orthotics, Prosthetics and Pedorthics. 24.5 Category 1 Scientific Credits will be awarded.

OPC Credits

The ACPOC Annual Meeting has been awarded continuing education credits by the Orthotics Prosthetics Canada (OPC) for a total of 23 MCE Credits.

Certificates:To claim your CME/CE credits, complete the online Credit and Evaluation form using the following URL: <u>https://cine-med.com/certificate.php?redirect=acpoc2025</u>

This is a one-time credit submission. Credits should be tracked at the completion of the meeting. Participants will be able to download or print a certificate once the form has been submitted. Note: Select the Non-Physician Certificate option for a certificate with the ABCOP and OPC credits.

Commercial Support

This activity is provided independent of industry support.



April 9–12th | Dallas, TX

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PLATINUM LEVEL

DIAMOND LEVEL



April 9–12th | Dallas, TX

Meeting Program

(all times listed are CST)

Abstracts can be found online at acpoc.org/2025-annual-meeting

Wednesday, April 9th

| 10:00am-8:30pm | Registration |
|-----------------|--|
| 11:30am-6:05pm | Technical Workshops |
| 11:30am–12:15pm | Ottobock — MyCRO Band: Digital CRO Solution |
| 12:20-1:05pm | Allard — Lower Extremity Product Selection Guidelines for Children with Neuromuscular Disorders |
| 1:10-1:55pm | Becker Orthopedic — Optimizing Gait Kinematics with High Performance Orthtotic Ankle |
| 2:00-2:45pm | Surestep — Engage! Dynamic Head and Trunk Orthotic Solutions to improve pediatric performance |
| | and participation |
| 2:50–3:35pm | Point Designs — Build your Business by Optimizing Outcomes for Patients with Partial Hand |
| 2 40 4 25 | Amputation |
| 3:40-4:25pm | Invent Medical — USA Utilizing 3D Printing in Pediatric Orthotics |
| 4:30–5:15pm | Orthopediatrics Specialty Bracing — Empowering Children with Tremor: The Move-D Brace Solution |
| 5:20–6:05pm | Orthopediatrics Specialty Bracing — OPSB Adherence Monitor and The Boston Night Shift Updates |
| | ACPOC is not advocating any technology or methods by providing time for workshops |
| 6:30-8:30pm | Welcome Reception with Vendors in Exhibit Hall Special Thanks to Scottish Rite for Children! |
| 7:30-10:00pm | Board of Director's Meeting |

Thursday, April 10th

| 7:00-8:00am | Continental Breakfast |
|---------------|---|
| 7:00am–5:30pm | Registration |
| 8:00–8:05am | Welcome Phoebe Scott-Wyard, DO – ACPOC President |
| 8:05–8:10am | New Investigator Research Awards Presentation |

Phoebe Scott-Wyard, DO – ACPOC President

April 9–12th | Dallas, TX

Thursday, April 10th

| 8:10-9:20am | SESSION I – SPINAL MUSCULAR ATROPHY Moderator: Connie Summers, CO |
|-----------------|--|
| 8:10–9:10am | Keynote Presentation: Advances in Spinal Muscular Atrophy (SMA) Management Brian Snyder, MD, PhD, Brandon Ramo, MD, Leslie Nelson, PT, PhD, Ronni Rowe, OT, APT, and James Wynne, CPO |
| 9:10–9:20am | Discussion |
| 9:20–10:00am | SESSION II – NEUROMUSCULAR AND SPINE Moderator: Gabby Nguyen, MD |
| 9:20–9:30am | Pain Management in Pediatric Cerebral Palsy Patients Undergoing Single-Event Multilevel Surgeries Involving the Hip: Efficacy of Post-operative Epidural Analgesia Daniel Whittingslow, MD, PhD, Camara Wooten, Aaron Williams and Anna Vergun, MD |
| 9:30–9:40am | A Different Approach: Use of a Custom-Molded TLSO as Compared to Traditional Bracing for Pediatric Neuromuscular Scoliosis Abbey Meyer, LCPO, David Farbo, PhD, Kristy Reyes, BS, Lauren Lamont, MD and Ybarra Cristian, MD |
| 9:40–9:50am | Early Brace Treatment: The New Standard for Adolescent Idiopathic Scoliosis? Karina A. Zapata, PT, DPT, PhD ; Megan Johnson, MD; JP Rathbun, BSA ; Donald Virostek BS, CPO; Chan-Hee Jo, PhD; Daniel J. Sucato, MD, MS |
| 9:50–10:00am | Discussion |
| 10:00–10:45am | Break in Exhibit Hall |
| 10:45am–12:00pm | SESSION III – SPINE AND HALO Moderator: Brian Emling, CPO, LPO |
| 10:45–11:40am | Halo Gravity Traction: Application of Best Practice Guidelines in 3 Spine Centers of Excellence Lauren Levey, MSPO, CPO, Kaila Devine, MSN, CRNP, Alison Troilo, PT, DPT, Don Virostek, CPO, LPO and Richard Welling, MSPO, CPO |

April 9–12th | Dallas, TX

| Thursday, April 10th | | |
|----------------------|--|--|
| 11:40am – 12:00pm | Discussion | |
| 12:00-1:00pm | Lunch in Exhibit Hall | |
| 1:00-2:20pm | SESSION IV – OUTCOMES AND PATIENT/FAMILY EXPERIENCES Moderator: Deanna Jewell, DO | |
| 1:00–1:40pm | Physical Health and Youth Sports in Congenital and Amputated Lower Limb deficiency (PHYSICALL): Results of a Multi-site, Cross-Sectional Study Mary Dubon, MD, Rebecca Siegel, MD, Phoebe Scott-Wyard, DO, and Corey Gill, MD, MA | |
| 1:40-1:50pm | Scottish Rite for Children's Learn to Golf Program: For Children with Disabilities, it is more than just a Game Dana Dempsey, CTRS | |
| 1:50–2:00pm | Prenatal Clubfoot Consultations: Barriers to Accessing Information for Expectant Families and Downstream Effects on Bracing Compliance Rusty Hartman, MS, Brendan Jackson, BS, and Anthony Riccio, MD | |
| 2:00-2:10pm | Measuring what Children like or Dislike about their Prosthesis: Development of a New PROM to Measure Children's Satisfaction with their Prosthesis Corey Gill, MD, MA, Harpreet Chhina, PhD, Anne Klassen, PhD, Brittany Pousette, MSc, PhD(Candidate), and Anthony Cooper, FRCSC | |
| 2:10-2:20pm | Discussion | |
| 2:20-3:00pm | Break in Exhibit Hall | |
| 3:00-4:10pm | SESSION V – NEW INVESTIGATOR AWARDS Moderator: Rebecca Spragg, MSPO, CPO | |
| 3:00-3:20pm | The Effects of Orthoses Optimization on Gait Biomechanics and Function in Children with Cerebral Palsy: An Exploratory Study Teresa Pierce, PT, DPT, PhD, Karl Barner, CPO, Mark Geil, PhD, and Alyssa Fiss, PT, PhD | |
| 3:20-3:40pm | Enhancing Scoliosis Brace Comfort – The Key Role of Orthotists Megan Glahn Castille, MS, CPO, and Kayli Schwantz, BS | |

April 9–12th | Dallas, TX

Thursday, April 10th

| 3:40-4:00pm | Feasibility of a Randomized Controlled Trial on Cranial Orthosis Therapy for Severe Deformational Plagiocephaly: A Pilot Study Pegah Amir Yazdani, MD, Rasha Alhaeik, BSc, Alexander G. Weil, MD, FRCSC, and Camille Costa, MDCM, MSc, BSc |
|-------------|--|
| 4:00-4:10pm | Discussion |
| 4:10-5:00pm | SESSION VI – CRANIAL Moderator: Rebebcca Spragg, MSPO, CPO |
| 4:10-4:20pm | Parent Satisfaction and Post-Treatment Changes at 18 Months of Age After Cranial Remolding Treatment Steven Slawinski, CO, LO, FAAOP |
| 4:20-4:30pm | 2D and 3D Changes of Deformational Head Shapes during Repositioning Therapy and Cranial Remolding Treatment Tiffany Graham, C/LPO, FAAOP(D), Jijia Wang, PhD, Fabian A. Calderon, MPO Student, and Rami Hallac, PhD |
| 4:30-4:40pm | Cranial Remolding Orthosis Treatment for Pansynostosis and Cloverleaf Skull Kaitlin Rivest, MSPO, CPO |
| 4:40-4:50pm | Developmental Outcomes of School-Aged Children Diagnosed with Positional Plagiocephaly/Brachycephaly in Infancy Caroline Zeiser, MSPO, CPO, James Wynne, CPO, Michele DeGrazia, PhD, RN, NNP-BC, FAAN, Alexandra Cole, MPH, Laura Berbert, MS |
| 4:50-5:00pm | Discussion |
| 5:00-5:30pm | SESSION VII – OUTCOMES Moderator: Colleen Coulter, PT, DPT, PhD |
| 5:00-5:20pm | Types and Frequencies of Femoral, Hip, and Pelvic Anomalies Associated with Tibial Deficiency and Implications on Treatment Alyssa Barre, MD, Grace Markowski, BS, David Westberry, MD, Kenneth Powell, MD and Janet Walker, MD |
| 5:20-5:30pm | Discussion and Adjourn |
| 5:45pm | Tour of Texas Scottish Rite Hospital |

April 9–12th | Dallas, TX

Friday, April 11th

| 7:00–8:00am | Continental Breakfast |
|---------------|---|
| 7:00am–5:00pm | Registration |
| 8:00-8:50am | SESSION VIII – SPINE Moderator: Corey Gill, MD |
| 8:00-8:10am | Development of a Cloud-Based Remote Monitoring System for Halo Gravity Traction Lydia Klinkerman, BS, Brad Niese, BS, and Jaysson Brooks, MD |
| 8:10-8:17am | Comparison of In-Brace Curve Correction and Curve Progression between Night-Time and Full-Time Bracing in Thoracic AIS – A Matched Cohort Study Regina Velarde, MS, BS, Martin Heegaard, PhD, MD, Amy L. McIntosh, MD, Megan E. Johnson, MD, and Soren Ohrt-Nissen, PhD, MD |
| 8:17–8:24am | Night-time vs. full-time bracing in thoracic AIS – Are there differences in curve progression when matching for time-in-brace? Regina Velarde, MS, BS, Martin Heegaard, PhD, MD, Amy L. McIntosh, MD, Megan E. Johnson, MD, and Soren Ohrt-Nissen, PhD, MD |
| 8:24-8:31am | In-Brace Radiographs and not Coronal Deformity Angular Ratio Independently Predicts Curve Progression in Providence Nighttime Brace Treatment for Idiopathic Scoliosis Karina Zapata, PT, DPT, PhD, Dan Sucato, MD, MS, Kara Davis, CPO, LPO, MS , Chan-Hee Jo, MD, and Megan Johnson, MD |
| 8:31–8:38am | Successful Nighttime Brace Treatment Modulates Growth in Children with Idiopathic Scoliosis Karina Zapata, PT, DPT, PhD, Joshua Utay, EdD, CPO, LPO, Katherine Beard, BS, Dan Sucato, MD, MS, and Megan Johnson, MD |
| 8:38–8:50am | Discussion |
| 8:50–10:00am | Presidential Speaker Session Moderator: Phoebe Scott-Wyard, DO |
| 8:50–10:00am | From Pain to Purpose and Advocacy to Action Kyle Stepp, Elite Para Athlete |
| 10:00–10:45am | Break in Exhibit Hall |

April 9–12th | Dallas, TX

Friday, April 11th

| 10:45am–12:00pm | SESSION IX – CHALLENGING CASES Moderator: Kelly Jeans, MS |
|---------------------|--|
| 10:45–10:55am | Prosthetic Challenges for a Child with Popliteal Pterygium After Knee Disarticulation Don Cummings, CP, LP |
| 10:55–11:05am | Hip-pa-palozza- Complex Hemipelvectomy with Scoliosis Edward Krische, MS, CPO, LPO, and Kylie MacDonell, PT, DPT |
| 11:05–11:15am | Maintaining Spinal Flexibility in a Patient with Congenital Limb Deficiencies Lizabeth Bunkell, PT, Jaysson Brooks, MD, and Lane Wimberly, MD |
| 11:15–11:25am | Boosting Independence with Adaptive Equipment for Children with Limb Difference Vivian Yip, OTD, OTR/L |
| 11:25am– 12:00pm | Discussion |
| 12:00–1:30pm | Member Business Meeting |
| 12:00-1:30pm | Lunch in Exhibit Hall |
| 1:30-2:00pm | SESSION X – UPPER EXTREMITY PROSTHETICS Moderator: Colleen Coulter, PT, DPT, PhD |
| 1:30–1:40pm | Affected Muscles of Children Born with Upper-Limb Deficiencies Retain Proportional Motor Control Eden Winslow, BS, Justin Fitzgerald, BS, Michelle James, MD, Wilsaan Joiner, PhD, and Jonathon Schofield, PhD |
| 1:40-1:50pm | One Size Doesn't Fit All: Choosing the Correct Upper Extremity Prosthesis Alyssa Barre, MD, Eric Miller, L/CPO, and Janet Walker, MD |
| 1:50-2:00pm | Discussion |

April 9–12th | Dallas, TX

Friday, April 11th

| 2:00-2:30pm | SESSION XI – PROSTHETICS Moderator: Eddie Krische, MS, CPO, LPO |
|-------------|--|
| 2:00-2:10pm | Pediatric Knee Disarticulation Gait Deviation Case with Complex Cardiac and Neurological Comorbidities Kaitlin Rivest, MSPO, CPO, Rebecca Siegel, MD, and Julia Pines, Prosthetic Resident |
| 2:10-2:20pm | The Risk of Overgrowth Following Transtibial Amputation is Dependent on Age at Initial Surgery Anne Marie Dumaine, MD, Corey Gill, MD/MA, Claire Shivers, BS, Kelly Jeans, MS, Jessica Laureano Phillips, MS/MPH, and Chan-Hee Jo, PhD |
| 2:20-2:30pm | Discussion |
| 2:30-3:15pm | Break in Exhibit Hall |
| 3:15-4:00pm | SESSION XII – OUTCOMES ON INCIDENCE AND PREVALENCE Moderator: Vivian Yip, OTD, OTR/L |
| 3:15-3:35pm | 3.4 Million Living with Limb Difference – US Prevalence Data and the Implications for Public Policy Ashlie White, MSHLS, MA |
| 3:35–3:45pm | Do PODCI and Gait Scores Change Overtime in Children with Lower Extremity Limb Deficiency? Is there a relationship between PODCI and Gait Scores? Kelly Jeans, MS |
| 3:45-4:00pm | Discussion |
| 4:00–5:00pm | Exhibitor Forum - Exhibitors Only |
| 4:00-5:30pm | SESSION XIII – Clinician Guided Forum Moderator: Anna Vergun, MD, and Corey Gill, MD |
| 4:00-5:30pm | Clinician Guided Forum |

April 9–12th | Dallas, TX

Friday, April 11th

| 5:30pm | Adjourn |
|-------------|---|
| 6:00-9:00pm | Friday Night Social Event Peticolas Brewing Company, 1301 Pace Street, Dallas, TX, 75207 <i>(Pre-registration Required)</i> |

Saturday, April 12th

| 7:00–8:00am | Continental Breakfast |
|----------------|--|
| 7:00am–12:30pm | Registration |
| 8:00-9:00am | SESSION XIV – GLOBAL CONCERNS Moderator: Colleen Coulter, PT, DPT, PhD |
| 8:00–8:10am | War-Related Right Lower Extremity Injury in an 8-year-old Male from Gaza Corey Gill, MD, MA |
| 8:10-8:20am | Global Challenges in Pediatric Prosthetics and Orthotics Care: A Qualitative Exploration of Professional Perspectives Shanee Abouzaglo, MD, and Corey Gill, MD, MA |
| 8:20-8:40am | Understanding the Impact of War and Trauma on Children. Is there an emerging Global Health Crisis? Zaria Shah, Colleen P Coulter PT, DPT, PhD, Tom Adamkiewicz MD, FRCP, MSCR, FAP, Corey Gill MD, MS |
| 8:40–8:50am | Experiences Delivering Prosthetic, Orthotic, and Rehabilitation Care to Unfunded or Low-Resource Patients Gabrielle Nguyen, MD, Sharon Malek, DPT, Brittany Guidry, DPT, and Marina Ma, MD |
| 8:50–9:00am | Discussion |

April 9–12th | Dallas, TX

Saturday, April 12th

| 9:00–10:10am | HECTOR KAY LECTURER Moderator: Phoebe Scott-Wyard, DO |
|---------------|---|
| 9:00–10:00am | Cerebral Palsy: A View from Both Sides Hank Chambers, MD |
| 10:00–10:10am | Discussion |
| 10:10–11:00am | SESSION XV – GENERAL ORTHOPEDICS Moderator: Corey Gill, MD |
| 10:10–10:20am | Effect of Talocalcaneal Coalitions on Foot and Ankle Kinematics in Adolescents Victoria Blackwood, MS, Kelly Jeans, MS, Rusty Hartman, MS, Jacob Zide, MD, and Anthony Riccio, MD |
| 10:20–10:30am | Casting and Bracing Tolerance in Idiopathic Toe Walking Individuals with Sensory Processing Differences Fabiola Reyes, MD, Amy Sitabkhan, OTR, MOT, Linsley Smith, RN, Jennifer Royo, PA-C, and Karina Zapata, PT, DPT, PhD |
| 10:30–10:40am | A Creative Solution for Toe Walking: Comparing Biomechanical Outcomes Pre vs Post Turtle Brace Treatment Julie Basset, PT, MSc, Camille Costa, MD, MSc, Marianne Gagnon, KIN, MSc, Katerina Jirasek, PT, MSc, Jean- Francois Girouard, ENG, Marlène Beaulieu, MD, PhD, Reggie Charles Hamdy, MD, Louis-Nicolas Veilleux, KIN, PhD |
| 10:40–11:00am | Have you Heard of Cerebral Palsy? – Approach and Considerations to Diagnosing, Disclosing, and Discussing Treatment Options in CP Fabiola Reyes, MD, Angela Shierk, PhD, OTR, Rajashree Srinivasan, MD, and Kelsey Thompson, CPO, LPO |
| 11:00–11:10am | Discussion |
| 11:10–11:30am | Break In Exhibit Hall — (Check out of hotel) |

April 9–12th | Dallas, TX

Saturday, April 12th

| 11:30am–12:30pm | SESSION XIV – OUTCOMES Moderator: Corey Gill, MD |
|-----------------|--|
| 11:30–11:50am | Advocating for Inpatient Rehabilitation in Pediatric Amputation: Enhancing Recovery and Outcomes Gabrielle Nguyen, MD, Marina Ma, MD, Stephanie Miller, DO, and Brittni Willis, PT, DPT |
| 11:50am–12:10pm | Decision-Making in the ICU: Navigating Amputation as a Life-Saving Intervention Gabrielle Nguyen, MD, Marina Ma, MD, Stephanie Miller, DO, and Brittni Willis, PT, DPT |
| 12:10-12:20pm | Discussion |
| 12:20-12:30pm | Adjourn/Closing Remarks Phoebe Scott-Wyard, DO – ACPOC President |

POSTERS

| Boys with Idiopathic Scoliosis Treated with Nighttime Bracing Have Similar Outcomes to Girls Karina Zapata, PT, DPT, PhD, Dan Sucato, MD, MS, James McGinley, BS, Kara Davis, CPO, LPO, MS, and Megan Johnson, MD |
|--|
| Evaluation of a Comprehensive Serial Casting Program for Long-term Correction of Equines Brigid Driscoll, PT, DPT, CO/L, Sara Jerousek, CO/L, Bridget Ugaste, PT, DPT, and Elizabeth O'Riordan, PT, DPT, MS |

April 9–12th | Dallas, TX

2025 Hector W. Kay Memorial Lecturer



Cerebral Palsy: A View from Both Sides

Hank Chambers, MD Pediatric Orthopedic Surgeon at Rady Children's Hospital

Saturday, April 12, 2025 9:00–10:00 AM

Hank Chambers, MD, is a pediatric orthopedic surgeon at Rady Children's Hospital in San Diego. He also serves as Emeritus Professor of Clinical Orthopedic Surgery at the University of California, San Diego. He graduated summa cum laude from the University of Colorado in 1978.After medical school at Tulane University School of Medicine, he completed an orthopedic surgery residency at Brooke Army Medical Center in San Antonio, TX. He finished a pediatric orthopedic surgery fellowship in San Diego under the tutelage of David Sutherland, Scott Mubarak, and Dennis Wenger in 1990.

Dr. Chambers is currently the Co-Director of the Southern Family Center for Cerebral Palsy Program at Rady Children's Hospital. He is also the Medical Co-Director of the David H. Sutherland MD Motion Analysis Laboratory. He is a former Director of the 360 Sports Medicine Program at Rady Children's Hospital.Hank was the Chief of Staff at Rady Children's Hospital-San Diego from 2004-2006. He is active nationally in many organizations, including the American Academy of Orthopedic Surgeons, the Pediatric Orthopedic Society of North America, and the American Academy of Pediatrics. He is a Past President of the American Academy for Cerebral Palsy and Developmental Medicine. He is also the Past President of PRiSM, a pediatric sports medicine research society he co-founded. He has authored over 180 publications and has written over 40 book chapters. He has been fortunate to have been a Visiting Professor at over 100 institutions throughout the world and has been recognized as one of the Top Doctors in San Diego, Best Doctors in America, Top Doctors in the US News and World Report, and Who's Who in America and the World.

His wife, Jill, is active in many local and national patient advocacy groups and is a healing touch provider at Rady Children's Hospital. His son, Sean (42), who has cerebral palsy, is currently living independently (with support) in San Diego, and his other son, Reid (41), is a pediatric orthopedic surgeon at Nationwide Children's Hospital in Columbus, OH.

Hector W. Kay Memorial Lectureship

Hector W. Kay was born in Australia, November 1, 1909. After his basic education in Australia, he completed his formal education in 1938 at Springfield College where he received a Masters Degree in Education. It was also here that Hector met and married Katherine Johnson, a Springfield native. Hector's early association with prosthetics and prosthetic education began at New York University where he spent the years 1952 through 1965 in the Adult and Child Prosthetic Studies group. During this period, he became intimately associated with the Sub-Committee on Children's Prosthetic Problems of the Committee on Prosthetics Research and Development of the National Academy of Sciences/National Research Council. He was instrumental in developing the original cooperative clinic group, working very closely with the pioneers in this field: Drs. George T. Aitken, Charles Frantz, Newton McCollough and Claude Lambert. In 1965, he left New York University to join the Committee on Prosthetics Research and Development of the National Academy of Sciences/National Research Council as Assistant Executive Director. Here he continued to coordinate the activities of the Sub-Committee on Children's Prosthetic Problems. The committee was gradually expanded to cover orthotic problems as well as the prosthetic problems. During this period, Hector also acted as editor of the Interclinic Information Bulletin. The Interclinic Information Bulletin has more recently had a name change to the Journal of the Association of Children's Prosthetic-Orthotic Clinics. Hector retired from the Committee on Prosthetics Research and Development in 1974, and met a very untimely death on March 31, 1975. He is deeply mourned by all of those who knew him, respected him, and looked to him for advice. No organization owes more to one individual than does the Association of Children's Prosthetic-Orthotic Clinics. Though founded after his death, ACPOC owes its existence to an organization he nurtured.

Past Hector Kay Lecturers can be found at acpoc.org/hector-w-kay-memorial-lectureship

April 9–12th | Dallas, TX

Presidential Guest Speaker



Kyle Stepp, Elite Para Athlete

Friday, April 11, 2025 — 9:00-10:00 AM

Kyle is an internationally ranked elite para-triathlete, speaker, and social impact leader, honored as a Business First 40 under 40 recipient.

Transforming personal challenges into platforms for advocacy, Kyle champions healthcare equity, outdoor access, disability rights, and LGBTQ+ inclusion. Becoming a national voice for disability and LGBTQ+ representation, playing key roles in critical legislative policy initiatives that impact the disability community and ensure equitable outdoor access.

With over 10 years of experience building and leading strategic partnerships with non-profits and brands, Kyle is a key advisor to numerous non-profit organizations, national advocacy initiatives, and brands to forge meaningful change.

Kyle currently serves as the Strategic Partnerships Lead for So Every BODY Can Move, a national disability rights movement championing legislation change to create equitable and life-changing access to prosthetic and orthotic care for physical activity. Their goal is to have legislative change in 28 states by the 2028 LA Paralympics, ultimately pursuing federal nationwide reform.

In addition to his full-time work, Kyle races for Team USA on the international stage with the World Triathlon, competes in para divisions in gravel races across the US, and is always seeking his next big mountain adventure.

He is dedicated to using sport as a catalyst for progress and demonstrates an unwavering commitment to systemic change.

Past Presidential Guest Speakers can be found at <u>acpoc.org/presidential-guest-speaker</u>

April 9–12th | Dallas, TX

New Investigator Research Award



First Place Winner:

The Effects of Orthoses Optimization on Gait Biomechanics and Function in Children with Cerebral Palsy: An Exploratory Study

Teresa Pierce, PT, DPT, PhD, Karl Barner, CPO, Mark Geil, PhD, and Alyssa Fiss, PT, PhD

Thursday, April 10, 2025 — 3:00-3:20 PM

Teresa Long Pierce, PT, DPT, PhD, is a board-certified pediatric clinical specialist and is a faculty/researcher at the Philadelphia College of Osteopathic Medicine Department of Physical Therapy in Suwanee, Georgia (PCOM-GA). She is a graduate of Georgia State University School of Physical Therapy in Atlanta, Georgia, and has extensive experience in physical therapy practice and practice management in a variety of settings. Dr. Pierce has a transitional doctor of physical therapy degree in pediatric science from Rocky Mountain University of Health Professions in Provo, Utah and completed a PhD in Physical Therapy at Texas Woman's University. She is a licensed physical therapist and provides pro bono services in local pediatric clinics.

Dr. Pierce's pediatric research interests include examining participation of children with cerebral palsy (CP) across settings and exploring ankle foot orthoses (AFO) use in ambulatory children with CP. She has led workshops and seminars on a variety of topics, such as, infant/child development, family-centered care, optimizing AFO intervention, and inter-professional collaboration. She is a member of the American Physical Therapy Association's Academy of Pediatric Physical Therapy, the Academy of Physical Therapy Education, and the American Academy of Cerebral Palsy and Developmental Medicine. Dr. Pierce dedicates a large amount of time to professional as well as community service and is an advocate for improving participation and mobility for children with cerebral palsy.



Second Place Winner:

Enhancing Scoliosis Brace Comfort – The Key Role of Orthotists

Megan Glahn Castille, MS, CPO, and Kayli Schwantz, BS

Thursday, April 10, 2025 — 3:20-3:40 PM

Kayli Schwantz is a board eligible prosthetist orthotist currently working at Methodist Rehabilitation Orthotics and Prosthetics in Flowood, MS. The work she is presenting was her master's thesis completed during her time at Baylor College of Medicine in Houston, TX. She received her B.S. Exercise Science from Arkansas State University and is originally from eastern Arkansas. Her interests include lower extremity prosthetics, scoliosis management, pediatrics, and mastectomy care.

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April 9–12th | Dallas, TX

New Investigator Research Award



Third Place Winner:

Feasibility of a Randomized Controlled Trial on Cranial Orthosis Therapy for Severe Deformational Plagiocephaly: A Pilot Study

Pegah Amir Yazdani, MD, Rasha Alhaeik, BSc, Alexander G. Weil, MD, FRCSC, and Camille Costa, MDCM, MSc, BSc

Thursday, April 10, 2025 — 3:40–4:00 PM

Dr. Pegah Amir-Yazdani completed her medical degree at University of Sherbrooke in Canada. She is currently in her final year of residency in Physical Medicine and Rehabilitation (Physiatry) at the University of Montreal.



Dr. Camille Costa first obtained a degree in physiotherapy from McGill University. She then completed her medical degree at McGill University. She went on to complete her residency in Physical Medicine and Rehabilitation (Physiatry) at the University of Montreal, followed by a subspecialty in Pediatric Physiatry at CHU Sainte-Justine. She also completed a master's degree in Biomedical Sciences at the University of Montreal. She currently works at Shriners Hospital for Children – Canada, Sainte-Justine Hospital, and their affiliated rehabilitation centers, where she sees children with neuromusculoskeletal issues.

Past New Investigator Research Award Recipients can be found at <u>acpoc.org/meetings-2/new-investigator-research-award/</u>



April 9–12th | Dallas, TX

Orthopedic Resident Travel Award

Winners:



Daniel Whittingslow

Dr. Daniel Whittingslow completed his MD/PhD training at Emory University and the Georgia Institute of Technology in 2021. There he specialized in fabricating novel wearable devices for longitudinal monitoring of musculoskeletal health. He matched into orthopaedic residency at the University of North Carolina Chapel Hill in 2021, and was selected as the research resident for his class with an additional year dedicated to entirely to orthopaedic research. At this time, he plans to pursue a fellowship in spine surgery and is hoping to continue to serve underserved populations by both performing surgery and designing wearable devices to aid in rehabilitation and recovery of his patients.



Justin Reagh

J.J. Reagh holds a Bachelor's degree in Biomedical Engineering from Ohio University and a Master's in Biomechanics from Boğaziçi University in Istanbul, Turkey. As a Whitaker Fellow at the Institute for Bioengineering of Catalonia in Barcelona, Spain, he conducted research in spine biophysics. Currently a fourth-year orthopedic surgery resident at Eisenhower Army Medical Center in Augusta, GA, he plans to serve as a general orthopedic surgeon in the U.S. Army before pursuing subspecialty training in pediatric orthopedics. His clinical and research interests include prosthetic design, biomechanical modeling, and optimizing surgical techniques for young patients. Hobbies include mountain biking and all things outdoors.



Tyler Hunt

More information can be found at acpoc.org/orthopedic-resident-travel-award/

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2025 Annual Meeting Exhibitor Layout





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WHAT'S NEW?



3D cranial remolding, reimagined

Sprout3D

The Surestep Sprout3D[™] Cranial Remolding Orthosis (CRO) is transforming cranial care with a cuttingedge 3D design that delivers precision, comfort, and efficiency. Developed by leading cranial specialists, Sprout3D leverages over 10,000 data points, decades of expertise, and extensive 3D fabrication resources to ensure the best possible patient outcomes.

Be sure to register for one of our upcoming webinars surestep.net /education/live-courses/webinars/ effective-management-infant-headshapes/.

NEW COURSE LAUNCH A Step Ahead

This FREE, on-demand online course is designed to introduce a growth learning

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We will discuss the evaluation, fitting, follow up and graduation of orthotic treatment using Surestep SMOs.





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EARN 1.25 CEUs



Cranial Remolding Reimagined: Introducing Sprout3D

Join us for a live webinar to learn all about our latest product innovation.

Shaping the Future: Effective Management of Infant Head Shapes with Sprout3D

This course is designed to introduce providers to the process and benefits of providing the Surestep Sprout3DTM cranial remolding orthosis (CRO). The newly designed cranial remolding orthosis is fabricated via additive manufacturing. By creating an easy to use, patient friendly device, families can gain confidence that will allow them to be more compliant in treatment, resulting in better overall outcomes. This custom fabricated CRO is also an efficient solution for providers. It offers a consistent and precise anatomical fit that improves referral relationships, outcomes and decreases frustrations that can accompany more traditional CRO options. After completing the course, providers will feel confident evaluating, fitting, adjusting and graduating patients from the Surestep Sprout3DTM cranial remolding orthosis.



PRESENTED BY KATIE TOTH, MPO, CPO DIRECTOR OF EDUCATION & RESEARCH

Reserve your spot today! Scan to register for the session that works best for you. APRIL 15 5:00 P.M. EDT





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Exhibitors Thank you to our Industry Partners for their support of this meeting

The Program Committee welcomes our exhibitors and would like to encourage participants to visit the exhibits as often as possible throughout the meeting. The exhibitors will be available during the Wednesday Reception, breakfasts, coffee breaks and lunch.

The Association of Children's Prosthetic-Orthotic Clinics (ACPOC) provides the Final Program as a service to the meeting attendees. A product's inclusion in the Final Program does not represent an endorsement, either expressed or by implication, of the vendor or the product, nor does it indicate that the product has been evaluated or approved by ACPOC. Any representations made regarding a product in the Final Program are made by the Exhibitor alone, and not by ACPOC.

Allard USA – Table 2; <u>www.allardusa.com</u>

To be the foundation for development and ownership of truly innovative products that provide individuals with physical challenges the opportunity to function better and improve their quality of life!

Allied Plastic Supply – Table 17; <u>www.alliedplasticsupply.com</u>

Founded in 1981, Allied Plastic Supply is a family-owned and operated plastics supply company with now three generations managing the business operations. Our company was built to provide industry leaders with a one-stop shop for all things plastic. Being in the plastics industry for more than 40 years, we have experienced numerous highs and lows that helped shape our organization's success. Allied Plastic started in Dallas in an approximately 10,000-square-foot warehouse and now has an 80,000 SF facility between two buildings. In this span, we moved into the San Antonio, Houston, Austin and Oklahoma City markets. Our resilience and growth mindset has allowed us to survive all challenges and propel our business forward. Enter the world of quality customization with Allied Plastic Supply.

Alps South - Table 30; www.easyliner.com

For over 30 years, ALPS has been dedicated to designing and manufacturing only the highest-quality prosthetic liners to provide users with all the mobility they need. Thanks to its dedication to innovation, ALPS has developed other high-quality prosthetic solutions in addition to prosthetic liners, inspired by the slogan driving the company since 1988: Making Lives Better.

Amputee Coalition – Table 9; <u>www.amputee-coalition.org</u>

Vision: A world where our community thrives.

Mission: To support, educate, and advocate for people impacted by limb loss and limb difference. We have an unwavering commitment to serve:

- We greet every community member with, "what can we do for you today?" and end each conversation with, "Is there anything else we can do for you today?"
- We practice excellent decision making, interact with confidence, and show humility as we serve others

Becker – Table 4; <u>www.beckerorthopedic.com</u>

Becker Orthopedic was founded in 1933 by Otto K. Becker to provide high-quality orthotic components and central fabrication services.

Today, Becker Orthopedic remains a family business dedicated to quality, service, and innovation in the field of orthotics. Becker

Orthopedic is now ISO 13485:2016 MDSAP certified, which is applicable to our manufacturing, design, and servicing in our Central Fabrication Division. MDSAP is currently recognized by the Food and Drug Administration of the USA, Therapeutic Goods Administration of Australia, Brazil's Agência Nacional de Vigilância Sanitária, Health Canada, and Japan's Ministry of Health, Labour and Welfare, and the Japanese Pharmaceuticals and Medical Devices Agency.

BILLY Footwear – Table 18; <u>www.billyfootwear.com</u>

BILLY Footwear's focus is on shoes that embody universal design, meaning they both appeal to and work for everyone. Smashing fashion with function, BILLY Footwear incorporates zippers that go along the side of the shoes and around the toe, allowing the upper of each shoe to open and fold over completely. Thus the wearer can place his or her foot onto the shoe footbed unobstructed. BILLY Footwear seeks to create mainstream shoes that are functional, fashionable, and inclusive for everyone.

Cascade Orthopedic Supply, LP – Table 25; <u>www.cascade-usa.com</u>

Cascade is a wholesale distributor of orthotics, prosthetics, materials, and equipment. We have served the O&P community for over 50 years by utilizing the latest advancement in technology to provide practitioners the products they need quickly and efficiently. We have three distribution center locations strategically located throughout the United States that provide customers a three day ground delivery service. We offer competitive prices, freight considerations, and value-added services like education, promotions, and customer specific programs.

April 9–12th | Dallas, TX

Exhibitors

Clubfoot Solutions Inc; <u>www.clubfootsolutions.org</u>

Dr. Ignacio Ponseti revolutionized the treatment of clubfoot while at the University of Iowa in the 1940s. He developed a non-invasive technique that utilized gentle manipulation and serial casting of the feet to successfully correct clubfoot without major reconstructive surgery. Today, the Ponseti Method is the international standard for clubfoot treatment with a 97% correction rate.

The lowa Brace was developed at the University of lowa as an extension of Dr. Ponseti's egalitarian efforts to ensure that children across the world would have access to the best clubfoot brace, regardless of their economic or social circumstances. The combination of innovation and humanitarian considerations allow the Iowa Brace to be affordable for all families, everywhere. Dr. Ponseti's legacy lives on through Ponseti International Association and Clubfoot Solutions. The two organizations are working together to deliver the Ponseti Method to children everywhere, and hope that the Iowa Brace will finally realize Dr. Ponseti's dream of a high quality clubfoot brace for every child born with this deformity.

Clubfoot Solutions, Inc., is a 501(c)(3) non-profit lowa-based organization.

DocMatter – Table 10; <u>www.docmatter.com</u>

DocMatter was founded on the simple premise that individual physicians should be empowered with online, real time access to discover and then collaborate with experts on any medical topic. Today, we're proud to support physicians representing 30,000+ institutions across 140+ countries. The broad awareness of best practices advocated by experts and shared across specialist networks on DocMatter translates every day to better patient outcomes.

Every one of us, and those we love, is or will be a patient in a regional healthcare system. The care we receive is often limited by structural and circumstantial variables. Enabling immediate access to thousands of experts for online clinical collaboration significantly reduces variability of care.

All stakeholders in medicine benefit from improved collaboration. DocMatter began by connecting expert physicians in the United States and subsequently expanded to include all health professionals, the institutions where they practice, the societies that support them, and the companies that make drugs, devices and other tools that play critical roles in affecting better outcomes.

Everyone wins, when we work together.

Hanger Clinic - Table 24; www.hangerclinic.com

At Hanger Clinic, we care for our patients like family, working together to bring about the best possible orthotic and prosthetic outcomes. With 900 locations across the country, we create customized solutions—including state-of-the-art prostheses, braces, supports, cranial helmets, and other devices—designed to help you live your best life. Our commitment is to listen to you, get to know you as a person, and do everything we can to help you achieve your potential.

iFit Prosthetics - Table 5; <u>www.ifitprosthetics.com/</u>

Years before founding iFIT, Timothy R. Dillingham, MD, MS, served in the US Army during the Persian Gulf War and as a National Institutes of Health (NIH) investigator, studying the needs of patients with limb loss. And while directing the prosthetic and orthotic clinic at Johns Hopkins University, he was amazed at the time and effort invested trying to make a hard socket fit a changing limb. Putting his engineering background and industrial manufacturing know-how into practice, he envisioned a prosthetic that could better adjust to individuals' needs, thereby increasing use and boosting satisfaction.

Dr. Dillingham founded iFIT Prosthetics LLC® to advance the science of lower limb prostheses, and is especially grateful for the following partnerships:

- NIH offered valuable funding and insights to realize this vision of a self-contained, immediately fit, adjustable, transtibial prosthetic.
- Advanced Design Concepts, Inc., provided critical engineering support for this project from the very beginning, from designs to analyses to prototyping. Special thanks to Jim Marschalek, MS, lead engineer and Mark Schaefer, MS, ACD President.

iFIT Prosthetics is a veteran-owned American business proudly making products in Milwaukee, WI.

Invent Medical USA, LLC – Table 21; www.inventmedical.com/usa-can/

Helping people is the mission of Invent Medical. New technology will constantly disrupt and change the medical field. We apply digital technologies to invent, develop and design a new generation of custom-made orthotic & prosthetic products so patients can experience better treatment outcomes.

April 9–12th | Dallas, TX

Exhibitors

Koalaa - Table 20; www.yourkoalaa.com/

Get ready to enter a whole new world of prosthetics, where users take the lead, access is paramount and every creation is tailor-made for maximum comfort and functionality.

At Koalaa, our users are the driving force behind our innovation. By amplifying their voices, we gain a profound understanding of their unique needs and aspirations. This enables us to create prosthetics that go beyond comfort and affordability, offering intuitive designs that empower users to approach tasks in new and innovative ways.

No matter the location our world first design means that our products can be fit by one of our team in just 15 minutes or via our remote Limb Buddy service.

LaunchPad O&P - Table 19; www.launchpad-op.com

Our line of components (Pivot, Snapstop & X-tension) for thermoplastic and carbon fiber articulated Ankle Foot Orthosis (AFOs) are all designed to work together. For the first time, there is a family of components that work cohesively and systematically, opening up the possibilities for post-fitting tuning of articulated AFOs in order to create outcomes. These solutions were developed to meet the needs of the technician, practitioner, and patient. Common fabrication methods allow for easy product adoption and the opportunity to bring functional and attractive, low profile end products to your patients.

LaunchPad continues to develop new and innovative solutions to common clinical presentations that impair gait. Our approach to development is built on a multidisciplinary approach, applied learning, experience, creativity, passion, empathy, risks, failures, determination and most of all, a genuine interest to make a difference.

Orthopediatrics Specialty Bracing – Booth PS; www.opsb.com

At OrthoPediatrics, we are a guided by a cause: to help children whose lives have been impacted by orthopedic conditions. This singular focus unites our employees worldwide and drives our business forward.

OrthoPediatrics was the first company to focus solely on pediatric solutions in orthopedic care. Since 2006, we have been leading innovation in pediatric orthopedics, creating new products and services for our customers and their patients—and providing enriching career opportunities for our people.

Our products—which are uniquely designed for children—are paramount to everything we do. By teaming up with skilled surgeons, we have the privilege of making a difference in a child's life by helping them realize their full potential.

OrthoPediatrics currently market 48 surgical systems that serve three of the largest categories within the pediatric orthopedics market. Our product offering spans trauma and deformity correction, scoliosis, and sports medicine, among other procedures.

OPED Medical - Table 6; www.opedmedical.com

OPED, founded 1993 near Munich, is a market leader in the field of orthoses in Germany and Switzerland. The company has operations at six locations worldwide with over 500 employees worldwide. OPED supports hospitals, health professionals, users and patients with its innovative treatment opportunities. With comprehensive after-care concepts, patients are looked after from the start of their medical care until their full recovery.

Open Bionics – Table 23; <u>www.openbionics.com</u>

We're a bionics company developing affordable, assistive devices that enhance the human body. We've started by introducing the Hero Arm, a clinically approved 3D printed stylish multi-grip bionic hand. Current upper limb prostheses exist as hooks, grippers, or expensive bionic hands. We're on a mission to make 3D prosthetics beautiful, functional and more accessible.

April 9–12th | Dallas, TX

Exhibitors

Orthomerica Products, Inc. – Table 3; <u>www.orthomerica.com</u>

Since its founding in 1989, Orthomerica has operated with a clear vision and a desire to be the best. That commitment to excellence, innovation, quality, and customer support highlights this milestone along a journey of growth and success.

Over the years, Orthomerica has grown from a startup to a worldwide market leader. From the worldwide best-selling Newport® Hip Orthosis to the STARband® – the world's most prescribed cranial remolding orthosis – Orthomerica has strived for the highest quality every day.

Ossur - Table 27; www.ossur.com/en-us

At Össur Americas, we pride ourselves on continuously pushing the boundaries to create some of the most effective, innovative mobility solutions on the market today. Össur is focused on improving people's mobility through the delivery of Prosthetics and Bracing & Supports solutions. Helping people live a Life Without Limitations is why we exist as a company.

For decades, Össur Americas has served an extensive range of medical professionals and worked closely with leading research and educational bodies in our field. We maintain a powerful service ethic, listening and responding to the diverse needs of our customers across the continent.

Ottobock – Table 26 + 29; <u>www.ottobock.com/en-us/home</u>

For over 100 years, our mission has been to restore and improve independence for people with mobility challenges. We take pride in the quality and advanced technology that are reflected in our product lines. The people who work for us believe in our mission – taking it as a personal commitment to help make a difference for people who depend on one of our medical products to be more active.

Point Designs LLC - Table 31; www.pointdesigns.com

Point Designs was founded by researchers in the field of upper limb prosthetic design from the Biomechatronics Development Laboratory at the University of Colorado. Professors Richard Weir and Jacob Segil have decades of research experience spanning neural interfaces, myoelectric control algorithms, and upper limb prosthetic design.

Along with co-founders Dr. Levin Sliker and Stephen Huddle, the Point Designs team continues to advance the field of partial hand prosthetic design with expertise in additive manufacturing, mechanical design, and clinical care. We are a group of dedicated and passionate individuals working together to improve the lives of the people we serve.

Qwadra - Table 16; <u>www.qwadra.com/</u>

As world leaders in CAD/CAM, we have built a legacy of excellence. Our vision goes beyond borders: it aims to offer everyone access to digital technology. Whether it's through the precise contours of a 3D scanner, the transformative power of software, or the flawless precision of a robot or milling machine, we're here to open the doors to the future. Each individual finds the necessary tools to create ever more innovative devices, offering customized and revolutionary solutions for the patient.

Royal Knit – Table 22; www.royalknit.com

Royal Knit, Inc was founded in 1996 in Lee's Summit, Missouri by brothers-in-law Greg Pitts and Donald Joyce. Greg's background was in national sales for ADT, and Don's background was in knitting prosthetic and orthotic textiles. It was the perfect combination of sales and manufacturing knowledge to create top of the line orthotic and prosthetic textiles. Through ups and downs, Royal Knit has proven to be a leader in this industry. Greg retired from the company in 2016, and Don has continued to work hard to uphold the mission and values of the company. Today, Don has his son Chris and daughter Cindy working alongside him to assist in the everyday tasks of running this company, and it is with great appreciation and gratitude that they continue to serve their customers and their patients.

Spinal Technology- Table 28; <u>www.spinaltech.com</u>

Spinal Technology, Inc. is the global leader in the design and custom fabrication of Spinal Orthoses, for the stabilization, immobilization, and the correction of various abnormalities of the spine. Specializing in the treatment of Adolescent Idiopathic Scoliosis, we employ the latest technologies and methods for treating each and every patient. Medical experts around the world depend on our expertise for the assessment of patient curvature, the blueprinting of x-rays, the design of each orthosis, and the x-ray evaluation of patients in-brace. We continuously maintain expertise in various scoliosis bracing methodologies, and remain on the forefront of research and development. Our clinical team proudly supports the medical community with advanced educational courses and seminars, along with the dedicated teaching and resources we deliver to various colleges and universities. At Spinal Technology, Inc., we believe that sharing our knowledge, and absorbing that of others, is the most effective way to advance the treatment and care for all patients.

April 9–12th | Dallas, TX

Exhibitors

Shriners Children – Table 7; shrinerschildrens.org/en

Shriners Children's is a leader in providing care for orthopedic conditions, burn injuries, spinal cord injuries and other spine disorders, rehabilitation, sports injuries and craniofacial conditions. We also offer specialized services, including orthotics and prosthetics and motion analysis. We strive to provide the care and support our patients need to reach their goals and discover their full potential. In addition, our healthcare system conducts research to improve our patient's quality of life and offers outstanding educational programs for medical professionals. All care and services are provided regardless of the families' ability to pay or insurance status.

Surestep – Table 1; <u>surestep.net</u>

Passion is what drives us to serve children who need developmental assistance. Joy is what we feel when we witness the results of our hard work. Here at Surestep, enriching and transforming lives through compassionate care and innovation is at the core of everything we do. It's our mission. Even though it's easy to stay focused on this mission considering the rewarding work we do, we also understand that we can only make an impact with the dedication of our employees. That same passion to change lives also applies to our team members. We strive to provide our employees with a safe, inclusive, and socially responsible workplace that encourages personal growth and success.

April 9–12th | Dallas, TX



Save the Date! ACPOC 2026 ANNUAL MEETING April 29–May 2 | Philadelphia, PA | Double Tree by Hilton

History of ACPOC

In 1946, Dr. Carlton Dean, a physician with a Master's Degree in Public Health met with Dr. Charles H. Frantz and Dr. George T. Aitken to organize a Juvenile Amputee Program in Michigan. The objective was to fit the best device available, and to instruct the usage of the prosthesis. For several years during WWII, Dr. Dean was aware that child amputees were fitted with prostheses that were rejected as being inadequate or uncomfortable. He was determined to remedy this situation. During the next several years, they found that prosthetic needs of children differed from age to age and reported that the child was not a miniature adult to whom adult principles and modes of fitting could be applied.

The Juvenile Amputee Training Program was the responsibility of doctors Frantz and Aitken. Initially most of the children had acquired amputations, but by the end of the first decade, half of the child amputee census was congenital. It eventually became apparent that the team approach pioneered in military hospitals for adult amputees worked well, and this concept should also be applied to the care of the child amputees. In 1954 the need for an organized approach to the management of juvenile amputees across the country was discussed in Michigan.

In January, 1954, a meeting was held in Grand Rapids, Michigan, to develop strategy for a national juvenile amputee management program. As a result, General F. S. Strong, Chair of the Prosthetics Research Board, appointed an interim Committee in Child Prosthetic Problems in December, 1955. This Committee of ten members, under the chair of Dr. Charles H. Frantz, held its first meeting in November, 1956, at UCLA, at which time it was made a permanent committee of the Prosthetics Research Board.

April 9–12th | Dallas, TX

History of ACPOC

In 1959, the Committee was transferred to the Committee on Prosthetics Research and Development of the National Research Council/ National Academy of Sciences, at which time it became the Sub-Committee on Child Prosthetic Problems. Dr. Frantz continued to chair the sub-committee until 1967, when Dr. George T. Aitken assumed the chair.

During these early years, the primary functions of the sub-committee were to evaluate experimental components, to disseminate information through publications and conferences, and to establish criteria for clinics wishing to participate in the cooperative Clinic Chief's Program, thereby raising the standards of children's prosthetic care in the United States.

The Interclinic Information Bulletin was first published in October, 1961, by the Child Prosthetic Study program at New York University and has been a most valuable means of communication between the cooperating clinics. This continued as JACPOC, Journal of the Association of Children's Prosthetic-Orthotic Clinics, which has ceased publication.

Four major symposia were sponsored by the sub-committee and the proceedings were then published under the auspices of the National Research Council of the National Academy of Sciences.

- 1. Normal and Abnormal Embryological Developments: Charles H. Frantz, Editor, held in Chicago, 1966
- 2. Proximal Femoral Focal Deficiency: A Congenital Anomaly: George T. Aitken, Editor, held in Washington, DC, 1968.
- 3. Selected Lower Limb Anomalies: Surgical and Prosthetic Management: George T. Aitken, Editor, held in Washington, DC, 1969.
- 4. The Child With an Acquired Amputation: George T. Aitken, Editor, Held in Toronto, Ontario, 1970.

In the early 1970's, CPRD charged the sub-committee with enlarging its sphere of activity to include children's orthotics and mobility aids. Also during this period, under the guidance of Hector Kay, Assistant Executive Director of CPRD, the sub-committee expanded its conferences to include the cooperating clinic chiefs and their staffs at annual meetings hosted by a selected clinic. This format, which began in 1972, continues to this day. In 1972, Dr. Aitken turned over the chair of the subcommittee to Dr. Leon Kruger.

In 1976, the Committee on Prosthetics Research and Development, as well as the sub-committee, were disbanded by the National Research Council/National Academy of Sciences. As a result, no meeting was held in 1977, but during this time an unsponsored ad-hoc committee functioned to lay the groundwork for a new organization to continue the exchange of information in the area of children's prosthetics and orthotics.

At the Grand Rapids meeting in 1978, the history of the organization was reviewed and it was recommended by the ad-hoc committee that a free-standing organization be created. This proposal received unanimous approval by the clinic chiefs.

In 1979, at the Memphis meeting, officers were elected and a committee appointed to develop a constitution and by-laws. The by-laws were approved during the 1980 meeting in New Jersey and thus the present Association of Children's Prosthetic-Orthotic Clinics came into being.

Currently, the Association of Children's Prosthetic-Orthotic Clinics is an international organization that meets annually at a member clinic host's city either in the United States or Canada. The ACPOC mission is to promote interdisciplinary team development and collaboration, support research in children's prosthetic-orthotic care, disseminate information to children's clinics and improve the lives of patients and their families through education. This diverse network of professionals is based upon mutual respect of each discipline's expertise that contributes to the treatment of the complex problems of the physically challenged. ACPOC continues to grow in membership and in contributions to the advancement of management for children with amputations, orthopaedic, and neuromuscular needs.

Mission

The Association of Children's Prosthetic-Orthotic Clinics (ACPOC) provides a comprehensive resource of treatment options provided by professionals who serve children, adolescents, and young adults with various orthopaedic impairments.

Vision

The Association of Children's Prosthetic-Orthotic Clinics (ACPOC) is recognized as the worldwide leader of multidisciplinary rehabilitative care of children, adolescents, and young adults with orthopaedic impairments.

Objectives

ACPOC will provide information to allow patients and patients' families to access specialized clinics and healthcare providers.

ACPOC endeavors to provide opportunities to educate its membership through newsletters, the Web site, annual conferences and other programming.

ACPOC seeks to stimulate clinical research, which will further advance the technology and treatment approaches for orthopaedic impairments.

ACPOC offers an environment that promotes team collaboration with all medical professionals including, but not limited to, physicians, orthotists, prosthetists, therapists, and nurses. 36

April 9–12th | Dallas, TX

Clinic Listings



Find a Clinic or Join our Listing

If you would like to be added to the clinic listings, please fill out the form at this QR code. This information is available to health care providers and families of patients when they access our website. This Clinic Listing is a member benefit for those clinics who have at least 3 people who are ACPOC members.

Donate to ACPOC



Donate Here!

Help sustain the Association and its mission of educating professionals

ACPOC's mission is to provide a comprehensive resource of treatment options provided by professionals who serve children, adolescents, and young adults with various orthopaedic impairments.

Thank you for making a contribution to ACPOC! Your donation will help sustain ACPOC and its mission

Join or Renew Your ACPOC Membership!



Benefits Of Membership

Our membership is the sustaining force behind our organization that affords the ability to provide ongoing interdisciplinary education on children with orthopedic needs. Your annual dues help to fund the annual meetings, the website, the newsletter, and the support staff necessary to run this association. By becoming a member, you have actively endorsed the need for a network of specialty professionals and share in our mission. Participation is encouraged to keep ACPOC strong.

Benefits include:

- Reduced registration fee at annual meetings
- Access to a network of specialty professionals
- Registry Listing-Individual and Clinic
- Triannual issues of ACPOC NEWS

- Website Members Only section
- Practitioners workshops
- Leadership opportunities

