

ACPOC 2022 Annual Meeting

April 6–9th | Clearwater, FL

Meeting Program

(all times listed are EDT)

Wednesday, April 6th

10:00am–8:30pm **Registration**

11:30am–6:15pm **Technical Workshops** *(Moderators: Colleen Coulter, Brian Emling, Robert Lipschutz)*

11:30am–12:15pm **Cranial Remolding: How it Works, Why it Works** — Orthomerica Products, Inc.

12:30–1:15pm **Reimagining Cerebral Palsy: Placing the Orthotist at the Heart** — Andiamo

1:30–2:15pm **Benefits of the Scout Pediatric Foot** — College Park Industries

2:30–3:15pm **Optimizing Post Scoliosis in Brace X-Rays** — Boston Orthotics & Prosthetics

3:30–4:15pm **Pattern Recognition Controls with MyoPlus** — Ottobock

4:30–5:15pm **Scan to Print Cranial Remolding Using MyCro Band Technology** — Ottobock

5:30–6:15pm **The Benefits of 3d Printing in Pediatric AFOs and CROs** — Invent Medical USA

ACPOC is not advocating any technology or methods by providing time for workshops

6:30–8:30pm **Welcome Reception with Vendors in Exhibit Hall**

7:30–10:00pm **Board of Director's Meeting**

Thursday, April 7th

7:00am–5:00pm **Registration**

7:00–8:00am **Continental Breakfast**

8:00–8:05am **Welcome**
Anna Vergun, MD — ACPOC President

8:05–8:15am **New Investigator Research Awards Presentation**
Anna Vergun, MD — ACPOC President

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8:15–9:55am	Session I – Lower Extremities Orthotics <i>(Moderator: Colleen Coulter)</i>
8:15–8:25am	Arthrogyrosis Contracture Management with HKAFO Seth Cochrill, CO
8:25–8:35am	Maintaining Clubfoot Correction While Treating Hip and/or Knee Dislocation: The Thermoplastic Splint Experience at University of North Carolina, Chapel Hill Vinay Narotam, MD; Anna Vergun, MD
8:35–8:45am	The Implications of Typical and Precise Somato-Sensory Information in Successful Orthotic and Wear Nancy Hylton, BS
8:45–8:55am	Orthotic Intervention Considerations for Children on the Autism Spectrum with Sensory Dysfunction Disorders Justina Appel, PhD
8:55–9:05am	Discussion
9:05–10:05am	Please, Let's Define Function Colleen Coulter PT, DPT, PhD; Jorge Fabregas, MD; Anna Vergun, MD; Rebecca Hernandez CPO/LPO
10:05–10:50am	Refreshment Break
10:50–11:30am	Session II – Outcomes and Research Presentations <i>(Moderator: Sandra Ramdial)</i>
10:50–11:00am	Implementation of Mental Health Screening in the Pediatric Lower Limb Deficiency (LLD) Population Emily Marshall, BS; Eileen Shieh, MD; Jeanne Franzone, MD; Susan Dubowy, PA-C; Paul Enlow, PhD
11:00–11:10am	Sex and Racial Differences in Fibular and Femoral Deficiency Mara L. Atherton, BA; Hank D. White, PT; PhD, Janet Walker, MD
11:10–11:20am	COVID-19 Related Pediatric Amputations – A Case Series Gabrielle Nguyen, MD; Stephanie Miller, DO
11:20am–11:30am	Discussion

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11:30am–12:30pm **Presidential Guest Speaker**
Jennifer Brondon, MD

12:30–1:30pm **Lunch in Exhibit Hall**

1:30–2:45pm **Vascular Anomalies** (*Moderator: Robert Lipschutz*)
Anna Vergun, MD; Sean Zeller, CPO; Jennifer Brondon, MD;
Rebecca Hernandez, CPO, LPO; Jill Cannoy, PT, DPT, PCS

2:45–3:30pm **Break**

3:30–4:50pm **Session III – Clinician Guided Forum** (*Moderators: Anna Vergun and Jorge Fabregas*)

4:50–5:00pm **Discussion**

5:00pm **Adjourn**

Friday, April 8th

7:00am–5:00pm **Registration**

7:00–8:00am **Continental Breakfast**

8:00–10:15am **Session IV – Upper Extremity** (*Moderator: Phoebe Scott-Wyard*)

8:00–8:10am **Challenges Associated in Identifying and Designing Functional Devices for Patients with Congenital Upper Extremity Deficiencies**
Brian Emling, MSOP; Richard Welling, MSOP; Colleen Coulter, DPT; Alan Peljovich, MD; Joshua Ratner, MD

8:10–8:20am **Shiners Children's Hero Arm Experience - Lessons Learned and Patient Perspectives**
Liz Selgrade, MSPO

8:20–8:30am **Brain Lateralization in Children with Upper-limb Reduction Deficiency**
Jorge Zuniga, PhD; Rakesh Srivastava, CPO

8:30–8:40am **Predicting Virtual Hand Posture Matching Performance with Continuous Myoelectric Control: A Pilot Study**
Robert Hinson, BS; He (Helen) Huang, PhD

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8:00–10:15am	Session IV – Upper Extremity (<i>Moderator: Phoebe Scott-Wyard</i>)
8:40–8:50am	Assessing the Control of Residual Muscles in Children with Congenital Upper Limb Deficiencies Anita Bagley, PhD, MPH; Justin Fitzgerald, BS; Marcus Battrow, BS; Jonathan Schofield, PhD; Wilsaan Joiner, PhD; Michelle James, MD
8:50–9:00am	Discussion
9:00–10:00am	Craniosynostosis and Ocular Manifestations - Multidisciplinary Management Casandra Solis, OD, FAAO, Rebecca Spragg, MSPO, CPO
10:00–10:10am	A Study on the Effectiveness and Compliance of Pectus Orthoses Makenzie Papp, CFo, C.Ped.BA; James Del Bianco, CPO, BSE
10:10–10:15am	Discussion
10:15–11:00am	Break
11:00am–12:00pm	Session V – Gait, Orthotics, and Prosthetics (<i>Moderator: Kelly Jeans</i>)
11:00–11:10am	What if We Don't Agree if a Prosthesis Fits? Hank White, PT, PhD; Joel Eastman, MS; Sam Augsburger, MS; Eric Miller, L/CPO; Janet Walker, MD
11:10–11:20am	Randomized Trial of the Effect of Ankle Foot Orthoses on Ambulation in Pediatric Patients with Charcot Marie Tooth Disease Phoebe Scott-Wyard, DO; Abygaile Almoite, MS; Andrew Skalsky, MD; Chamindra Konersman MD
11:20–11:30am	Does Use of Ankle Foot Orthoses affect Dynamic Motor Control During Walking? David Westberry, MD; Lisa Carson, MS; Lauren Hyer, MD; Prabhav Saraswat, PhD
11:30–11:40am	Boys to Men: High Activity Prosthesis For a Young Man with Fibular Hemimelia Aaron Fitzsimmons, CP
11:40–11:50am	What The Flip? Transfemoral Socket Design for Pediatric Dancer/Gymnast Aaron Fitzsimmons, CP
11:50am–12:00pm	Discussion

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12:00–1:00pm **Member Business Meeting and Lunch**

1:00–2:00pm **Hector Kay Lecturer**
Ola Harrysson, PhD

2:00–2:30pm **Session VI – New Investigator Awards** (*Moderator: Rebecca Spragg*)

2:00–2:20pm **Transition Experiences of Young Adults with Complex Health Care Needs:
A Qualitative Study**
Helenlyn Popescu, MPO; Robert Lipschutz, CPO

2:20–2:30pm **Discussion**

2:30–3:15pm **Break**

3:15–4:40pm **Session VII – Clinician Guided Forum** (Moderators: Anna Vergun and Jorge Fabregas)

5:00–6:00pm **Board of Directors Meeting**

6:30–9:00pm **Optional Social Event**



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Saturday, April 9th

7:00am–12:00pm **Registration**

7:00–8:00am **Continental Breakfast**

8:10–8:50am **Session VIII – General** (*Moderator: Sheila Mason*)

8:10–8:20am **Epidemiology of International Patients with Lower Limb Deficiencies Treated at a United States-Based Pediatric Prosthesis Clinic**
Shanee Abouzaglo, BS; Hannah Worrall, MPH; John Herring, MD;
Charles Johnston, MD; Corey Gill MD, MA

8:20–8:30am **Characterization of Patellofemoral Instability in Pediatric Patients after Below-Knee Amputation**
Corey Gill, MD, MA; Matthew Igbinigie, MD; Hannah Worrall, MPH;
Madison Brenner, BASc; John Herring, MD, Henry Ellis, MD

8:30–8:40am **Targeted Muscle Reinnervation (TMR) and Pain Control: The Utilization of TMR for Pain Control in Pediatric Sarcoma Patients**
Jill Cannoy, PT, DPT, PCS; Dell McLaughlin, MD; Allan Peljovich, MD;
Colleen Coulter, PT, DPT, PhD, PCS; Richard Welling MSPO, CPO

8:40–8:50am **Discussion**

8:50–9:50am **Session IX – Challenging Cases** (*Moderator: David Rotter*)

8:50–9:00am **The Pen (Cap) Is Mightier**
Aaron Fitzsimmons, CP

9:00–9:10am **Clinical Presentation and Challenges of Treating a Child Diagnosed with Meningococemia: a Multidisciplinary Team Approach**
Colleen Coulter, PT, DPT, PhD; Michael Schmitz, MD; Allan Peljovich, MD, MPH;
Rebecca Hernandez CPO/LPO

9:10–9:20am **Suspension Considerations for Bilateral Congenital Amputee for an individual with Bilateral Congenital Amputations**
Aaron Fitzsimmons, CP

9:20–9:30am **Hypertrophic Scars and Keloids: Challenges of Managing Contractures and Deformities**
Colleen Coulter, PT, DPT, PhD, PCS; Rebecca Hernandez, CPO/LPO;
Richard Welling, CPO/LPO; Colin Brady, MD

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Saturday, April 9th

8:50–9:50am **Session IX – Challenging Cases** (Moderator: David Rotter)

9:30–9:40am **Deja Vu All Over Again - Posterior Mount Feet for Bilateral Fibular Hemimelia**
Aaron Fitzsimmons, CP

9:40–10:00am **Discussion**

10:00–11:30am **Session X – Clinician Guided Forum** (Moderators: Anna Vergun and Jorge Fabregas)

11:30am–12:00pm **Closing Remarks**
Anna Vergun, MD — ACPOC President

12:00pm **Meeting Adjournment**



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