

2021 VIRTUAL MEETING

April 22nd–24th

2021 Annual Meeting Preliminary Program

Virtual Meeting | April 22–24, 2021 (all times listed are EST)

(Presentation titles and times are subject to change without prior notice)

Thursday, April 22nd

11:30am–6:15pm	Technical Workshops
11:30am–12:15pm	Unlimited Tomorrow, Inc. Technical Workshop
1:30–2:15pm	Surestep Technical Workshop
6:30–8:30pm	Members Meeting and Social Gathering

Friday, April 23rd

10:00–10:10am	Welcome Anna Vergun, MD — ACPOC President
10:10–11:00am	Session I – Surgical
10:10–10:20am	Online Video as an Information Source for Treatment of Fibula Deficiency David Westberry, MD; Lisa Carson; Dave Reich; and Connor Provost
10:20–10:30am	Management of Severe Lumbar Lordosis Joseph Ivan Krajbich, MD
10:30–10:40am	Exo Corporal Evaluation of Magnetic Spinal Growth Rods (MSGP) in Patients Treated by the Protocol of Frequent Small Increments Lengthening Joseph Ivan Krajbich, MD; Michell Welborn; and Daniel Bouton
10:40–10:50am	Pre-operative Education for Pediatric Patients and their Families When Anticipating Amputation: A Review of Literature and Systems Vivian Yip, OTD, OTR, OTL
10:50–11:00am	Discussion

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11:00am–12:00pm	Session II – Outcomes
11:00–11:10am	Challenges to Success and Support in the Pediatric Limb Loss/Limb Difference Population: An Interdisciplinary Research Collaboration Anna Vergun, MD; Chinmay Paranjape, MD, MHSc; Janet Panoch; and Melanie Miller
11:10–11:20am	Goal Setting: How do we Measure Success? Megan Smith, CO
11:20–11:30am	Evidenced-based Clinical Implementation of Digitally Made Pediatric Prostheses Calvin Ngan, PhD Candidate; Harry Sivasambu; Sandra Ramdial, CP; Elaine Ouellette; Neil Ready; Kerri Kelland; and Jan Andrysek
11:30–11:40am	Patient Reported PROMIS Assessment in Pediatric Patients with Tibial Deficiency, Fibular Deficiency, and Proximal Focal Femoral Deficiency - A Multicenter Study Vanna Rocchi, DO; Joel Lerman, MD; Nina Cung, BA, BS; Jeffrey Fine, MPH; Janet Walker, MD; Jeffrey Ackman, MD; David Westberry, MD; and Sarah Nossov
11:40am–12:00pm	Discussion
12:00–12:30pm	Break — Sponsored Content
12:30–1:30pm	Presidential Guest Speaker Unni Narayanan, MBBS, MSc, FRCS(C)
1:30–2:50pm	Clinician Guided Forum

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2:50–3:50pm	Session III – Lower Extremity Prosthetics
2:50–3:00pm	Running-Based Anaerobic Performance of Dutch Children Using Lower Limb Prosthesis Anka Michielsen, MSc, PT
3:00–3:10pm	Assessment of Agility in Children Using the Fillauer Posterior Mount Prosthetic Feet Kelly Jeans, MS; Wilshaw Stevens; Cristina Lopez; and Donald Cummings
3:10–3:20pm	Early Knee Protocol in Children with Bilateral High-Level Amputations Rebecca Hernandez, CPO, LPO; Brian Giavendonni, CP; Colleen Coulter, PT, DPT, PhD, PCS; Michael Schmitz, MD; and Joshua Murphy, MD
3:20–3:30pm	Case Study: Unique Design Changes for Lawnmower Injury Over a Six Year Period of Growth Rebecca Spragg, MSPO, CPO
3:30–3:50pm	Discussion
3:50–6:00pm	Session IV – Rehabilitation
3:50–4:00pm	Challenging Case: Growing Up Means Getting up From the Floor Janet Walker, MD; Hank White; and Eric Miller
4:00–4:10pm	Orthotic Management of a Child with Lower Extremity POK3CA-Related Overgrowth Spectrum Rachel Fergus, CPO; Elyse Zanghi, CO; and Ana-Marie Rojas, MD
4:10–4:20pm	Preventing Obesity in Children with Limb Difference Phoebe Scott-Wyard, DO
4:20–4:35pm	Discussion
4:35–4:50pm	Break — Sponsored Content
4:50–5:45pm	Mirror Therapy: A Review of the Literature and Case Presentations Phoebe Scott-Wyard, DO and Vivian Yip, OTD, OTR, OTL
5:45–6:00pm	Discussion/Adjourn

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10:00–10:50am	Session V – New Investigator Awards
10:00–10:20am	Differences in Running Performance in Children Using a Lower Limb Prosthesis Compared to their Peers Matthijs Schakel; Anka Michielsen, MSc, PT; Han Houdijk; Olaf Verschuren, PhD; and Iris Van Wijk
10:20–10:40am	Consensus in Defining and Treating Idiopathic Toe Walking Alexandria Daniels, MSPO; Jessica Hovestol, MSPO; and Rebecca Spragg, MSPO, CPO
10:40–10:50am	Discussion
10:50am–12:10pm	Session VI – Orthotics and Prosthetics
10:50–11:10am	Heavy Feet: A Key That Helps Children with CP to Walk Temrah Okonski, PT and Marlies Cabell, CPO
11:10–11:20am	The Role of Wheelchair prescriptions in Children with Limb Differences Elizabeth Koczur, MPT; Denise Peischl, BSBME; Eileen Shieh, MD
11:20–11:30am	Identifying Challenges and Facilitators to the Implementation of Digital Technology in the Field of Orthotics & Prosthetics: A Qualitative Study Calvin Ngan, PhD Candidate; Harry Sivasambu; Sandra Ramdial, CP; Elaine Ouellette; Neil Ready; Kerri Kelland; and Jan Andrysek
11:30–11:40am	Discussion
11:40–11:50am	Possible Clinical Implications of Recent Research on Central Pattern, Rhythm and Alternation Neural Generation Research Nancy Hylton, PT, LO
11:50am–12:00pm	Case Study: Dynamic Orthotic Management of Chronic Pain Related to Familial Biomechanical Variations in an Active Adult with Congenital Hemiparesis Nancy Hylton, PT, LO
12:00–12:10am	Discussion
12:10–12:40pm	Break — Sponsored Content

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12:40–2:15pm **Session VII – Upper Extremity Prosthetics**

12:40–12:50pm **Upper Limb Prosthetic Management of a Three-Year-Old Presenting with VACTERL Association**
Brian Emling, CPO; Colleen Coulter, PT, DPT, PhD, PCS; Richard Welling Jr. MSPO, CPO; and Joshua Ratner

12:50–1:00pm **Targeted Muscle Reinnervation in a Pediatric Patient with a Forequarter Amputation: A Case Report**
Matthew Severson, MD; Amy Rabatin, MD; Peter Rose, MD; Steven Moran, MD; and Karen Andrews, MD

1:00–1:10pm **Innovation or Imitation: Design Challenges and Successes in Upper Extremity Prosthetics**
Richard Welling Jr. MSPO, CPO; Colleen Coulter, PT, DPT, PhD, PCS; Brian Emling, CPO; and Allan Peljovich

1:10–1:20pm **“Lost in time”: Updating the Content and Clinical Accessibility of the Prosthetic Upper Limb Functional Index (the PUF)**
Lisa Artero, MSc (OT), OT Reg(Ont); Ashley Ogilvie, OT Reg(Ont); Sandra Ramdial, CP; Carleen Ginter; Gloria Lee; and Virginia Wright

1:20–1:40pm **The Experiences of Adults with an Upper Limb Loss/Difference**
Mariam Daneff, MAHSR; Edmund Biden, PhD; Wendy Hill, BScOT; and Catherine Aquino-Russell, PhD

1:40–1:55pm **Discussion**

1:55–2:15pm **Break — Sponsored Content**

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2:15-5:30pm **Session VIII – Psychosocial/Emotional**

2:15-3:15pm **Hector Kay Lecturer: Adverse Childhood Effects**
Stan Sonu, MD, MPH

3:15-3:45pm **Bullying, Discrimination, and Unconscious Bias: Effects on Children With and Without Physical Disabilities**
Jada Bussey-Jones, MD, FACP

3:45-4:45pm **Panel: Walking in the Shoes of Children with Physical Differences Who Wear Prosthetic or Orthotic Devices**
Colleen Coulter, PT, DPT, PhD, PCS

4:45-4:55pm **Pink or Blue? What to expect with Transgender and Gender-Fluid Children in Your Clinic**
Anna Vergun, MD

4:55-5:15pm **Discussion**

5:15-5:30pm **Adjourn Reflections from ACPOC President**