



# ACPOC

Association of Children's  
Prosthetic-Orthotic Clinics

## 2019 Annual Meeting Preliminary Program May 1-4, 2019 Hilton Clearwater Beach Hotel, Clearwater Beach, Florida

(Presentation titles and times are subject to change without prior notice.)  
(As of 1/10/19)

### WEDNESDAY, May 1

10:00 AM – 8:30 PM	<b>REGISTRATION</b>
11:30 AM – 6:15 PM	<b>TECHNICAL WORKSHOPS</b>
11:30 AM – 12:15 PM	<b>Proteor USA: Improving Lives Through Innovation</b>
12:30 – 1:15 PM	<b>Orthomerica Products, Inc.: Addressing Challenging Patient Profiles with Multidurometer Orthotic Designs, presented by Norman Yankus, CO</b>
1:30 – 2:15 PM	<b>Boston Orthotics and Prosthetics: Idiopathic Scoliosis-Boston Orthotics and Prosthetics Non-Operative Approach, presented by James Wynne, CPO and Jamie Benellie, CPO</b>
2:30 – 3:15 PM	<b>Becker Orthopedic</b>
3:30 – 4:15 PM	<b>Pro-tech Orthopedics: Help Gain Control and Improve Performance, presented by David Cloud</b>
4:30 – 5:15 PM	<b>Fillauer Companies, Inc.</b>
5:30 – 6:15 PM	<b>SPIO: Enhancing Lives with Flexible Bracing, presented by Nancy Hylton, PT, LO</b>
6:30 – 8:30 PM	<b>WELCOME RECEPTION WITH VENDORS</b> in Exhibit Hall
7:30 – 10:00 PM	<b>BOARD OF DIRECTOR'S MEETING</b>

### THURSDAY, May 2

7:00 – 8:00 AM	<b>CONTINENTAL BREAKFAST</b>
7:00 – 5:00 PM	<b>REGISTRATION</b>
8:00 – 8:05 AM	<b>Welcome – Robert D. Lipschutz, CP – President</b>
8:05 – 8:15 AM	<b>New Investigator Research Awards Presentation – Robert D. Lipschutz, CP – President</b>
8:15 – 9:55 AM	<b>SESSION I – SPINE</b> <i>Moderator: Jorge A. Fabregas, MD</i>
8:15 AM	<b>New Investigator Award Presentation</b> Addressing the Psychological Complexities of Scoliosis Bracing <i>Joshua B. Utay, M.Ed., CPO, LPO, Brad A. Culotta, MD, John R. Faust, MD, William A. Phillips, MD, FAAP, FACS, Megan E. Glahn, MS</i>

8:25 AM	Report on Prospectively Collected Data on Eos Patients Treated by Magnetic Spinal Growing Rods (Msgr) and Regimen of Frequent Small Increment Distractions <b>Joseph Ivan Krajbich, MD</b>
8:35 AM	Non-Surgical Treatment of Early Onset Scoliosis <b>Joseph Ivan Krajbich, MD</b>
8:45 – 8:55 AM	<i>Discussion</i>
8:55 AM – 9:45 AM	Mehta Casting For The Treatment Of Infantile Scoliosis <b>Joseph G. Khoury, MD</b>
9:45 – 9:55 AM	<i>Discussion</i>
9:55 – 10:35 AM	<b>REFRESHMENT BREAK</b>
10:35 – 11:15 AM	<b>SESSION II – GENERAL INTEREST</b> <b>Moderator: Vivian J Yip, OTD, MA, OTR/L</b>
10:35 AM	Case Study: Keeping Him on His Feet: A Young Man with Type 28 Limb-Girdle Muscular Dystrophy <b>Nancy Hylton</b>
10:45 AM	Treatment of Giant Omphalocele <b>Amy Raye Bridges, CPO</b>
10:55 AM	Prosthetic Management of Pediatric Elephantiasis <b>Diana Pressney, CO, BSBME, Laura A. Miller, CP, PhD</b>
11:05 – 11:15 AM	<i>Discussion</i>
11:15 AM – 12:15 PM	<b>PRESIDENTIAL GUEST SPEAKER: Donald E. Katz, CO</b>
12:15 – 1:15 PM	<b>LUNCH in Exhibit Hall</b>
1:15 – 2:45 PM	<b>CLINICIAN GUIDED FORUM</b> <b>Moderator: Anna Vergun, MD</b>
2:45 – 3:30 PM	<b>BREAK</b>
3:30 – 5:00 PM	<b>SESSION III – GENERAL INTEREST / LOWER LIMB PROSTHETICS AND ORTHOTICS</b> <b>Moderator: James Kallen, CPO(c)</b>
3:30 – 4:00 PM	<b>SYMPOSIUM: An Overview of Idiopathic Toe-Walking: Diagnosis, Natural History, Treatment and Outcomes</b> <b>Cheryl Reese Lawing, MD</b>
4:00 – 4:10 PM	<i>Discussion</i>
4:10 PM	Fitting of a Child with Bilateral Knee Disarticulation Amputations Secondary to Burns <b>Robert D. Lipschutz, CP, Rachel Hannah Siegal, MPO, Landon Davis, MPO</b>
4:20 PM	Complexity of Decision-Making and Prosthetic Management in an Amish Girl with Fibular Longitudinal Deficiency and Atypical, Symptomatic Tethering of the Spinal Cord <b>Ann Modrcin, MD, EMBA, Drew Christopher Schieber, CPO</b>
4:30 PM	Silicone Design of an Ankle Disarticulation Prosthesis on a Child with Gigantism <b>Robert D. Lipschutz, CP, Svetoslav Terziyski, Joseph Zisk, MPO</b>
4:40 PM	Bony Non-Union of the Leg: A Surgical and Prosthetic Challenge <b>Phoebe Scott-Wyard, FAAP/FAAPMR, Jesus Mendoza CPO, BSc, ABI Prosthetics &amp; Orthotics</b>

4:50 – 5:00 PM	<i>Discussion</i>
5:00 PM	Adjourn

## FRIDAY, May 3

7:00 – 8:00 AM	<b>CONTINENTAL BREAKFAST</b>
7:00 – 5:00 PM	<b>REGISTRATION</b>
8:00 – 10:15 AM	<b>SESSION IV – UPPER EXTREMITY</b> <i>Moderator: Edmund N. Biden, D.Phil</i>
8:00 AM	Use of Prosthesis Simulator to Create Body-Powered Prosthesis for Functional Needs <b>Debra Ann Latour, OTD, M.Ed., OTR/L, Cassandra Delgado, MSPO, CO</b>
8:10 AM	Impact on Function in Children with Partial Hand Amputations: Are They Truly Okay? <b>Colleen P. Coulter PT, DPT, PhD, Richard I. Welling, MSPO, CP, CO, Brian Emling, CPO, Frank L. Hammond, PhD</b>
8:20 – 8:30 AM	<i>Discussion</i>
8:30 – 9:10 AM	Skills for Life 5: What About the Children with Bilateral Upper Limb Loss? <b>Colleen P. Coulter PT, DPT, PhD, Jorge A. Fabregas, MD, Debra Ann Latour, OTD, M.Ed., OTR/L</b>
9:10 – 9:20 AM	<i>Discussion</i>
9:20 AM	Unlimbited Wellness: A Program about Upper Limb Loss/Difference for Children and Their Families <b>Debra Ann Latour, OTD, M.Ed., OTR/L</b>
10:05 – 10:15 AM	<i>Discussion</i>
10:15 – 11:00 AM	<b>BREAK</b>
11:00 AM–12:00 PM	<b>SESSION V – PFFD</b> <i>Moderator: Anna Vergun, MD</i>
11:00 AM	Outcomes of Knee Arthrodesis in Proximal Femoral Focal Deficiency <b>David E. Westberry, MD, Ashley M. Carpenter, BS, Megan Lee, BS</b>
11:10 AM	Gait Analysis in Children with Proximal Femoral Focal Deficiency <b>Lorena Floccari, MD, Kelly A. Jeans, MSc, Lori A. Karol, MD</b>
11:20 AM	Surgical Hip Reconstruction in Aitken Type A & B PFFD <b>Joseph Ivan Krajbich, MD</b>
11:30 AM	Increasing Comfort & Mobility for PFFD Patient through Anatomical Suspension & Running Blade <b>Aaron Fitzsimmons, OT, CP</b>
11:40 AM	Challenging Case Study: Patient with Congenital Hip Disarticulation and Short Transfemoral Deficiencies, Designing the Lower Extremity Prostheses <b>Andrea Paulson, MD, MPH, Christine Geeding, L/CP, MBA</b>
11:50 AM – 12:00 PM	<i>Discussion</i>
12:00 – 1:00 PM	Member Business Meeting and Lunch
1:00 – 2:00 PM	<b>Hector Kay Lecturer: Joan E. Edelstein, MA, PT</b>

2:00 – 3:00 PM	<b>SESSION VI – Psychosocial Aspects of Patient Care</b> <i>Moderator: James Kallen, CPO(c)</i>
2:00 PM	Barriers to Care for Pediatric Limb Differences <i>Anna Vergun, MD., Alexis Betancourt</i>
2:10 PM	The Effects of Technological Interventions on Pediatric Outcomes <i>Joshua Vova, MD, Kelly Moore, DPT, Erin Eggebrecht, DPT</i>
2:20 PM	The Importance of Continuity of Care <i>James H. Wynne, CPO</i>
2:30 PM	Providing Peer Support and Networking to Patients and Families <i>Rebecca Hernandez, CPO, LPO, Colleen P. Coulter, PT, DPT, PhD, Jorge A. Fabregas, MD, Brian Giavedoni, MBA, CP, Roni Mintz,</i>
2:40 PM	Developing Prosthetic Buy-in for Adolescent Amputee <i>Aaron L. Fitzsimmons, OT, CP</i>
2:50 – 3:00 PM	<i>Discussion</i>
3:00 – 3:45 PM	<b>BREAK</b>
3:45 – 5:00 PM	<b>CLINICIAN GUIDED FORUM</b> <i>Moderator: Anna Vergun, MD</i>
5:00 PM	<b>ADJOURN</b>
6:00 – 9:00 PM	<b>Optional Social Event</b>

## SATURDAY, May 4

6:30 AM – 7:45 AM	<b>Board of Director's Meeting</b>
7:00 AM – 8:00 AM	<b>CONTINENTAL BREAKFAST</b>
7:00 AM – 12:00 PM	<b>REGISTRATION</b>
8:00 – 8:50 AM	<b>SESSION VII – LOWER EXTREMITY ORTHOTICS</b> <i>Moderator:</i>
8:00 AM	Foot Abduction Orthosis use greater than 3 Years Correlates with Better PROMIS Scores for Children Ages 5-16 with Ponseti-Treated Idiopathic Clubfoot <i>Ahsan Khan, BS, Nina Q. Cung, BA, BS, Nancy Abarca, MPH, Joel A. Lerman, MD</i>
8:10 AM	An International Survey on the Use of Foot Abduction Orthoses in the Treatment of Clubfoot <i>Thomas M. Cook, PhD</i>
8:20 AM	Gross Motor Skills Changes in Children with Hypotonia and Significant Pronation Wearing Surestep Smos <i>Megan Smith, CO</i>
8:30 AM	Clinical Algorithm for Sagittal Plane Biomechanical Optimization of Articulated Ankle Foot Orthoses <i>Beatrice Janka, MPO, CPO, Nicholas LeCursi, CO</i>
8:40 – 8:50 AM	<i>Discussion</i>
8:50 – 9:50 AM	<b>SESSION VIII – GENERAL INTEREST</b> <i>Moderator:</i>
8:50 AM	<b>New Investigator Award Presentation</b> Patient Reported Knee Function and Stability in Patients with Fibular Deficiency

	<i>Joel A. Lerman, MD, Brian Michael Haus, MD, Lauren Agatstein, BA, MA, Matthew Joel Brown, MD</i>
9:00 AM	<b>New Investigator Award Presentation</b> Investigating Cranial Skin Surface Thermal Variations of Infants Wearing Cranial Reshaping Helmet (CRH) <i>Rochelle A. Dumm, CO, MSPO, Ammanath Peethambaran, MS, CO, FAAOP</i>
9:10 AM	Determining the Validity of Promis in Children with Lower Extremity Amputations <i>Ahsan Khan, BS, Nina Q. Cung, BA, BS, Nancy Abarca, MPH, Joel A. Lerman, MD</i>
9:20 AM	Case Study: Comparison of Hinged AFOS and Dynamic AFOS in a Young Child with Chronic Inflammatory Demyelinating Polyneuropathy and Charcot Marie Tooth <i>Nancy Hylton</i>
9:30 AM	Case Study: Use of Serial Casting and Dynamic AFOS in a Child with L 4-5 Myelomeningocele; 5 Year Perspective <i>Nancy Hylton</i>
9:40 – 9:50 AM	<i>Discussion</i>
9:50 – 10:10 AM	<b>REFRESHMENT BREAK</b>
10:10 – 10:50 AM	<b>SESSION IX – NEUROSCIENCE AND GENERAL INTEREST</b> <i>Moderator:</i>
10:10 AM	Immediate and Longer-Term Impact on Functional Movement, Active Balance and Stability of Standard SPIO Compression TLSO in Neurologically Impaired Population <i>Nancy Hylton</i>
10:20 AM	Impact of Somato-Sensory Awareness Deficits on Active Balance/Stability <i>Nancy Hylton</i>
10:30 AM	A Case for Supporting the Physiologic Active Arching Structures of the Foot in All Lower Extremity <i>Nancy Hylton</i>
10:40 – 10:50 AM	<i>Discussion</i>
10:50 – 11:55 PM	<b>SESSION X – LOWER EXTREMITY PROTHETICS II</b> <i>Moderator:</i>
10:50 AM	Unique Midfoot Amputation for Deformity Associated with a Rare Skeletal Dysplasia <i>Maureen J. Maciel, MD, Bryan Sinnott, RN, LPO, CPO</i>
11:00 AM	Anatomical Suspension and Socket Panels for Knee Disarticulation Patient with Bulbous Distal Limb <i>Justin Darm, CP</i>
11:10 AM	Increasing Comfort/Mobility for Rotationplasty Patient Through Anatomical Suspension & Running Blade <i>Aaron Fitzsimmons, OT, CP</i>
11:20 AM	How to Use Posterior Mount Feet <i>Justin Darm, CP, Nicholas Gambill, CPT</i>
11:40 AM	Posterior Mount High Activity Feet for Bilateral Fibular Hemimelia <i>Aaron Fitzsimmons, OT, CP</i>
11:50 AM– 12:05 PM	<i>Discussion</i>
11:55 AM	<b>ADJOURNMENT</b>
<b>POSTERS</b>	
#1	Novel Training Aids For Myo-Electric Prosthetics

	<b>Edmund N. Biden, D.Phil</b> , Greg Bush CP, Wendy Hill OT, Erik Scheme PhD, Ian Lemoine BScE, Scott Bateman PhD, Aaron Tabor
#2	Using Evidence To Determine Valid And Reliable Measures In The Selection Of Appropriate Afo Stiffness For Children With Spastic Cerebral Palsy: A Literature Review <b>Justina S Appel PhD, CO, BOCO, BOCF, FAAOP</b>