



Orthopedic Recommended Course Track

Tuesday, September 17, 2019: 8:00 am – 5:00 pm

ORTHOPEDIC DAY

M. Wade Shrader, MD; Robert M. Kay, MD; Anthony Scaduto, MD; Rachel Goldstein, MD, MPH; Oussama Abousamra, MD; Carley Vuillermin, MBBS, MPH, FRACS; Eva Pontén, MD, PhD; Reid Nichols, MD; Leigh Ramos-Platt, MD; Freeman Miller, MD; Matthew Halansky, MD; Luis Moraleda Novo; Uri Givon, MD; Kenneth Illingsworth, MD; Michael B. Johnson, MD; Kristan Pierz, MD; H. Kerr Graham, MD; Elizabeth Rodby Bousquet, PT, PhD; Dr. Kishore Mulpuri; Jon Davids, MD; Benjamin Shore, MD, MPH, FRCSC

Wednesday, September 18, 2019: 10:00 am – 12:00 pm

LOWER EXTREMITY OSTEOTOMIES IN PEDIATRIC ORTHOPAEDICS: HANDS-ON SAWBONES SESSION

Oussama Abousamra, MD; Haleh Badkoobeji, MD; Rachel Goldstein, MD; Professor H. Kerr Graham; Freeman Miller, MD; Robert Kay, MD; Selina Poon, MD; Benjamin Shore, MD; Vineeta Swaroop, MD; Rachel Thompson, MD

Wednesday, September 18, 2019, Afternoon Session: 1:00 pm – 5:00 pm

PC2 - PRACTICAL APPROACHES TO COMPLEX CARE: BUILDING YOUR CLINICAL AND TEACHING TOOLKIT

Holly Roach, OTR, ATP; Irene Cihon. Dietz, MD; Emily Goodwin, MD; Kathleen Huth, MD MMSc; Lisa Letzkus, PhD RN CPNP-AC; James Plews-Ogan, MD; Roopa Srinivasan, DNB (Pediatrics)

Wednesday, September 18, 2019: 6:30 pm – 8:00 pm

WELCOME RECEPTION

The Welcome Reception will be held at the Grand Plaza.

Thursday, September 19, 2019: 7:00 am – 8:00 am

BRK01 - ADDRESSING INEQUITIES IN HEALTH OUTCOMES FOR CHILDREN WITH CEREBRAL PALSY

ACROSS THE WORLD

Sue Woolfenden, MBBS MPH FRACP PhD; Maryam Oskoui, MDCM, FRCPC, MSc, FAAN; Kate Milner, MBBS MPH FRACP; Gulam Khandaker, MBBS, DCH, MPH, PhD, FAFPHM

-or-

BRK03 - POSTURE AND MOBILITY INTERVENTION FOR INFANTS AND TODDLERS

Ginny Paleg, DScPT; Elisabet Rodby-Bousquet, PT, PhD

-or-

BRK06 - POSTOPERATIVE URINARY RETENTION IN CHILDREN WITH CEREBRAL PALSY UNDERGOING MUSCULOSKELETAL SURGERY: PREVALENCE, RISK FACTORS AND MANAGEMENT

Mohan Belthur, MD; Jon R. Davids, MD; Loren Davidson, MD

-or-

BRK07 - MULTI-DISCIPLINARY SCHOOL-BASED CLINICS FOR CHILDREN WITH CEREBRAL PALSY: AN INTERNATIONAL DISCUSSION

Wade Shrader, MD; Daniel M. Weigl, MD; Laura Owens, MD; Laura M. Boyd, MSW, LSW

-or-

BRK08 - PERIOPERATIVE ANESTHESIA/SURGICAL COLLABORATION: WORKING TOGETHER TO MAXIMIZE OUTCOMES AND ENHANCE THE PATIENT/FAMILY SURGICAL EXPERIENCE

Francisco Valencia, MD; Peter Lichtenthal, MD; Paul Samuels, MD

-or-

SYMP04 - SPASTIC MUSCLE IN CEREBRAL PALSY: CONTRACTURE, BOTULINUM TOXIN A, AND FUTURE DIRECTIONS

Jason J. Howard, BEng, MD, FRCSC; Kerr Graham, MD, MD, FRCS (Ed), FRACS; Tandy Hastings-Ison, PhD, BAppSci(Physio); Walter Herzog, PhD

Thursday, September 19, 2019: 7:00 am – 8:00 am

Free Paper Session:

B. Motion Analysis/Gait

Thursday, September 19, 2019: 10:45 am - 12:15 pm

SYMP06 - COLLABORATIVE STRATEGIES FOR IMPROVING EVIDENCE BASED PRACTICE IN DEVELOPING COUNTRIES

Marcia Greenberg, MS, PT; Perth Rosen, MA; Abhay Khot, MBBS, FRACS; Alaric Aroojis, MS, D'Ortho, DNB; Oleksandra Kalandyak, BS

-or-

SYMP08 - ETIOLOGY, DIAGNOSIS AND TREATMENT OF CEREBRAL PALSY IN HIGH INCOME VS LOW/MIDDLE INCOME COUNTRIES - KNOWLEDGE ACROSS BORDERS

Annemieke I. Buizer, MD PhD; Shaheen Akhter, MD; Laura A. van de Pol, MD, PhD; R. Jeroen Vermeulen, MD, PhD; Nelleke G. Langerak, PhD

-or-

SYMP11 - ROBOTICS FOR TRAINING OF BALANCE, POSTURE, AND GAIT: EMERGING TECHNOLOGIES, POSSIBILITIES AND CHALLENGES

Sunil K. Agrawal, PhD; Diane Damiano, MD; Andrew Gordon, PhD; Joseph Dutkowsky, MD; Heakyung Kim, MD

-or-

SYMP13 - INTERNATIONAL PERSPECTIVES ON THE IMPLEMENTATION OF HIP SURVEILLANCE FOR CHILDREN WITH CEREBRAL PALSY: PEARLS, PITFALLS AND PROCESSES

Stacey D. Miller, PT; Kate L. Willoughby, BPhysio, DPhysio; Laura Yeo, M Arts, Grad Dip PT; Pam Thomason, B Pty, M Physio; Kerr Graham, MD, MD, FRCS (Ed), FRACS

Thursday, September 19, 2019: 2:00 pm – 4:00 pm

General Session - Thursday Afternoon

Presidential Guest Lecture: “Rationale and Evolution of the Application of Quantitative Gait Analysis to the Management of Gait Disorders in Children with Cerebral Palsy”

Jon R. Davids, MD

Thursday, September 19, 2019: 4:15 pm – 6:15 pm

IC02 - INCLUSION: AT EVERY AGE AND ACROSS THE COMMUNITY!

Rachel Byrne, BA; Peter L. Rosenbaum, MD CM FRCPC; Tracy Pickar, BA; Laurie Glader, MD

-or-

IC04 - MANAGEMENT OF PAIN AND FUNCTION IN ADULTS WITH CEREBRAL PALSY

Joshua E. Hyman, MD; David Roye, MD; Wade Shrader, MD; Henry G. Chambers, MD; Philip Nowicki, MD

-or-

IC05 - NEUROINFLAMMATION AND PERINATAL BRAIN INJURY: BASIC SCIENCE TO EMERGING THERAPIES

Eric M. Chin, MD; Lauren Jantzie, PhD; Shenandoah Robinson, MD; Alexander Hoon, MD, MPH

-or-

IC07 - OPTIMIZING HEALTH AND FUNCTION IN CHILDREN WITH CEREBRAL PALSY WITH THE NEW AACPD CARE PATHWAY FOR MAJOR MUSCULOSKELETAL SURGERY

Jay Berry, MD; Mohan Belthur, MD; Gina R. Rempel, MD, FRCPC

-or-

IC10 - ROLES OF DISTAL FEMORAL EXTENSION OSTEOTOMY AND PATELLAR TENDON ADVANCEMENT IN THE TREATMENT OF SEVERE PERSISTENT CROUCH GAIT IN ADOLESCENTS AND YOUNG ADULTS WITH CEREBRAL PALSY

Tom Novacheck, MD; Elizabeth Boyer, PhD; Jean L. Stout, PT, MS; Katie Walt, DPT; Libby Weber, MD

-or-

IC14 - UTILIZING SOCIAL DETERMINANTS OF HEALTH FRAMEWORK-CEREBRAL PALSY

Margaret Salzbrenner Hoopes, MSN; Kirk Dabney, MD; Tirzah Spencer, PhD; Valerie Aptt, MSW

Thursday, September 19, 2019: 6:30 pm - 8:00 pm

Wine and Cheese Poster and Exhibit Review

Sponsored by: Medtronic

Friday, September 20, 2019: 7:00 am - 8:00 am

BRK11 - BOTULINUM NEUROTOXIN UPDATES

Mark Gormley, MD; John Fox, DO; Kathleen M. Vonderhaar, MD

-or-

BRK12 - CREATING CAPACITY FOR ROBOTIC TECHNOLOGY USE IN PEDIATRIC REHABILITATION : A MULTI-CENTER INTERNATIONAL PERSPECTIVE

Anna M. McCormick, MD, FRCPC (Pediatrics/Rehabilitation); Hubertus J. van Hedel, PhD PT; Deborah Gaebler-Spira, MD, FRCP; Virginia Wright, BSc (PT), MSc, PhD

-or-

BRK14 - INTERPRETING HIP SURVEILLANCE X-RAYS WITH THE HIPSCREEN APP: A PRIMER FOR THE RADIOLOGY NOVICE

Vedant A. Kulkarni, MD; Jon R. Davids, MD; Pam Thomason, B Pty, M Physio; Lisa Wiedeman, MPT

-or-

CC03 - A CURRENT CONTROVERSY: DOES SELECTIVE DORSAL RHIZOTOMY IMPROVE LONG-TERM FUNCTION

Freeman Miller, MD; Tom Novacheck, MD; Kristina Tedroff, MD, PhD

-or-

SYMP18 - HIP HEALTH IN CHILDREN WITH CP - IS AN OUNCE OF PREVENTION WORTH A POUND OF CURE?

Ginny Paleg, DScPT; Elisabet Rodby-Bousquet, PT, PhD; Wade Shrader, MD; Unni G. Narayanan, MBBS, MSc, FRCS(C); Jan Willem Gorter, MD PhD

Friday, September 20, 2019: 8:15 am – 10:00 am

General Session- Friday Morning

Presidential Guest Lecture: “The Future of Health & Medicine: Where Can Technology Take Us?”

Daniel Kraft, MD

Friday, September 20, 2019: 10:30 am

Get Up and Move: Yoga

Activity Description: Yoga postures will work on balance, strength, and flexibility. A great way to focus and refresh your mind and body and start the morning off right!

Friday, September 20, 2019: 10:30 am – 12:15 pm

Free Paper Sessions:

F. Tone Management

-or-

G. Orthopaedics

-or-

CC05 - WE NEED TO TALK ABOUT BOTULINUM TOXIN

Kerr Graham, MD, MD, FRCS (Ed), FRACS; Tandy Hastings-Ison, PhD; Anja Van Campenhout, MD, PhD

-or-

SYMP27 - GAIT ANALYSIS WITHOUT A GAIT LAB: USING TECHNOLOGY TO ENHANCE OBSERVATIONAL GAIT ASSESSMENT IN RESOURCE-CHALLENGED ENVIRONMENTS

Vedant A. Kulkarni, MD; Jon R. Davids, MD; Abhay Khot, MBBS, FRACS; Alaric Aroojis, MS, D'Ortho, DNB

Friday, September 20, 2019: 12:15 pm - 1:15 pm

Non CME Luncheon Options:

International Networking Luncheon (separate ticket required)

Friday, September 20, 2019: 1:30 pm – 3:30 pm

General Session-Friday Afternoon

Presidential Guest Lecture: “Current State of the Art of Lower Limb Pediatric Orthotic Care: Translation to the Developing World”

Thomas DiBello, CPO

Friday, September 20, 2019: 4:30 pm – 6:30 pm

IC15 - COMPREHENSIVE MULTIDISCIPLINARY MANAGEMENT OF SPINA BIFIDA

Vineeta T. Swaroop, MD; Luciano Dias, MD; Elizabeth Yerkes, MD; Robin Bowman, MD

-or-

IC17 - EVALUATION AND MANAGEMENT OF PAIN IN PEOPLE WITH CEREBRAL PALSY

Hiroko Matsumoto, PhD; Heakyung Kim, MD; Daniel F. Linhares, MD; Joshua Hyman, MD

-or-

IC19 - HIP HEALTH IN CEREBRAL PALSY: EVIDENCEINFORMED MANAGEMENT OF HIP DISPLACEMENT FROM SURVEILLANCE TO SURGERY AND BEYOND

Kate L. Willoughby, BPhysio, DPhysio; Pam Thomason, B Phty, M Physio; Giuliana C. Antolovich, BSc, PhD, MBBS, FRACP; Abhay Khot, MBBS, FRACS; Erich Rutz, MD; Kerr Graham, MD, MD, FRCS (Ed), FRACS

-or-

IC22 - NEURO-ORTHOPAEDIC JOURNAL CLUB: TOP 10 ARTICLES IN THE LAST YEAR RELATING TO THE ORTHOPAEDIC MANAGEMENT OF CHILDREN WITH NEUROMUSCULAR DISORDERS

Amanda T. Whitaker, MD; Jon R. Davids, MD; Benjamin J. Shore, MD, MPH, FRCSC

-or-

IC23 - ORTHOPAEDIC SURGERY FOR THE UPPER AND LOWER LIMB IN CHILDREN WITH CEREBRAL PALSY

Robert M. Kay, MD; Nina Lightdale-Miric, MD

Friday, September 20, 2019: 7:00 pm -12:00 am

Networking Dinner and Celebration

Location: City Grove of Anaheim

Enjoy an amazing evening at City Grove of Anaheim where you can connect with other meeting attendees. There will be plenty of delicious food and a live band for entertainment, so be prepared to dance! A limited number of tickets are available. Transportation will be provided from the Anaheim Marriott Hotel. (Separate ticket is required)

Saturday, September 21, 2019: 7:00 am - 8:00 am

BRK28 - LOWER LIMB ORTHOTIC MANAGEMENT IN CEREBRAL PALSY - AN INTERACTIVE DISCUSSION

Tom V. DiBello, BS

-or-

SYMP35 - STAYING OUT OF TROUBLE IN HIP AND SPINE SURGERY IN NON-AMBULATORY CHILDREN WITH CEREBRAL PALSY: A COMPARISON OF INTERNATIONAL PERIOPERATIVE MEDICAL MANAGEMENT STRATEGIES AND SURGICAL INTERVENTIONS

Benjamin J. Shore, MD, MPH, FRCSC; Wade Shrader, MD; Jay Berry, MD; Kerr Graham, MD, MD, FRCS (Ed), FRACS; Giuliana C. Antolovich, BSc, PhD, MBBS, FRACP; Laurie Glader, MD

-or-

SYMP37 - LIFELONG MANAGEMENT FOR CHILDREN WITH CEREBRAL PALSY

Min Shen, MD; Xiaojie Li, MD; Bing Liang, MD; Yong Liu, NA; Guorong Wei, DPT

-or-

SYMP38 - OPTIMIZATION OF OUTCOMES FOLLOWING SINGLE EVENT MULTI-LEVEL SURGERY (SEMLS): INTERNATIONAL PERSPECTIVES ON A TEAM APPROACH TO IMPROVE GAIT IN CHILDREN WITH CEREBRAL PALSY

Vedant A. Kulkarni, MD; Jon R. Davids, MD; Pam Thomason, B Phty, M Physio; Alaric Aroojis, MS, D'Ortho, DNB; Kerr Graham, MD, MD, FRCS (Ed), FRACS

-or-

SYMP40 - SURGICAL DECISION MAKING IN LIFE LIMITING ILLNESSES: MEDICAL, SURGICAL, ETHICAL, AND PALLIATIVE PERSPECTIVES

Garey Noritz, MD; Lisa Humphrey, MD; Prashant S. Malhotra, MD; Amanda T. Whitaker, MD

Saturday, September 21, 2019: 10:30 am – 12:00 pm

General Session: Chambers Family Lifespan Lecture - Parents Panel

“A Conversation with Parents about Cultural Sensitivity in Healthcare”

Moderator: *Olivia Raynor, PhD*

Panelists: *Herlinda Rodriguez and Cathy Liu*

Saturday, September 21, 2019: 1:30 pm – 3:30 pm

IC33 - FIXING THE FEMURS, FIBRES AND FEET: IMPACT ON FITNESS, FUNCTION, FRIENDSHIPS AND THE FUTURE

Pam Thomason, B Pty, M Physio; Kate L. Willoughby, BPhysio, DPhysio; Erich Rutz, MD; Abhay Khot, MBBS, FRACS; Kerr Graham, MD, MD, FRCS (Ed), FRACS

-or-

IC37 - NEONATAL BRACHIAL PLEXUS PALSY: UPDATES ON TREATMENT, PROGNOSIS AND OUTCOMES

Sue Mukherjee, MD; Robert Rinaldi, MD; Virginia S. Nelson, MD, MPH; Lynda Yang, MD; Mary Catherine Spires, MD

-or-

IC39 - PREPARING CHILDREN FOR SUCCESSFUL COMMUNITY PARTICIPATION

Lisa A. Chiarello, PT, PhD, FAPTA; Robert J. Palisano, PT, ScD, FAPTA