

IPOS[®]

International Pediatric Orthopaedic Symposium

December 3-7, 2024 | Orlando, FL

Director: Derek Kelly, MD

Final Program *Sponsored by Medtronic*



POSNA
PEDIATRIC ORTHOPAEDIC SOCIETY
OF NORTH AMERICA



Medtronic

Leading the way in pediatric patient-specific spine solutions



Josephine™ the giraffe is our ambassador for education to children with early onset scoliosis and their families.



CD Horizon™ ModuLeX™ spinal system, building on 40 years of patient history using **CD Horizon™ system** technology.



UNiD™ ASI is a longitudinal data collection platform that leverages artificial intelligence and patient specific implants to support planning, execution, and analysis of alignment goals. UNiD™ ASI is FDA cleared for use with CD Horizon™ Solera™ and CD Horizon™ ModuLeX™ 5.5/6.0 spinal systems.



LigaPASS™ 2.0 system is designed to help achieve a well-balanced spine in both coronal and sagittal planes when screws, hooks, or wires cannot be placed and axial derotation and reduction are both desired.



Mazor™ robotic guidance platform is a **powerful surgical solution** featuring planning tools that enable 3-D construct design and robotic surgical execution for a seamless OR experience.

See the device manual for detailed information regarding the instructions for use, indications, contraindications, warnings, precautions, and potential adverse events. For further information, contact your local Medtronic representative and/or consult the Medtronic website at medtronic.eu. An electronic version of the package insert may be found at www.medtronic.com/manuals and www.medtronic.com/UNiD.

The commercial name of Mazor™ is Mazor X Stealth™ Edition.

©2023 Medtronic. Medtronic, Medtronic logo, and Engineering the extraordinary are trademarks of Medtronic. UC202312734EN [WF#8825737]

ACKNOWLEDGMENTS

The Pediatric Orthopaedic Society of North America gratefully acknowledges the following for their generous financial support in 2024.

Emerald Level (\$300,000+)



Double Diamond Level (\$150,000-\$299,999)



Children's National

* **Medtronic**

Diamond Level (\$100,000-\$149,999)

stryker

**Johnson & Johnson
MedTech**

ORTHOFIX®

Platinum Level (\$75,000-\$99,999)

Globus Medical

Gold Level (\$50,000-\$74,999)

Pacira BioSciences, Inc.

Silver Level (\$20,000-\$49,999)

Arthrex Inc.
BioMarin Pharmaceutical Inc.
Children's Healthcare of Atlanta
Children's Hospital of Colorado

Highridge Medical
Nemours Children's Health
* Shriners Children's™

Bronze Level (\$1,000-\$19,999)

Akron Children's
Campbell Clinic Orthopaedics
Central Texas Pediatric Orthopedics
Children's Mercy Hospital
Cincinnati Children's Hospital
Mayo Clinic
Novadip

nView medical
PediTST®
Scottish Rite for Children
Stanford Medicine Children's Health
University of Pittsburgh
Washington University St. Louis

* Provided an educational grant for IPOS®

Acknowledgments	3
About IPOS®	5
IPOS® Faculty	7
Schedule at a Glance	8-11
Loews Meeting Space	13
IPOS® by Topic	14-15
Meeting Schedule	16-54
ePosters	56-62
Exhibit Hall Map	65
Exhibitors.....	66-74
POSNA Membership	75
AntiTrust Policy.....	76-77
Important Information.....	78-79

Explore All Areas of Pediatric Orthopaedics

Immerse yourself in this exciting and interactive four-day program alongside hundreds of pediatric orthopaedic professionals from around the world. Discover new insights and technology and learn how to integrate best practices and new techniques into your care of children and adolescents. From fundamental fracture care to advanced surgical reconstruction, our world-renowned faculty share their expertise in every subspecialty field of pediatric orthopaedics.

Learning Objectives

- Describe foundational aspects of pediatric orthopaedic principles and techniques
- Analyze and incorporate innovations and advances in pediatric orthopaedic surgery when applicable
- Identify potential for and apply improvements to your practice and treatment/outcomes optimization plans
- Practice hands-on techniques for a wide variety of procedures to improve performance
- Develop a growth mindset, soft skills, and emotional intelligence for practice success

Host a POSNA Webinar!

POSNA is now accepting applications for 2025 webinars. Use the QR code to submit your webinar application TODAY!



Residents and Fellows: Just for you!

Tuesday

Case Competition & Trivia: Hear the faculty discuss your cases and put your knowledge to the test during the Arabella Leet Residents & Fellows Forum! The fun begins at 3:00 PM.

Career Planning and Professional Development: Get perspectives and advice on handling what you do not find in textbooks.



Thursday

Breakfast with Faculty: This is a unique, direct-access opportunity with leaders in the field to feed your mind, ask questions, and seek professional guidance on Thursday morning over breakfast from 7:00 AM–8:00 AM.

Top Gun: The 12th annual surgical skills competition allows you to showcase your maverick skill set (by invitation only).

Wednesday, Thursday, and Friday

Lunchtime Career Development: Join IPOS® faculty during the last 30 minutes of lunch for case review and discussion in the IPOS® Case Theater located in the Exhibit Hall.

Resident Review

Cutting edge orthopaedic information enhancing resident education brought to you by POSNA members:

- OITE review & prep questions
- Must read articles
- Interviews with pediatric orthopaedic experts
- Webinars
- And more!



Peds Ortho
Brought to you by POSNA

**Peds Ortho, the official
POSNA podcast**
Brought to you by POSNA

Monthly episodes from hosts Carter Clement, MD, MBA; Josh Holt, MD; and Julia Sanders, MD, discussing pediatric orthopaedic surgery content, ranging from new literature to coverage of POSNA Annual Meetings and more!

**Live episode recordings
on-site at IPOS®!**

Leading Orthopaedics Since 1909

Campbell Clinic pediatric orthopaedic team



Back row from left to right:

William C. Warner, M.D.

Derek M. Kelly, M.D. (Current IPOS[®] Director)

Keith J. Orland, M.D.

Jeffrey R. Sawyer, M.D. (Past President of POSNA)

Stephanie Chen, M.D.

Front row from left to right:

Benjamin W. Sheffer, M.D. | David D. Spence, M.D.



Derek Kelly, MD
Director

“The faculty members are the heart and soul of IPOS®. They are world-leading experts in their subspecialties, enthusiastic educators, approachable mentors, and inspirational leaders.”

Domestic Faculty

Lindsay Andras, MD
 Alexandre Arkader, MD
Donald Bae, MD *
 Andrea Bauer, MD
 Jennifer Bauer, MD, MS
 Jennifer Beck, MD
Maryse Bouchard, MD, MSc *
 Jaysson Brooks, MD
Robert Cho, MD *
 Jaime Rice Denning, MD
 Craig Ebersson, MD, FAOA
 Eric Edmonds, MD
Ron El-Hawary, MD, MSc, FRCS(C) *
 Henry Ellis, MD
Nicholas Fletcher, MD *
John (Jack) Flynn, MD *
 Michael Glotzbecker, MD
 Christine Ho, MD
 Sandra Jarvis-Selinger, PhD
 Simon Kelley, MBChB, PhD, FRCS
Derek Kelly, MD *
Philip McClure, MD *
Jennifer Laine, MD *
 Craig Louer Jr., MD
 John Lovejoy III, MD
Scott Luhmann, MD *
Jeff Martus, MD, MS *
 James McCarthy, MD
 Thomas McPartland, MD
Todd Milbrandt, MD *
 Firoz Miyanji, MD, FRCS
 Kishore Mulpuri, MBBS, MS, MHSc, FRCS
 L. Reid Nichols, MD
 Kenneth Noonan, MD
 David Podeszwa, MD
 Anthony Riccio, MD
Wudbhav (Woody) Sankar, MD *
 Jeffrey Sawyer, MD
Jonathan Schoenecker, MD, PhD *
Suken Shah, MD *
 Kevin Shea, MD

Benjamin Shore, MD, MPH, FRCS

M. Wade Shrader, MD *
 Daniel Sucato, MD, MS
 Vishwas Talwalkar, MD
 Mihir Thacker, MD
 Rachel Thompson, MD
 V. Salil Upasani, MD
Michael Vitale, MD, MPH *
Lindley Wall, MD, MSc *
 Ira Zaltz, MD

International Faculty

Franck Accadbled, MD, PhD
 Prof. Thomas Dreher
 Deborah Eastwood, FRCS
 Sebastian Farr, MD
Javier Masquijo, MD *
 Manoj Ramachandran, BSc(Hons), MBBS(Hons),
 MRCS(Eng), FRCS(Tr&Orth)

Instructors

Jason Howard, MD, FRCS
 Vedant Kulkarni, MD
 Scott McKay, MD
 Crystal Perkins, MD
 Matthew Schmitz, MD

Advanced Practice Provider (APP) Faculty

John Ansiaux, PA-C
 Colleen Ditro, DNP, CPNP
 Sarah Gilday, PA-C
 Sheila Marceron, DNP
 Morgan McCarver, PA-C
 Amber Mizerik, PA-C
 Kevin Moore, PA-C
Valerie Parrish, PA-C *
 Christopher Tremonti, PA-C
Nicole Tweedy, DNP-PNP *
 Paige Wheaton, PA-C

*2024 Advisory Board

Topics

-  **Advanced Practice Providers**
-  **Essentials of Pediatric Orthopaedics**
-  **Foot**
-  **General Pediatric Orthopaedics/Trauma**
-  **Hand & Upper Extremity**
-  **Hip**
-  **Lower Extremity/Deformity**
-  **Mid-Career**
-  **Neuromuscular & Cerebral Palsy**
-  **Spine**
-  **Sports**

Tuesday, December 3

1:00 PM–6:30 PM Registration

Residents and Fellows

- 3:00 PM–4:45 PM **Arabella Leet Forum ***
Oceana Grand 6-7 (Sponsored by Shiners Children's™)
- 4:55 PM–5:55 PM **Career Planning and Professional Development ***
Oceana Grand 6-7 (Sponsored by Medtronic)
- 6:00 PM–6:15 PM **Mingle with Medtronic ***
Oceana Grand 6-7
- 6:30 PM–7:45 PM **OrthoPediatrics Pre-Course**
Oceana Grand 2-5
Innovation - Bringing Creative Solutions from Ideas to Reality *
- 7:50 PM–9:00 PM **Reception Sponsored by**
Java Sea OrthoPediatrics

Wednesday, December 4

- 7:00 AM–5:00 PM Registration
- 7:00 AM–8:00 AM **Breakfast and Exhibits**
Pacifica 6-7
- 8:05 AM–10:05 AM **General Session 1:**
Oceana Grand 6-7  **Mastering Call in Pediatric Orthopaedics**
- 10:10 AM–10:30 AM **Break and Exhibits**
Pacifica 6-7
- 10:35 AM–11:35 AM **Industry Spotlight Sessions 1*: BioMarin Pharmaceuticals, Inc.**
Pacifica 3-5
- 10:35 AM–11:35 AM **Industry Spotlight Sessions 1*: Stryker**
Pacifica 8-10
- 10:35 AM–11:35 AM **Industry Spotlight Sessions 1*: Johnson & Johnson MedTech**
Banda Sea
- 10:35 AM–11:35 AM **Industry Spotlight Sessions 1*: Arthrex**
Timor Sea
- 10:35 AM–11:35 AM **Industry Spotlight Sessions 1*: Orthofix**
Coral Sea
- 10:35 AM–11:35 AM **Industry Spotlight Sessions 1*: OrthoPediatrics**
Java Sea
- 11:40 AM–12:40 PM **Lunch and Exhibits**
Pacifica 6-7
- 12:10 PM–12:40 PM **Lunchtime Career Development**
Pacifica 6-7
- 12:45 PM–2:00 PM **CME Breakout 1:**
Oceana Grand 6-7  **Essentials of Pediatrics I**
- 12:45 PM–2:00 PM **CME Breakout 1: We've Got to Hand It to You: Upper Limb Conditions That Will Show up in the Clinic (Case-Based Discussion)**
Pacifica 8-10 

* Indicates Non-CME Session

12:45 PM–2:00 PM
Banda Sea



CME Breakout 1:
Ponseti Casting
(Hands-on)

12:45 PM–2:00 PM
Pacifica 3-5



CME Breakout 1:
Osteomyelitis and
Bone Tumor

12:45 PM–2:00 PM
Timor Sea



CME Breakout 1:
Mastering MPFL
Reconstruction: A
Hands-on Session

12:45 PM–2:00 PM
Oceana Grand 2-5



APP Breakout 1:
Backbone Breakthroughs:
Advancing Pediatric Spine

2:05 PM–2:25 PM
Pacifica 6-7

Break and Exhibits

2:30 PM–4:00 PM
Oceana Grand 2-5



Concurrent Session 1:
Twist and Shout:
Unraveling the Rotational
Mysteries of the Hip

2:30 PM–4:00 PM
Oceana Grand 6-7



Concurrent Session 1:
Total Patient Care: The
Complex Neuromuscular
Spine

2:30 PM–3:30 PM
South China Sea



Ponseti on the Go

4:05 PM–5:05 PM
Pacifica 3-5

**Industry Spotlight
Sessions 2*: Johnson &
Johnson MedTech**

4:05 PM–5:05 PM
Pacifica 8-10

**Industry Spotlight
Sessions 2*: Stryker**

4:05 PM–5:05 PM
Timor Sea

**Industry Spotlight
Sessions 2*: Globus
Medical**

4:05 PM–5:05 PM
Coral Sea

**Industry Spotlight
Sessions 2*:
OrthoPediatrics**

10:35 AM–11:35 AM
Java Sea

**Industry Spotlight
Sessions 2*:
OrthoPediatrics**

5:10 PM–6:10 PM
Pacifica 6-7

Happy Hour in the Hall

Thursday, December 5

7:00 AM–3:00 PM

Registration

7:00 AM–8:00 AM
Pacifica 6-7

Breakfast and Exhibits
with Faculty

8:05 AM–10:05 AM
Oceana Grand 6-7



General Session 2:
Multidisciplinary,
Complex Problems in
Children–Spina Bifida,
Amputations, and Under-
Served and Under-Reso

10:10 AM–10:30 AM
Pacifica 6-7

Break and Exhibits

10:35 AM–11:35 AM
Pacifica 3-5

**Industry Spotlight
Sessions 3*: Medtronic**

10:35 AM–11:35 AM
Pacifica 8-10

**Industry Spotlight
Sessions 3*: Johnson &
Johnson MedTech**

10:35 AM–11:35 AM
Banda Sea 2

**Industry Spotlight
Sessions 3*: Pacira
BioSciences**

10:35 AM–11:35 AM
Timor Sea 2

**Industry Spotlight
Sessions 3*: Orthofix**

10:35 AM–11:35 AM
Coral Sea

**Industry Spotlight
Sessions 3*: Highridge
Medical**

10:35 AM–11:35 AM
Java Sea

**Industry Spotlight
Sessions 3*:
OrthoPediatrics**

11:40 AM–12:40 PM
Pacifica 6-7

Lunch and Exhibits

12:10 PM–12:40 PM
Pacifica 6-7

Lunchtime Career
Development

12:45 PM–2:00 PM Oceana Grand 2-5	CME Breakout 2: Essentials of Pediatric Orthopaedics II
12:45 PM–2:00 PM Timor Sea	CME Breakout 2: Pelvic Osteotomies Part One: Salter, Pemberton, Dega, San Diego (Hands-on)
12:45 PM–2:00 PM Oceana Grand 6-7	CME Breakout 2: Workup and Treatment Decision-Making for AIS
12:45 PM–2:00 PM Banda Sea	CME Breakout 2: Congenital Vertical Talus: Topic Update and Hands-on Casting
12:45 PM–2:00 PM Coral Sea	CME Breakout 2: Unlocking the Congenital Knee
2:05 PM–2:25 PM Pacifica 6-7	Break and Exhibits
2:30 PM–4:00 PM Oceana Grand 6-7	Concurrent Session 2: Why Can Flatfeet Be So Complicated?!
2:30 PM–4:00 PM Pacifica 3-5	Concurrent Session 2: Cool Strategies for Hot and Cold Pediatric Upper Extremity Trauma
2:30 PM–4:00 PM Oceana Grand 2-5	APP Breakout 2: Pediatric Trauma: Tackling Challenges and Finding Strength
2:30 PM–3:30 PM South China Sea	Pavlik on the Go
2:30 PM–3:30 PM South China Sea	Halo on the Go

Friday, December 6


7:00 AM–2:30 PM	Registration
7:00 AM–8:00 AM Pacifica 6-7	Breakfast and Exhibits
8:05 AM–9:20 AM Oceana Grand 6-7	CME Breakout 3: Current Surgical Controversies in AIS
8:05 AM–9:20 AM Timor Sea	CME Breakout 3: Pelvic Osteotomies Part Two: Triple, PAO (Hands-on)
8:05 AM–9:20 AM Banda Sea	CME Breakout 3: Pinning an Elbow (Hands-on)
8:05 AM–9:20 AM Coral Sea	CME Breakout 3: Neuromuscular Gait Analysis for Non-CP Conditions
8:05 AM–9:20 AM Oceana Grand 2-5	APP Breakout 3: Hot Topics in Orthopaedics: Innovation and Pre-Operative Trends
8:05 AM–11:20 AM Pacifica 3-5	Practicing PediPod
9:25 AM–9:45 AM Pacifica 6-7	Break and Exhibits
9:50 AM–11:20 AM Oceana Grand 2-5	Concurrent Session 3: Pediatric Sports Controversies: If It's Your Child, What Do You Do?
9:50 AM–11:20 AM Oceana Grand 6-7	Concurrent Session 3: Basics of Lower Extremity Deformity Analysis

* Indicates Non-CME Session

20th Annual IPOS®
SCHEDULE AT A GLANCE

11:25 PM–12:25 PM Lunch and Exhibits
Pacifica 6-7

11:55 PM–12:25 PM Lunchtime Career
 Development
Pacifica 6-7

12:30 PM–2:50 PM **General Session 3:**
 Author's Preferred
 Techniques
Pacifica 6-7 

2:55 PM–3:30 PM Cheers to 20 Years of
 IPOS® (in the Hall)
Oceana Grand 6-7




Saturday, December 7


7:00 AM–8:00 AM Breakfast
Pacifica 6-7

7:30 AM–9:35 AM **Practicing PediPod**
Pacifica 3-5 

8:05 AM–9:35 AM **Concurrent Session 4:**
 CP Hip Surveillance and
 CP-Like Conditions
Coral Sea 

9:40 AM–10:55 AM **CME Breakout 4:**
 Essentials of Pediatric
 Orthopaedics III
Pacifica 3-5 

9:40 AM–10:55 AM **CME Breakout 4:**
 Foundations in Hip
 Dysplasia: Get to Know
 the Villains
Coral Sea 

9:40 AM–10:55 AM **CME Breakout 4:**
 Coronal and Transverse
 Malalignment in Pediatric
 Patellofemoral Instability
Java Sea 

11:00 AM Farewell Grab 'n Go
Pre-Function West



POSNA APP
 Sponsored by **stryker**

Download on the
App Store

GET IT ON
Google Play



Locate the Events tab to access the
 2024 IPOS® Meeting





central texas
PEDIATRIC ORTHOPEDICS

A TRADITION OF PEDIATRIC ORTHOPEDIC CARE

Central Texas Pediatric Orthopedics has served the Austin community with comprehensive orthopedic care for pediatric and adolescent patients for more than 30 years.

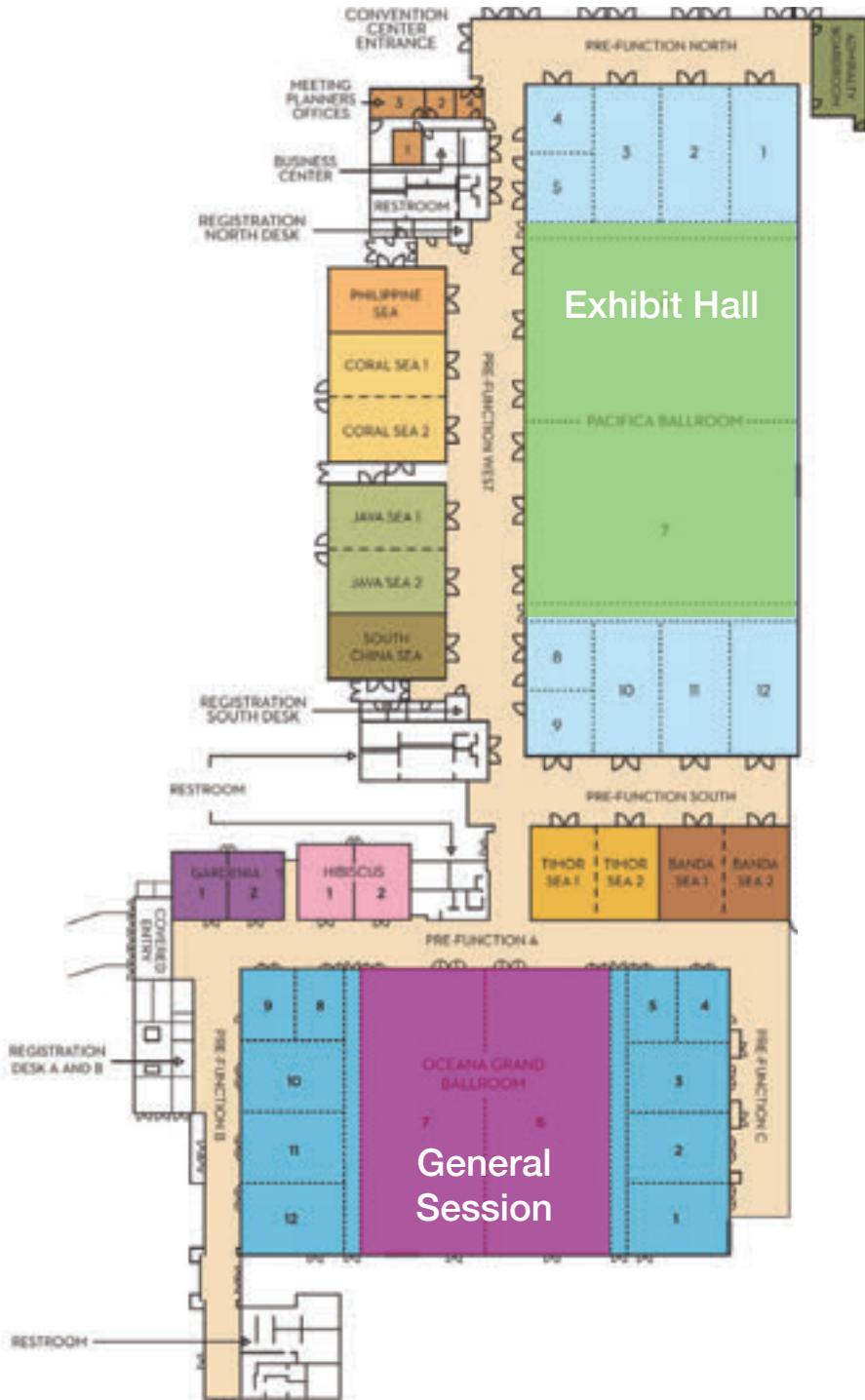


CTPOMD.COM



Hilton Gottschalk, MD (Hand & Upper Extremity), **Catherine Sargent, MD** (Sports Medicine), **Brian Kaufman, MD** (Spine & Neuromuscular), **Matt Ellington, MD** (Sports Medicine), **Kirsten Ross, MD** (Spine & Neuromuscular), **Jay Shapiro, MD** (Spine), **Kathleen Rickert, MD** (Limb Lengthening, Foot & Ankle), **John Heydemann, MD** (Neuromuscular, Foot & Ankle),

20th Annual IPOS®
LOEWS MEETING SPACE



 **Advanced Practice Providers**

Wednesday, December 4

12:45 PM–2:00 PM

APP Breakout 1: Backbone Breakthroughs:
Advancing Pediatric Spine Care

Thursday, December 5

2:30 PM–4:00 PM

APP Breakout 2: Pediatric Trauma: Tackling
Challenges and Finding Strength

Friday, December 6

8:05 AM–9:20 AM

APP Breakout 3: Hot Topics in Orthopedics:
Innovation and Pre-Operative Trends

 **Essentials of Pediatric Orthopaedics**

Wednesday, December 4

12:45 PM–2:00 PM

CME Breakout 1: Essentials of Pediatric
Orthopaedics I

Thursday, December 5

12:45 PM–2:00 PM

CME Breakout 2: Essentials of Pediatric
Orthopaedics II

Saturday, December 7

9:40 AM–10:55 AM

CME Breakout 4: Essentials of Pediatric
Orthopaedics III

 **Foot**

Wednesday, December 4

12:45 PM–2:00 PM

CME Breakout 1: Ponseti Casting (Hands-on)

Wednesday, December 4

2:30 PM–3:30 PM

Ponseti on the Go

Thursday, December 5

12:45 PM–2:00 PM

CME Breakout 2: Congenital Vertical Talus:
Topic Update and Hands-on Casting

Thursday, December 5

2:30 PM–4:00 PM

Concurrent Session 2: Why Can Flatfeet Be So
Complicated?!

 **General Pediatric
Orthopaedics/Trauma**

Wednesday, December 4

8:05 AM–10:05 AM

General Session 1: Mastering Call in Pediatric
Orthopaedics

Wednesday, December 4

12:45 PM–2:00 PM

CME Breakout 1: Osteomyelitis and Bone Tumor

Thursday, December 5

8:05 AM–10:05 AM

General Session 2: Multidisciplinary, Complex
Problems in Children—Spina Bifida, Amputations,
and Under-Served and Under-Resourced

Friday, December 6

12:30 PM–2:50 PM

General Session 3: Author's Preferred
Techniques

 **Hand & Upper Extremity**

Wednesday, December 4

12:45 PM–2:00 PM

CME Breakout 1: We've Got to Hand It to You:
Upper Limb Conditions That Will Show up in the
Clinic (Case-Based Discussion)

Thursday, December 5

2:30 PM–4:00 PM

Concurrent Session 2: Cool Strategies for Hot
and Cold Pediatric Upper Extremity Trauma

Friday, December 6

8:05 AM–9:20 AM

CME Breakout 3: Pinning an Elbow (Hands-on)



Hip

Wednesday, December 4

2:30 PM–4:00 PM

Concurrent Session 1: Twist and Shout:
Unraveling the Rotational Mysteries of the Hip

Thursday, December 5

12:45 PM–2:00 PM

CME Breakout 2: Pelvic Osteotomies Part One:
Salter, Pemberton, Dega, San Diego (Hands-on)

Thursday, December 5

2:30 PM–3:30 PM

Pavlik on the Go

Friday, December 6

8:05 AM–9:20 AM

CME Breakout 3: Pelvic Osteotomies Part Two:
Triple, PAO (Hands-on)

Saturday, December 7

9:40 AM–10:55 AM

CME Breakout 4: Foundations in Hip Dysplasia:
Get to Know the Villains



Neuromuscular & Cerebral Palsy

Wednesday, December 4

2:30 PM–4:00 PM

Concurrent Session 1: Total Patient Care: The
Complex Neuromuscular Spine

Friday, December 6

8:05 AM–9:20 AM

CME Breakout 3: Neuromuscular Gait Analysis
for Non-CP Conditions

Saturday, December 7

8:05 AM–9:35 AM

Concurrent Session 4: CP Hip Surveillance and
CP-Like Conditions



Spine

Thursday, December 5

12:45 PM–2:00 PM

CME Breakout 2: Workup and Treatment
Decision-Making for AIS

Thursday, December 5

2:30 PM–3:30 PM

Halo on the Go

Friday, December 6

8:05 AM–9:20 AM

CME Breakout 3: Current Surgical Controversies
in AIS



Sports

Wednesday, December 4

12:45 PM–2:00 PM

CME Breakout 1: Mastering MPFL
Reconstruction: A Hands-on Session

Friday, December 6

9:50 AM–11:20 AM

Concurrent Session 3: Pediatric Sports
Controversies: If It's Your Child, What Do You Do?

Saturday, December 7

9:40 AM–10:55 AM

CME Breakout 4: Coronal and Transverse
Malalignment in Pediatric Patellofemoral Instability



Lower Extremity/Deformity

Thursday, December 5

12:45 PM–2:00 PM

CME Breakout 2: Unlocking the Congenital Knee

Friday, December 6

9:50 AM–11:20 AM

Concurrent Session 3: Basics of Lower
Extremity Deformity Analysis



Mid-Career

Friday, December 6

8:05 AM–11:20 AM

Practicing PediPod

Saturday, December 7

7:30 AM–9:35 AM

Practicing PediPod

Tuesday, December 3

3:00 PM–4:45 PM

Oceana Grand 6-7

Arabella Leet Residents & Fellows Forum

Sponsored by Shriners Children's™

Chair: Jennifer Laine, MD

Panelists: Jaysson Brooks, MD; Jaime Rice Denning, MD; Thomas McPartland, MD; Jonathan Schoenecker, MD, PhD; Lindley Wall, MD, MSc

This engaging and educational forum is in honor and memory of Dr. Arabella Leet's career and contributions. Dr. Leet improved the lives of children through personal and systemic efforts to provide high-quality and safe pediatric musculoskeletal care. This Forum, sponsored by Shriners Children's™, is an opportunity for all to attend an exciting case competition. The top eight cases are presented by this year's scholarship winners with stimulating discussion from IPOS® faculty and instructors. Attend to demonstrate your trivia knowledge for prizes and fun!



3:00 PM–3:25 PM

Welcome & Introduction

3:26 PM–4:45 PM

Case Presentations & Trivia Competition



4:55 PM–5:55 PM

Oceana Grand 6-7

Career Planning and Professional Development

Sponsored by Medtronic

Chair: Jennifer Laine, MD

This high-yield session is designed for orthopaedic trainees to learn key strategies to embark successfully on the path ahead of them. Leaders within POSNA will engage the audience with pearls on how to find a job and build a practice. They will discuss methods for finding time for discovery and opportunities for service. They will offer approaches for continued professional development and staying balanced with life inside and outside of the hospital. The presentations will be followed by a robust question and answer session. This is a tremendous opportunity to ask questions of these remarkable pediatric orthopaedic leaders!



4:55 PM–4:59 PM

Welcome & Introduction

Angela Bizzarri, Medtronic Senior Global Physician Relations Program Manager
CST Strategic Partnerships

5:00 PM–5:06 PM

How (and When) Do I Find a Job?

Jeffrey Sawyer, MD

5:07 PM–5:13 PM

How Do I Build a Busy Practice?

Lindsay Andras, MD

5:14 PM–5:20 PM

How Do I Find the Support and Time for Research?

Henry Ellis, MD

5:21 PM–5:27 PM

How Do I Continue to Improve Surgically?

Lindley Wall, MD, MSc

- 5:28 PM–5:34 PM **How and Why Should I Become Involved in Professional Organizations?**
Todd Milbrandt, MD

- 5:35 PM–5:41 PM **How Do I Manage Time and Energy – In and Out of the Hospital?**
Woody Sankar, MD

- 5:42 PM–5:55 PM **Questions and Answers**
Jennifer Laine, MD
Jeffrey Sawyer, MD
Lindsay Andras, MD
Henry Ellis, MD
Lindley Wall, MD, MSc
Todd Milbrandt, MD
Woody Sankar, MD
Angela Bizzarri, Medtronic

- 6:00 PM–6:15 PM **Mingle with Medtronic**



6:30 PM–7:45 PM Oceana Grand 2-5

OrthoPediatrics Pre-Course: Innovation - Bringing Creative Solutions from Ideas to Reality

Sponsored by OrthoPediatrics

During your career, you will have many ideas to improve the way we work, whether this is a better way to fix a fracture, find a pedicle, or some other way to help us help our patients. Innovation is a fascinating process and has brought us technology such as MRI, locking screws, and physéal tethering, among many other improvements we now take for granted. While we think the process of innovation involves a eureka moment, more commonly it involves a disciplined search for a solution to a problem. We will discuss this process of innovation: needs finding, brainstorming and iteration, and where you go from there. We will introduce a few of the modern innovations and, together with the audience, discuss problems we would all like solved.

- Peter Stevens, MD**
Emeritus Professor, Department of Orthopedics, University of Utah

- Scott Lasater, MS**
Vice President of Innovation and Performance Improvement, OrthoPediatrics President, Lasater Institute

- Fady Rayes, MS**
Vice President of Product Development, Pega Medical (Now OrthoPediatrics)

- Scott Hoffinger, MD, MS**
Medical Director, OrthoPediatrics

7:50 PM–9:00 PM **Reception Sponsored by OrthoPediatrics**
Java Sea

Wednesday DAILY SCHEDULE

Wednesday, December 4

7:00 AM–8:00 AM **Breakfast and Exhibits**
Pacifica 6-7

GENERAL SESSION 1

8:05 AM–10:05 AM **Oceana Grand 6-7**

Mastering Call in Pediatric Orthopaedics

Moderator: Jonathan Schoenecker, MD, PhD
eModerator: Nicholas Fletcher, MD



Scan to compete!

You won't want to miss the Mastering Call in Pediatric Orthopaedics session. This year's course will provide a comprehensive overview of what it takes to care for pediatric orthopaedic injuries, including critical concepts such as the role of the periosteum in pediatric fractures and the pathophysiology behind complications such as pulmonary embolus and necrotizing fasciitis. Our course will be structured into three sessions that will cover the basics of the periosteum and how to use it in diagnosing and treating fractures, managing injuries to vital structures around fractures, and understanding the acute phase response in both severely injured and infected patients. We will be using interactive technology that allows learners to participate throughout the session by answering questions on their mobile devices, making this an engaging and immersive learning experience.

As experienced educators in pediatric orthopedics, we are passionate about delivering a high-quality educational experience that will be valuable to your clinical practice. We have received great feedback from previous learners, who have found our content to be relevant, engaging, and useful in their everyday work.

7:45 AM–8:00 AM **Onboarding**

8:00 AM–8:05 AM **Welcome & Introduction**
Director: Derek Kelly, MD

8:05 AM–8:10 AM **Periosteum: Your Raison D'Être**
Jonathan Schoenecker, MD, PhD

8:11 AM–8:15 AM **Introduction to App**
Moderator: Jonathan Schoenecker, MD, PhD

8:16 AM–8:22 AM **Reduction of Forearm/ Distal Radius: Leverage Periosteum**
Alexandre Arkader, MD

8:23 AM–8:30 AM **Supracondylar Humerus Fractures: Understanding Bruises and Tears**
Jennifer Laine, MD

8:31 AM–8:38 AM **Lateral Condyle and Femoral Neck: What if There Isn't Any Periosteum?**
Nicholas Fletcher, MD

8:39 AM–8:56 AM **Quiz 1/Survey Discussion**
Alexandre Arkader, MD
Jennifer Laine, MD
Nicholas Fletcher, MD

8:57 AM–9:05 AM **Collateral Damage: Nerve and Vessel (SCHFx)—What Keeps You Up at Night?**
Lindley Wall, MD, MSc

9:06 AM–9:14 AM **Collateral Damage: Physeal Bar (Distal Femur)—The Orthopaedic Annuity**
Jennifer Bauer, MD

9:15 AM–9:28 AM **Quiz 2/survey Discussion**
Lindley Wall, MD, MSc
Jennifer Bauer, MD

9:29 AM–9:37 AM **Collateral Damage: MSOD/Infection**
Jonathan Schoenecker, MD, PhD

Wednesday
DAILY SCHEDULE

9:38 AM–9:45 AM **Collateral Damage: Infection**
Thomas McPartland, MD

9:46 AM–9:50 AM **Final Quiz**
Moderator: Jonathan Schoenecker, MD, PhD

9:50 AM–10:05 AM **Review**
Moderator: Jonathan Schoenecker, MD, PhD

10:10 AM–10:30 AM **Break and Exhibits**
Pacifica 6-7

10:35 AM–11:35 AM **Industry Spotlight Sessions 1 (non-CME)**
See page 26 for details

11:40 AM–12:40 PM **Lunch and Exhibits**
Pacifica 6-7

12:10 PM–12:40 PM **Lunchtime Career Development**
Pacifica 6-7

CME BREAKOUT 1



12:45 PM–2:00 PM Oceana Grand 6-7

Essentials of Pediatric Orthopaedics I

Moderator: Christine Ho, MD

This session covers a variety of pediatric orthopaedic topics and is geared toward residents, fellows, and newer advanced practice providers who desire a strong foundational knowledge and strategy to synthesize clinical data into appropriate treatment plans.

12:45 PM–12:50 PM **Common Overuse Injuries in the Young Athlete**
Scott McKay, MD

12:51 PM–12:56 PM **Female Athlete Triad: Recognition and Management**
Craig Louer Jr., MD

12:57 PM–1:05 PM **Discussion**
Scott McKay, MD
Craig Louer Jr., MD

1:05 PM–1:10 PM **Infantile DDH: Outpatient Management**
Kishore Mulpuri, MBBS, MS, MHSc, FRCSC

1:11 PM–1:16 PM **Perthes Disease: Nonoperative Management**
Thomas McPartland, MD

1:17 PM–1:22 PM **FAI: Nonoperative Management**
Woody Sankar, MD

1:23 PM–1:31 PM **Discussion**
Kishore Mulpuri, MBBS, MS, MHSc, FRCSC
Thomas McPartland, MD
Woody Sankar, MD

1:32 PM–1:37 PM **Upper Extremity Physeal Fractures**
Christine Ho, MD

1:38 PM–1:43 PM **Lower Extremity Physeal Fractures**
John Lovejoy III, MD

1:44 PM–1:49 PM **Post-traumatic Growth Arrest: Recognition and Management**
Manoj Ramachandran, MD, FRCS (Orth)

1:50 PM–2:00 PM **Discussion**
Christine Ho, MD
John Lovejoy III, MD
Manoj Ramachandran, MD, FRCS (Orth)

CME BREAKOUT 1

12:45 PM–2:00 PM

Pacifica 8-10



We've Got to Hand It to You: Upper Limb Conditions That Will Show up in the Clinic (Case-Based Discussion)

Come join to understand the treatment of common non-traumatic upper limb conditions we all face!

12:45 PM–12:48 PM **Introduction**
Donald Bae, MD
Lindley Wall, MD, MSc

12:50 PM–1:07 PM Trigger Digits

Moderator: Lindley Wall, MD, MSc

12:50 PM–12:55 PM **Trigger Thumb: When to Operate and Asleep?**
Andrea Bauer, MD

12:56 PM–1:01 PM **Trigger Fingers: How Much to Do?**
Sebastian Farr, MD

1:02 PM–1:07 PM **Discussion**
Lindley Wall, MD, MSc
Andrea Bauer, MD
Sebastian Farr, MD

1:09 PM–1:37 PM Radioulnar Synostosis

Moderator: Donald Bae, MD

1:09 PM–1:14 PM **Diagnosis and Functional Implications**
Donald Bae, MD

1:15 PM–1:20 PM **Surgical Treatment: Osteoclasts Technique**
Sebastian Farr, MD

1:21 PM–1:26 PM **Surgical Treatment: Synostosis Osteotomy Technique**
Andrea Bauer, MD

1:27 PM–1:37 PM **Discussion**
Donald Bae, MD
Sebastian Farr, MD
Andrea Bauer, MD

1:39 PM–2:00 PM CP Wrist

Moderator: Lindley Wall, MD, MSc

1:39 PM–1:44 PM **Presentation and Assessment of CP Wrist Deformity**
Donald Bae, MD

1:45 PM–1:50 PM **Treatment Options for Wrist Deformity**
Sebastian Farr, MD

1:51 PM–2:00 PM **Discussion**
Lindley Wall, MD, MSc
Donald Bae, MD
Sebastian Farr, MD

CME BREAKOUT 1

12:45 PM–2:00 PM

Banda Sea



Ponseti Casting (Hands-on)

Moderator: Maryse Bouchard, MD, MSc

An introduction to the Ponseti method followed by a hands-on Ponseti casting and tenotomy lab with ample opportunity to learn and practice.

12:45 PM–12:40 PM **Clubfoot Ponseti Video-Casting Technique and Principles**
Derek Kelly, MD

12:41 PM–12:46 PM **5 Things to Do When Faced With a Complex Clubfoot**
Vishwas Talwalkar, MD

12:47 PM–12:53 PM **5 Things That Can Lead to Pitfalls When Casting Clubfeet**
Jaime Rice Denning, MD

12:54 PM–12:59 PM **5 Things to Do to Run the Optimal Clubfoot Clinic**
Anthony Riccio, MD

Wednesday
DAILY SCHEDULE

1:00 PM–1:05 PM **5 Things to Do to Get the Best Results With Foot Abduction Bracing**
 Kenneth Noonan, MD

1:06 PM–2:00 PM **Hands-on Instruction Hands-on Faculty:**
 L. Reid Nichols, MD
 Derek Kelly, MD
 Vishwas Talwalkar, MD
 Jaime Rice Denning, MD
 Anthony Riccio, MD
 Kenneth Noonan, MD
 Maryse Bouchard, MD, MSc

12:54 PM–1:00 PM **Osteomyelitis and Septic Arthritis—Strategies to Minimize Need for Reoperation and Considerations When It Is Necessary**
 Jeffrey Sawyer, MD

1:01 PM–1:07 PM **Osteomyelitis in Pressure Ulcers—The Orthopaedists Role and How to Minimize Recurrence**
 M. Wade Shrader, MD

1:08 PM–1:16 PM **Discussion**
 Jonathan Schoenecker, MD, PhD
 Michael Glotzbecker, MD
 Jeffrey Sawyer, MD
 M. Wade Shrader, MD

CME BREAKOUT 1

12:45 PM–2:00 PM Pacifica 3-5



Osteomyelitis and Bone Tumor

Moderator: Mihir Thacker, MD
Moderator: Alexandre Arkader, MD

Infections and tumor are common in pediatric orthopaedics. Understanding basic concepts of diagnosis and management can help optimize patient management and outcomes. This session will be divided between how to diagnose and treat infections from simple to complex and some highlights of bone tumors from cysts to malignancies.

1:17 PM–1:24 PM **Differentiating Between Infection and Tumors—Diagnostic Techniques**
 Craig Ebersson, MD

1:25 PM–1:32 PM **Surgical Management of Benign Cysts—What to Pick From the Smorgasborg of Bone Grafts**
 Mihir Thacker, MD

12:45 PM–12:47 PM **Introduction**
 Moderator: Alexandre Arkader, MD

1:33 PM–1:40 PM **Pediatric Bone Malignancy for the General Practitioner—The Eye Sees What the Mind Knows**
 Alexandre Arkader, MD

12:38 PM–12:45 PM **Laboratory and Radiographic Evaluation of Musculoskeletal Infection in 2024**
 Jonathan Schoenecker, MD, PhD

1:41 PM–1:48 PM **Leukemia and Lymphoma—How It Presents and How Not to Miss It**
 Deborah Eastwood, FRCS

12:46 PM–12:53 PM **Osteomyelitis—Surgical Management Options From Decompression to Masqualet**
 Michael Glotzbecker, MD

1:49 PM–2:00 PM **Discussion**
 Craig Ebersson, MD
 Mihir Thacker, MD
 Alexandre Arkader, MD
 Deborah Eastwood, FRCS



CME BREAKOUT 1

12:45 PM–2:00 PM

Timor Sea

Mastering MPFL Reconstruction: A Hands-on Session

Moderator: Javier Masquijo, MD

Join us for an interactive session where the mastery of MPFL reconstruction is not merely discussed but experienced firsthand. Engage with leaders in the field as they share their expertise, providing valuable insights and practical knowledge to enhance your skills in addressing patellar instability.

12:45 PM–12:47 PM **Opening Remarks**
Javier Masquijo, MD

12:48 PM–12:53 PM **Anatomy and Biomechanics of Medial Restraints**
Kevin Shea, MD

12:54 PM–12:59 PM **Key Considerations in Preoperative Assessment for Patellofemoral Instability**
Matthew Schmitz, MD

1:00 PM–1:02 PM **Pearls to Avoid Complications: Room Set-up**
Crystal Perkins, MD

1:03 PM–1:05 PM **Pearls to Avoid Complications: MPFL Femoral Fixation**
Eric Edmonds, MD

1:06 PM–1:08 PM **Pearls to Avoid Complications: MPFL Patellar Fixation**
Henry Ellis, MD

1:09 PM–1:11 PM **Pearls to Avoid Complications: MQTFL Quads Fixation**
Javier Masquijo, MD

1:12 PM–1:14 PM **Pearls to Avoid Complications: MPFL Graft Tensioning**
Jennifer Beck, MD

1:15 PM–1:17 PM **Pearls to Avoid Complications: Postoperative Management and RTP**
Franck Accadbled MD, PhD

1:18 PM–2:00 PM **Hands-on Exercise Hands-on Faculty:**
Javier Masquijo, MD
Matthew Schmitz, MD
Crystal Perkins, MD
Eric Edmonds, MD
Henry Ellis, MD
Kevin Shea, MD
Jennifer Beck, MD
Franck Accadbled, MD, PhD
Scott McKay, MD

APP BREAKOUT



12:45 PM–2:00 PM **Oceana Grand 2-5**

Backbone Breakthroughs: Advancing Pediatric Spine Care

Moderator: Valerie Parrish, PA-C

Enhance your Pediatric Spine knowledge during this breakout session. Learn about Pediatric Spine Safety and tools to help manage patient complications both intraoperatively and postoperatively. Discover how advancements are reshaping treatments and improving outcomes for our youngest patients.

12:45 PM–12:52 PM **Spine Safety: Stand Tall, Fall Small**
John (Jack) Flynn, MD

12:53 PM–1:00 PM **Straightening Spines, Uplifting Minds: Mental Health in Scoliosis Patients**
Amber Mizerik, PA-C

Wednesday
DAILY SCHEDULE

- 1:01 PM–1:08 PM **Halo Airway Response: Rapid Lifesaving Action!**
 Colleen Ditro, DNP, CPNP
- 1:09 PM–1:16 PM **Racing Towards Recovery: ERAS Protocols in Pediatric Scoliosis Care**
 Nicole Tweedy, RN, CPNP
- 1:17 PM–1:27 PM **Discussion**
 Colleen Ditro, DNP, CPNP
 Amber Mizerik, PA-C
 John (Jack) Flynn, MD
 Nicole Tweedy, RN, CPNP
- 1:28 PM–1:35 PM **Tiny Spines, Big Solutions: Evaluation and Management of Early Onset Scoliosis**
 Morgan McCarver, PA-C
- 1:36 PM–1:42 PM **Disc–overing the Source of the Problem: Evaluation of Back Pain**
 Craig Louer Jr., MD
- 1:43 PM–1:50 PM **“Oh, Oh, Oh it’s MAGEC”: The Pearls and Pitfalls of MAGEC Rods**
 Sarah Gilday MS, PA-C
- 1:51 PM–2:00 PM **Discussion**
 Morgan McCarver, PA-C
 Craig Louer Jr., MD
 Sarah Gilday MS, PA-C

2:05 PM–2:25 PM **Break and Exhibits**
Pacifica 6-7



CONCURRENT SESSION 1

2:30 PM–4:00 PM **Oceana Grand 2-5**



Twist and Shout: Unraveling the Rotational Mysteries of the Hip

Moderator: Philip McClure, MD
eModerator: Jonathan Schoenecker, MD, PhD

The overarching aim of this session is to foster a deeper integration and understanding among specialists who focus on hip-specific issues with a central theme of acetabular and femoral version. By offering a detailed exploration of both normal and abnormal rotational dynamics of the hip and lower extremities, we seek to illuminate the intricate interplay between hip rotation issues—including variations in femoral and acetabular version—and their significant repercussions on hip health.

2:30 PM–2:33 PM **Introduction**
 Moderator: Philip McClure, MD

2:35 PM–3:04 PM Form Follows Function: Femoral and Acetabular Torsion Relative to Function

2:35 PM–2:42 PM **Normal Rotational Development of the Femur and Acetabulum From Birth to Skeletal Maturity**
 Simon Kelley, MBChB, PhD, FRCS

2:43 PM–2:50 PM **Clinical and Radiographic Evaluation Techniques for Rotational Abnormalities in the Lower Extremity**
 V. Salil Upasani, MD

2:51 PM–2:58 PM **Normal Gait and Sitting With a Focus on Hip and Acetabular Rotation**
 James McCarthy, MD

Wednesday
DAILY SCHEDULE

2:59 PM–3:04 PM **Discussion**
Simon Kelley, MBChB, PhD, FRCS
V. Salil Upasani, MD
James McCarthy, MD

3:52 PM–3:57 PM **Discussion**
David Podeszwa, MD
Mihir Thacker, MD

3:06 PM–3:35 PM Addressing Hip Pathology Arising from Rotational Deformities

3:58 PM–4:00 PM **Closing Remarks**
eModerator:
Jonathan Schoenecker, MD, PhD

3:06PM–3:13 PM **Pathological Rotational Alignment of Acetabulum Causing Hip Problems: Focus on DDH and FAI**
Ira Zaltz, MD

CONCURRENT SESSION 1

2:30 PM–4:00 PM Oceana Grand 6-7



Total Patient Care: The Complex Neuromuscular Spine

Moderator: M. Wade Shrader, MD
e-Moderator: Michael Vitale, MD

3:14 PM–3:21 PM **Pathological Rotational Alignment of Femur Causing Hip Problems Transverse Plane: Focus on DDH and FAI**
Woody Sankar, MD

Learn how pediatric orthopaedic surgeons work collaboratively with each other and with other specialists to optimally care for patients with underlying neuromuscular disease. An interactive session with debates and with a special section dedicated to the hearing about the journey of a young adult with cerebral palsy.

3:22 PM–3:29 PM **Pathological Rotational Alignment of Femur Causing Hip Problems Coronal Plane: Focus on DDH and FAI**
Nicholas Fletcher, MD

2:30 PM–2:31 PM **Introduction**
Moderator: M. Wade Shrader, MD

3:30 PM–3:35 PM **Discussion**
Ira Zaltz, MD
Woody Sankar, MD
Nicholas Fletcher, MD

2:32 PM–2:37 PM **What the NM Spine Surgeon Needs to Remember About the Hip and Pelvis**
Vedant Kulkarni, MD

3:37 PM–3:57 PM When the Hip Has Gone Missing

2:38 PM–2:43 PM **What the SEMLS Surgeon Need to Remember About the Spine**
Jaysson Brooks, MD

3:37 PM–3:44 PM **Proximal Femoral Focal Deficiency: When There Is Hope: TYPE A/B**
David Podeszwa, MD

2:44 PM–2:46 PM **Debate: Which Comes First: Scoliosis or SEMLS**
Ron El-Hawary, MD, MSc, FRCS(C)

3:45 PM–3:52 PM **Proximal Femoral Focal Deficiency: When There Is No Hope: TYPE C/D**
Mihir Thacker, MD

2:47 PM–2:52 PM **Scoliosis Surgery Comes First**
Suken Shah, MD

Wednesday
DAILY SCHEDULE

2:53 PM–2:58 PM **SEMLS Comes First**
Jason Howard, MD,
FRCS(C)

2:59 PM–3:09 PM **Resolution and Discussion**
Vedant Kulkarni, MD
Jaysson Brooks, MD
Ron El-Hawary, MD, MSc,
FRCS(C)
Suken Shah, MD
Jason Howard, MD,
FRCS(C)

3:10 PM–4:00 PM **Total Care of the Complex Neuromuscular Spine Patient: A Multi-disciplinary Approach**

Moderator: Ron El-Hawary, MD, MSc, FRCS(C)
e-Moderator: M. Wade Shrader, MD

3:10 PM–3:15 PM **Pre-Op Work up for Complex Neuromuscular Patients**
Rachel Thompson, MD

3:16 PM–3:21 PM **Tone Management in the Perioperative Period**
Jennifer Laine, MD

3:22 PM–3:27 PM **Preventing and Managing Post-Op Medical Issues**
Benjamin Shore, MD

3:28 PM–3:33 PM **NM Disease—A Hospitalist's Perspective**
Syed Arshad Ali, MD

3:34 PM–3:42 PM **Discussion**
Rachel Thompson, MD
Jennifer Laine, MD
Benjamin Shore, MD
Syed Arshad Ali, MD

3:43 PM–3:53 PM **NM Disease—A Family's Perspective**
Benjamin Shrader

3:54 PM–4:00 PM **Discussion**
Rachel Thompson, MD
Jennifer Laine, MD
Benjamin Shore, MD
Syed Arshad Ali, MD
Benjamin Shrader

2:30 PM–3:30 PM South China Sea

Ponseti on the Go (Hands-on)

Refine your Ponseti skills with this hands-on casting lab with coaches at each station.



Hands-on Faculty:

L. Reid Nichols, MD
Javier Masquijo, MD
Maryse Bouchard, MD, MSc
Jaime Rice Denning, MD
Deborah Eastwood, FRCS
Vishwas Talwalkar, MD
Kenneth Noonan, MD
Derek Kelly, MD
Anthony Riccio, MD

4:05 PM–5:05 PM **Industry Spotlight Sessions 2 (non-CME)**
See page 27 for details

5:10 PM–6:10 PM Happy Hour in the Hall Pacifica 6-7



Industry Spotlight Session 1

Wednesday, December 4, 2024

10:35 AM-11:35 AM

Johnson & Johnson MedTech

Banda Sea

Complex Spine: Optimizing AIS Correction

Craig Louer Jr., MD; Ryan Fitzgerald, MD; and Firoz Miyanji, MD, FAAOS

Join our expert panel for a discussion on critical considerations for optimizing correction in AIS. This dynamic discussion will be complemented with hands-on opportunities of spinal rod contouring.

OrthoPediatrics

Java Sea

Rigid Tibial Nailing in the Skeletally Immature Patient: What We've Learned So Far

Mark Seeley, MD

There have been changes over time in the age at which surgeons are comfortable using rigid intramedullary nails in skeletally immature patients. This session will review the literature, clinical guidelines, and real-life practice of an expert panel. Does published literature support current practice and how should you determine the best surgical option?

Arthrex, Inc.

Timor Sea

Managing Anterior Cruciate Ligament (ACL) Injuries

Eric Edmonds, MD and Kevin Shea, MD

Immerse yourself in an engaging discussion guided by expert faculty and focused on managing ACL injuries in adolescent patients. Gain valuable insights and hands-on experience in a dry lab session where you'll have the exclusive opportunity to try out the first and only FDA-cleared device designed specifically for pediatric ACL surgery.

Orthofix

Coral Sea

Pre-Operative Planning for Limb Deformity Correction

David Frumberg, MD, FAAOS and Phillip McClure, MD

Please join us as we focus on the advanced techniques and tools used in planning surgeries to correct limb deformities. The symposium will showcase the newly enhanced Orthofix software, a sophisticated digital platform designed to aid in precise pre-operative planning for deformity correction procedures. Participants will gain insights into how this software integrates with the TL-HEX system, improving surgical outcomes through detailed virtual modeling and accurate alignment parameters. The symposium aims to highlight innovations in orthopaedic planning, enhance understanding of complex deformity correction, and facilitate discussions on best practices for using cutting-edge technology in surgical planning.

Stryker

Pacifica 8-10

Surgical Confidence and Safety: Operating With Novel Smart Features When Utilizing Next Generation Guidance

Stephen George, MD

Join Dr. Stephen George as he showcases Stryker's pedicle screw systems used with Spine Guidance 5 Software featuring Copilot and Airo TruCT to provide a procedural solution for instrumenting pediatric spinal deformities. This interactive session will feature a hands-on demonstration with the technology following the didactic presentation.

BioMarin Pharmaceutical Inc.

Pacifica 3-5

A Deeper Look into Achondroplasia

Cathleen Raggio, MD

This educational program, led by a clinical expert in achondroplasia, will seek to answer questions including:

- What is the underlying cause of impaired bone growth in achondroplasia?
- How does impaired bone growth lead to multisystemic complications throughout life?
- Who should be involved in monitoring and caring for individuals with achondroplasia?

Industry Spotlight Session 2

4:05 PM-5:05 PM

OrthoPediatics
Java Sea**The Future is Bioresorbable: Innovative Implant Materials in Pediatrics**

Scott Rosenfeld, MD, FAAP and Luis Moraleda Novo, MD, PhD

Bioabsorbable implants have distinct advantages over their metallic counterparts in the pediatric population and there have been many advancements over the last several years. This session provides a view to the future of what materials and implants will change the course of pediatric orthopaedics over the next several years from materials experts and users in the pediatric ortho community.

Johnson & Johnson MedTech
Pacifica 3-5**Resilience in Orthopaedics: Mastering Stress, Embracing Innovation**

Kristin Cola, DO; and K. Kellie Leicht, MD

Please join our expert panel for an interactive discussion focused on Resilience in Orthopaedics. Topics will cover a range of topics designed to equip participants with strategies for managing stress and avoiding burnout. This dynamic session encourages active participation, providing an exciting opportunity to ask questions, share insights, and collaborate.

OrthoPediatics
Coral Sea**Launching Your Surgical Career: Essential Steps to Start Strong**

Jennifer Bauer, MD, MS; Anthony Catanzano Jr., MD; Jaysson Brooks, MD; Christina Hardesty, MD

This industry workshop will focus on early to mid-career surgeons. During the session, the critical steps to excel will be examined by a panel of esteemed surgeons who have the recipe for success—Drs. Jennifer Bauer, Anthony Catanzano, and Jaysson Brooks, led by moderator Dr. Christina Hardesty. We will cover topics such as building an efficient clinical practice, marketing your practice, operating room concerns, mentorship, and more!

Globus Medical
Timor Sea**From the Growing Spine to Fusion: Emphasizing the Toolbox in Pediatric Spinal Deformity Care**

Lindsay Andras, MD; Robert Cho, MD; Michael Glotzbecker, MD; and Robert Lark, MD, MS

Join our expert faculty for an immersive, hands-on session designed to explore cutting-edge advancements in pediatric deformity treatment technology. This engaging session will delve into the latest innovations, techniques, and tools that are helping to revolutionize the full spectrum of pediatric spinal deformity care.

Stryker
Pacifica 8-10**Planning Ahead: Optimizing Time in the OR**

Richard Menger, MD, MPA

Efficiency in the operating room (OR) is becoming more critical than ever. As patient populations continue to grow, the need for effective time management through improved preoperative planning has never been more vital. Join Dr. Richard Menger as he shares best practices for navigating complex cases and reveals strategies for optimizing efficiency in the OR.

HAPPY HOUR
IN THE HALL

Time to unwind after a long day.
Come to connect, stay for the refreshments.

Wednesday, December 4
5:10 PM-6:10 PM
Pacifica Ballrooms 6-7



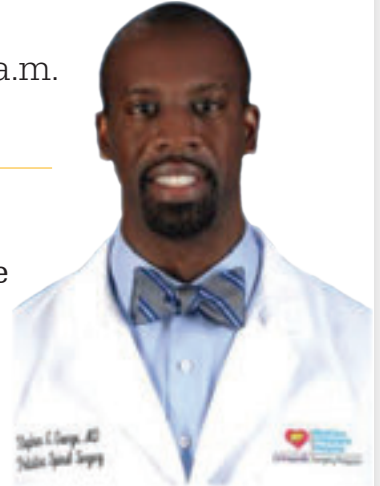


Surgical confidence and safety: Operating with novel smart features when utilizing next generation guidance

Wednesday, December 4, 2024 | 10:35 a.m.

Location: Pacifica 8-10

Join Dr. Stephen George as he showcases Stryker's pedicle screw systems used with Spine Guidance 5 Software featuring Copilot and Airo TruCT to provide a procedural solution for instrumenting pediatric spinal deformities.



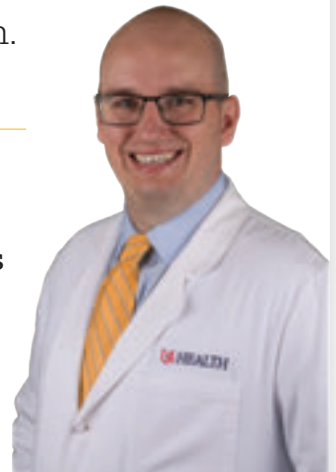
Faculty presenter: **Dr. Stephen George**

Planning ahead: Optimizing time in the OR

Wednesday, December 4, 2024 | 4:05 p.m.

Location: Pacifica 8-10

Efficiency in the OR is becoming increasingly more important. With patient populations on the rise, there has never been a better time to optimize one's time through enhanced pre-operative planning. Join our faculty as they discuss best practices for mapping out complex cases and hear how they prepare to maximize efficiency within the OR.



Faculty presenter: **Dr. Richard Menger**

Thursday
DAILY SCHEDULE

Thursday, December 5

7:00 AM–8:00 AM **Breakfast with Faculty and Exhibits**
Pacifica 6-7

GENERAL SESSION 2

8:05 AM–10:05 AM **Oceana Grand 6-7**



Multidisciplinary, Complex Problems in Children–Spina Bifida, Amputations, and Under-served and Under-resourced

Moderator: John (Jack) Flynn, MD
eModerator: Lindsay Andras, MD

Providing good care for complex patients with musculoskeletal conditions often requires comprehensive knowledge and a multidisciplinary approach. In this session, we will discuss three conditions or circumstances from the perspective of very subspecialized experts and examine where those areas of expertise intersect.

8:05 AM–8:05 AM **Opening Remarks**
 Director: Derek Kelly, MD

8:05 AM–8:52 AM Spina Bifida

8:05 AM–8:10 AM **Are Rates Declining? Implications for the Pediatric Orthopaedic Surgeon and How to Run the Most Effective SB Clinic**
 Jason Howard, MD, FRCS

8:11 AM–8:16 AM **Kyphectomy: How to Minimize Complications**
 Michael Vitale, MD

8:17 AM–8:22 AM **Upper Limb in Spina Bifida: When the UE Provider Gets Involved**
 Andrea Bauer, MD

8:23 AM–8:28 AM **The Spina Bifida Hip: When Do We Put It Back In?**
 Mihir Thacker, MD

8:29 AM–8:34 AM **Ways to Maximize Gait Through Lower Limb Surgery**
 L. Reid Nichols, MD

8:35 AM–8:40 AM **The Surgeon’s Role for Foot Pressure Sores: Synergy With the Wound Care Provider**
 Anthony Riccio, MD

8:41 AM–8:50 AM **Discussion**
 Jason Howard, MD, FRCS
 Michael Vitale, MD
 Andrea Bauer, MD
 Mihir Thacker, MD
 L. Reid Nichols, MD
 Anthony Riccio, MD

8:51 AM–9:28 AM Amputation

8:51 AM–8:56 AM **Reconstruction Strategies for the Mangled Pediatric Hand**
 Christine Ho, MD

8:57 AM–9:02 AM **Current Technology and the Future of UE Prosthesis... What Is Possible?**
 Lindley Wall, MD, MSc

9:03 AM–9:08 AM **Is Amputation Ever on the Mind of the Spine Surgeon?**
 Lindsay Andras, MD

9:09 AM–9:14 AM **LE Amputation 101**
 James McCarthy, MD

9:15 AM–9:20 AM **All About the Syme**
 Derek Kelly, MD

Thursday
DAILY SCHEDULE

9:21 AM–9:28 AM **Discussion**
Christine Ho, MD
Lindley Wall, MD, MSc
Lindsay Andras, MD
James McCarthy, MD
Derek Kelly, MD

9:29 AM–10:05 AM Under-Served and Under-Resourced

9:29 AM–9:34 AM **International Surgical Missions: How to Get Involved and Be Effective**
Kenneth Noonan, MD

9:35 AM–9:40 AM **Hand Surgery for the International Mission Surgeon**
Donald Bae, MD

9:41 AM–9:46 AM **Spine Surgery for the International Mission Surgeon**
Robert Cho, MD

9:47 AM–9:52 AM **Hip Surgery for the International Mission Surgeon**
Kishore Mulpuri, MBBS, MS, MHSc, FRCSC

9:52 AM–9:57 AM **Foot Surgery for the International Mission Surgeon**
Maryse Bouchard, MD, MSc

9:58 AM–10:05 AM **Discussion**
Kenneth Noonan, MD
Donald Bae, MD
Robert Cho, MD
Kishore Mulpuri, MBBS, MS, MHSc, FRCSC
Maryse Bouchard, MD, MSc

10:10 AM–10:30 AM **Break and Exhibits**
Pacifica 6-7

10:35 AM–11:35 AM **Industry Spotlight Sessions 3 (non-CME)**
See page 37 for details

11:40 AM–12:40 PM **Lunch and Exhibits**
Pacifica 6-7

12:10 PM–12:40 PM **Lunchtime Career Development**
Pacifica 6-7

CME BREAKOUT 2



12:45 PM–2:00 PM Oceana Grand 2-5

Essentials of Pediatric Orthopaedics II

Moderator: James McCarthy, MD

This session covers a variety of pediatric orthopaedic topics and is geared toward residents, fellows, and newer advanced practice providers who desire a strong foundational knowledge and strategy to synthesize clinical data into appropriate treatment plans.

12:45 PM–12:50 PM **Practice Management: EMR Efficiency Strategies**
Jeff Martus, MD, MS

12:51 PM–12:56 PM **Malnutrition in the Peds Ortho Patient: Diagnosis and Management**
Vishwas Talwalkar, MD

12:57 PM–1:02 PM **Management of Wounds and Pressure Ulcers: Outpatient Strategies**
James McCarthy, MD

1:03 PM–1:11 PM **Discussion**
Jeff Martus, MD, MS
Vishwas Talwalkar, MD
James McCarthy, MD

1:11 PM–1:16 PM **Spina Bifida 101: Orthotic Management**
Jason Howard, MD, FRCSC

1:17 PM–1:22 PM	Ambulatory Cerebral Palsy: Orthotic Management M. Wade Shrader, MD
1:23 PM–1:31 PM	Discussion Jason Howard, MD, FRCS M. Wade Shrader, MD
1:32 PM–1:36 PM	Initial Evaluation of the Limping Child Jaysson Brooks, MD
1:37 PM–1:41 PM	MSK Infection: Avoiding and Managing Complications Todd Milbrandt, MD
1:42 PM–1:46 PM	Not All Who Limp Have Infection Jaime Rice Denning, MD
1:47 PM–1:51 PM	Lumps, Bumps, and Odd X-Rays: When to Worry Mihir Thacker, MD
1:52 PM–2:00 PM	Discussion Jaysson Brooks, MD Todd Milbrandt, MD Jaime Rice Denning, MD Mihir Thacker, MD

CME BREAKOUT 2

12:45 PM–2:00 PM Timor Sea



Pelvic Osteotomies Part One: Salter, Pemberton, Dega, San Diego

Moderator: Jonathan Schoenecker, MD, PhD

12:45 PM–12:50 PM **Salter Osteotomy**
Simon Kelley, MBChB, PhD, FRCS

12:51 PM–12:56 PM **Dega/Pemberton Osteotomy**
Deborah Eastwood, FRCS

12:57 PM–1:02 PM	San Diego Acetabuloplasty V. Salil Upasani, MD
1:03 PM–1:09 PM	Short Case Review Jennifer Laine, MD
1:10 PM–2:00 PM	Table Instruction Hands-on Faculty: Simon Kelley, MBChB, PhD, FRCS Deborah Eastwood, FRCS V. Salil Upasani, MD Jennifer Laine, MD Jonathan Schoenecker, MD, PhD Ira Zaltz, MD

CME BREAKOUT 2



12:45 PM–2:00 PM Oceana Grand 6-7

Workup and Treatment Decision-Making for AIS

Moderator: Lindsay Andras, MD

Learn the fundamentals related to the etiology, assessment, evaluation, classification and treatment of adolescent idiopathic scoliosis.

12:45 PM–12:50 PM **Introduction**
Ron El-Hawary, MD, MSc, FRCS(C)

12:51 PM–12:56 PM **Genetics of AIS**
Robert Cho, MD

12:57 PM–1:02 PM **Tips on Clinical Evaluation of the Teenager with Scoliosis**
Nicholas Fletcher, MD

1:03 PM–1:08 PM **Radiographic Evaluation of AIS—Ruling out Non Idiopathic**
John (Jack) Flynn, MD

1:09 PM–1:14 PM **Radiographic Classification of AIS**
Craig Louer Jr., MD

Thursday
DAILY SCHEDULE

1:15 PM–1:25 PM **Discussion**
Ron El-Hawary, MD, MSc, FRCS(C)
Robert Cho, MD
Nicholas Fletcher, MD
John (Jack) Flynn, MD
Craig Louer Jr., MD

1:26 PM–2:00 PM Treatment of AIS

Moderator: Jeffrey Sawyer, MD

1:26 PM–1:31 PM **Scoliosis-Specific Exercise**
Michael Vitale, MD

1:32 PM–1:37 PM **Bracing in AIS**
Daniel Sucato, MD, MS

1:38 PM–1:43 PM **Current Indications for Growth Modulation Surgery**
Suken Shah, MD

1:44 PM–1:49 PM **Case Presentation—Bracing vs. Growth Modulation**
Lindsay Andras, MD

1:50 PM–2:00 PM **Discussion**
Michael Vitale, MD
Daniel Sucato, MD, MS
Suken Shah, MD
Lindsay Andras, MD

CME BREAKOUT 2

12:45 PM–2:00 PM Banda Sea



Congenital Vertical Talus: Topic Update and Hands-On Casting

Moderator: Maryse Bouchard, MD, MSc

This session will discuss current practices and controversies in CVT management and will provide a hands-on casting session for practice.

12:45 PM–12:48 PM **Welcome Remarks**
Moderator: Maryse Bouchard, MD, MSc

12:49 PM–12:56 PM **CVT—Making the Diagnosis and Initial Assessment**
Manoj Ramachandran, MD, FRCS (Orth)

12:57 PM–1:04 PM **Serial Casting Technique for CVT**
Maryse Bouchard, MD, MSc

1:05 PM–1:12 PM **Initial Surgical Management and Pinning the Talonavicular Joint**
Javier Masquijo, MD

1:13 PM–1:20 PM **What to Do When Initial Management Fails**
Anthony Riccio, MD

1:21 PM–2:00 PM **CVT Casting (Hands-on) Hands-On Faculty:**
John Lovejoy III, MD
Manoj Ramachandran, MD, FRCS (Orth)
Maryse Bouchard, MD, MSc
Javier Masquijo, MD
Anthony Riccio, MD
Derek Kelly, MD
Kenneth Noonan, MD
Vishwas Talwalkar, MD



CME BREAKOUT 2

12:45 PM–2:00 PM

Coral Sea



Unlocking the Congenital Knee

Moderator: Philip McClure, MD

Focus on the knee in regards to congenital instability of the tibiofemoral joint as it applies to CFD/FH as well as congenital instability and fixed dislocations of the patella in round table discussion format.

12:45 PM–12:47 PM

Introduction

Philip McClure, MD

12:48 PM–1:24 PM

Lengthening the Congenitally Unstable Knee: When and How

12:48 PM–1:03 PM

Congenitally Deficient Knee and Lengthening: Bridging Fixator

David Podeszwa, MD

1:04 PM–1:09 PM

Congenitally Deficient Knee and Lengthening: Prophylactic Ligament Reconstruction (SUPERKnee)

L. Reid Nichols, MD

1:09 PM–1:24 PM

Discussion

David Podeszwa, MD
L. Reid Nichols, MD
Alexandre Arkader, MD
Franck Accadbled MD, PhD

1:25 PM–1:59 PM

Congenital Patellofemoral Pathology: How to Approach a Broad Spectrum of Disease

1:25 PM–1:30 PM

Congenital Patellar Instability Treatment Considerations

Henry Ellis, MD

1:31 PM–1:36 PM

Congenital Dislocation of the Patella (Fixed and Dislocated) Treatment Considerations

Philip McClure, MD

1:37 PM–1:59 PM

Discussion

Henry Ellis, MD
Philip McClure, MD
L. Reid Nichols, MD
Matthew Schmitz, MD

1:59 PM–2:00 PM

Closing Remarks

Philip McClure, MD

2:05 PM–2:25 PM

Break and Exhibits

Pacifica 6-7

CONCURRENT SESSION 2

2:30 PM–4:00 PM

Oceana Grand 6-7



Why Are Some Flatfeet So Complicated?!

Moderator: Maryse Bouchard, MD, MSc

Tips and tricks for assessing and managing the complex flatfoot. What to do when a calcaneal lengthening isn't enough.

2:30 PM–2:32 PM

Welcome Remarks

Moderator: Maryse Bouchard, MD, MSc

2:33 PM–3:00 PM

Evaluating the Complex Flatfoot

Moderator: Maryse Bouchard, MD, MSc

2:33 PM–2:39 PM

Tips and Tricks for the Physical Exam and Radiographic Assessment

Vishwas Talwalkar, MD

2:39 PM–2:45 PM

When Should You Be Worried About Toddlers With Flatfeet?

Deborah Eastwood, FRCS

Thursday
DAILY SCHEDULE

2:46 PM–2:52 PM **When Does the Asymptomatic Flatfoot Deserve an Operation?**
L. Reid Nichols, MD

2:53 PM–3:00 PM **Questions With Panel**
Moderator: Maryse Bouchard, MD, MSc

3:01 PM–3:30 PM **The Flatfoot With a Tarsal Coalition**
Moderator: Anthony Riccio, MD

3:01 PM–3:07 PM **Algorithm for Management of the Flatfoot With a Calcaneonavicular Coalition**
Jaime Rice Denning, MD

3:08 PM–3:14 PM **Algorithm for Management of the Flatfoot With a Talocalcaneal Coalition**
Javier Masquijo, MD

3:15 PM–3:21 PM **Indications and Techniques for Arthrodesis in the Flatfoot With a Coalition**
Derek Kelly, MD

3:22 PM–3:30 PM **Questions with Panel**
Moderator: Anthony Riccio, MD

3:31 PM–4:00 PM **The Flatfoot With Other Concurrent Pathology—How Should Management Differ?**
Moderator: Jaime Rice Denning, MD

3:31 PM–3:37 PM **The Flatfoot With an Accessory Navicular**
Todd Milbrandt, MD

3:38 PM–3:44 PM **The Flatfoot That's Actually a Residual Untreated CVT**
Anthony Riccio, MD

3:45 PM–3:51 PM **The Flatfoot With Distal Tibial Deformity**
Maryse Bouchard, MD, MSc

3:52 PM–4:00 PM **Questions with Panel**
Moderator: Jaime Rice Denning, MD

CONCURRENT SESSION 2

2:30 PM–4:00 PM Pacifica 3-5



Cool Strategies for Hot and Cold Pediatric Upper Extremity Trauma

Moderator: Lindley Wall, MD, MSc
eModerator: Andrea Bauer, MD

Join our illustrious international experts on this tour of acute and chronic traumatic conditions of the upper limb! From management of common hand fractures to treatment of radial growth arrest to reconstruction of nerve injuries, there will be valuable pearls and techniques for front-line providers and seasoned surgeons.

2:30 PM–2:33 PM **Introduction**
Lindley Wall, MD, MSc

2:34 PM–2:58 PM Common Hand Fractures

2:34 PM–2:38 PM **Acute Phalangeal Neck Fractures: What to Do and When to Do It**
Andrea Bauer, MD

2:39 PM–2:43 PM **Phalangeal Neck Fractures: Approach to the Late Presenter**
Donald Bae, MD

2:44 PM–2:58 PM **Discussion**
Lindley Wall, MD, MSc
Donald Bae, MD
Andrea Bauer, MD
Christine Ho, MD

2:59 PM–3:29 PM Distal Radial Physeal Fractures

2:59 PM–3:03 PM **Distal Radial Physeal Fractures: It's Healed, Now What?**
Christine Ho, MD

3:04 PM–3:08 PM **Rebalancing the Wrist After Distal Radial Growth Arrest**
Sebastian Farr, MD

3:09 PM–3:13 PM **Distal Epiphyseodeses: How I Do It**
Andrea Bauer, MD

3:14 PM–3:29 PM **Discussion**
Donald Bae, MD
Christine Ho, MD
Sebastian Farr, MD
Andrea Bauer, MD

3:30 PM–3:59 PM Elbow Injuries

3:30 PM–3:34 PM **Acute Pulseless Supracondylar Fractures: My Treatment Algorithm**
Christine Ho, MD

3:35 PM–3:39 PM **Nerve Palsies After Elbow Fractures: When Do I Intervene?**
Andrea Bauer, MD

3:40 PM–3:44 PM **Cubitus Varus: My Indications and Favorite Technique**
Sebastian Farr, MD

3:45 PM–3:59 PM **Discussion**
Christine Ho, MD
Andrea Bauer, MD
Sebastian Farr, MD
Donald Bae, MD

3:59 PM–4:00 PM **Concluding Remarks**
Lindley Wall, MD, MSc

APP BREAKOUT 2



2:30 PM–4:00 PM Oceana Grand 2-5

Pediatric Trauma: Tackling Challenges and Finding Strength
Moderator: Nicole Tweedy, RN, CPNP

Understand the unique challenges of pediatric trauma and explore strategies for effective management of fractures.

2:30 PM–2:37 PM **Ankle in Ache: Navigating the Break**
Christopher Tremonti, PA-C

2:38 PM–2:45 PM **HANDY Solutions: Managing Pediatric Metacarpal Fractures and Volar Plate Injuries**
John Ansiaux, PA-C

2:46 PM–2:53 PM **Discussion**
Christopher Tremonti, PA-C
John Ansiaux, PA-C

2:54 PM–3:27 PM Master Class: Preferred Methods of Management for Forearm Fractures

2:54 PM–3:00 PM **Closed Reduction/Wedging of Forearm Fractures**
John Ansiaux, PA-C

3:01 PM–3:08 PM **Operative Management of Forearm Fractures**
Sheila Marceron, DNP

3:09 PM–3:16 PM **Nonoperative Management of Forearm Fractures**
Thomas McPartland, MD

3:17 PM–3:27 PM **Discussion**
John Ansiaux, PA-C
Sheila Marceron, DNP
Thomas McPartland, MD

Thursday
DAILY SCHEDULE

<p>3:28 PM–4:00 PM</p>	<p>Master Class: Preferred Methods of Management for Tibial Shaft Fractures</p>	<p>2:30 PM–3:30 PM South China Sea</p> <p>Pavlik on the Go (Hands-on) </p> <p>Brief introduction with tips and tricks focused on Pavlik.</p>
<p>3:28 PM–3:35 PM</p>	<p>Closed Reduction/ Wedging of Tibial Shaft Fractures Kevin Moore, PA-C</p>	<p>Hands-on Faculty: Valerie Parrish, PA-C Lydia Belcher, APRN Simon Kelley, MBChB, PhD, FRCS Deborah Eastwood, FRCS</p>
<p>3:36 PM–3:43 PM</p>	<p>Operative Management of Tibial Shaft Fractures Christopher Tremonti, PA-C</p>	<p>Kishore Mulpuri, MBBS, MS, MHSc, FRCSC</p> <p>2:30 PM–3:30 PM South China Sea</p>
<p>3:43 PM–3:50 PM</p>	<p>Nonoperative Management of Tibial Shaft Fractures Philip McClure, MD</p>	<p>Halo on the Go (Hands-on) </p> <p>Brief introduction with Halo tips and tricks with the opportunity to learn and practice on a simulator with real equipment.</p>
<p>3:50 PM–4:00 PM</p>	<p>Discussion Kevin Moore, PA-C Christopher Tremonti, PA-C Philip McClure, MD</p>	<p>Hands-on Faculty: Firoz Miyanji, MD, FRCSC Ron El-Hawary, MD, MSc, FRCS(C) Suken Shah, MD John Lovejoy III, MD Michael Glotzbecker, MD Jennifer Bauer, MD Jeffrey Sawyer, MD</p>

JOURNAL OF 
JPOSNA

**For the latest
 issue and to
 submit an
 article, visit**

JPOSNA.COM 




Industry Spotlight Session 3

Thursday, December 5, 2024

10:35 AM-11:35 AM

OrthoPediatrics**Java Sea****Is it Possible to Minimize Spica Cast Usage?**

Andrea Kramer, MD

Surgeons now have an alternative to spica casting with a proven bracing solution. This session will highlight the new user experience with pediatric orthopaedic surgeons who have navigated hospital approval with successful treatment outcomes.

Johnson & Johnson MedTech**Pacifica 8-10****Pediatric to Adult: Comprehensive Insights for Pediatric Spine Deformity Surgeons**

Jennifer Bauer, MD, MS; Ron El-Hawary, MD, MSc, FRCS(C); and M. Wade Shrader, MD

Join our expert panel for an interactive discussion on optimizing care with an eye to the future. This dynamic session encourages active participation, providing an exciting opportunity to ask questions, share insights, and collaborate with leading surgeons in the field.

Pacira BioSciences**Banda Sea****Pain Management Strategies on Both Pediatric Spine and Sports Medicine Procedures Using Regional Anesthesia Techniques**

Robert Cho, MD and V. Salil Upasani, MD

Innovative pain management technique for both pediatric spine and hip procedures using liposomal bupivacaine.

Highridge Medical**Coral Sea****Incorporating Novel Technologies Into Your Practice as an Early Career Surgeon**

Craig Louer Jr., MD and Firoz Miyanji, MD, FRCS

Differentiate yourself from your peers by providing patients with the latest treatment options available. In doing so, there are some learning hurdles that you should know about. This workshop will highlight the decision-making

conversation with patients and understanding the insurance pre-authorization process and how to combat an insurance denial. Faculty will also discuss the how to navigate the board collection process while providing patients with novel treatment options such as a Vertebral Body Tethering.

Medtronic**Pacifica 3-5****Adopting New Technology Now to Differentiate Yourself Later: What I Wish I Knew as an Early Career Surgeon**

Lindsay Andras, MD; Kirsten Ross, MD; and Michael Glotzbecker, MD

Join our faculty as they discuss pearls and lessons learned through their journeys embarking on their careers, including how to build your ideal practice, why early adoption of new technology is important, best practices for navigating the acquisition process, and more!

Orthofix**Timor Sea****If I'm Being Completely Transparent: Radiolucent Circular Fixation for Pediatric Patients**

David Frumberg, MD, FAAOS and Elizabeth Hubbard, MD

Join us for case-based discussion and hands-on demonstration where the experienced faculty take you through a number of applications, benefits and best practices utilizing a pediatric-friendly lightweight, stable, radiolucent frame for complex limb reconstruction and deformity correction procedures.

