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International Pediatric Orthopaedic Symposium

December 2-6, 2025 | Orlando, FL

Director: Derek Kelly, MD



Network

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VISION

We see a clear path forward, one that embraces progress, prioritizes clinical excellence, and places patient outcomes at the center of everything we do.

■ **Technology Development**

We are committed to delivering next-generation products that simplify procedures and elevate precision.

■ **Clinical Data & Research**

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■ **Education & Training**

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ACKNOWLEDGEMENTS



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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 international 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 for optimized outcomes.
- 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

Registration Hours

Tuesday, December 2, 2025	2:00 PM–6:00 PM
Wednesday, December 3, 2025	7:00 AM–5:00 PM
Thursday, December 4, 2025	7:00 AM–3:00 PM
Friday, December 5, 2025	7:00 AM–2:30 PM

Exhibit Hall Hours

Wednesday, December 3, 2025	7:00 AM–4:25 PM
Wednesday, December 3, 2025	3:25 PM–4:25 PM Happy Hour in the Hall
Thursday, December 4, 2025	7:00 AM–3:00 PM
Friday, December 5, 2025	7:00 AM–2:10 PM

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REGISTRATION

Registration Fees (U.S. Dollars)	Early-Bird Rate September 9, 2025– November 4, 2025	Rate as of November 5, 2025	Onsite Rates
Member	\$1,370	\$1,420	\$1,470
Non-Member	\$2,020	\$2,070	\$2,120
Nurse/Allied Health/PA ¹ /Medical Student ²	\$885	\$935	\$985
Orthopaedic Resident ³ /Post Residency Fellow ³ /U.S. Military ⁴ /POSNA Emeritus	\$1,175	\$1,225	\$1,275
Delegates from Reduced Rate Low Income Countries (determined by World Bank)	\$999	\$1,049	\$1,099
Practicing PediPod Program TICKETED EVENT (included with full IPOS [®] registration)	\$250	\$250	\$250

¹RN, PA, and Allied Health contact posna@posna.org, with your chief/director's name, institution's name, and phone number in order to receive the discounted rate.

²Medical Students, please contact posna@posna.org, with your most recent transcript showing good standing from your institution in order to receive the discounted rate.

³Residents and Fellows, contact posna@posna.org, with your chief/director's name, institution's name, and phone number in order to receive the discounted rate.

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The Journal of the Pediatric Orthopaedic Society of North America (JPOSNA[®]) is the official peer-reviewed, open-access journal of the Pediatric Orthopaedic Society of North America (POSNA). JPOSNA[®] is a forum for the most relevant and important pediatric orthopaedic research and educational information for researchers and clinicians involved in pediatric orthopaedic care.

Article Types

- Original Research
- Systematic Reviews
- Current Concept Reviews
- Master's Surgical Techniques
- Practice Innovation
- Quality, Safety, and Value Initiatives
- Quality Improvement Case Series

JPOSNA.COM

RESIDENTS AND FELLOWS: JUST FOR YOU!

Tuesday

Case Competition & Trivia: Hear 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: This high-yield, interactive session is designed for orthopaedic trainees to learn key strategies for a successful transition from training into early career.

Wednesday

Happy Hour in the Hall: Mix and mingle with the faculty as the sun sets on the first full day of IPOS®.

Thursday

Top Gun: The 13th Annual Surgical Skills Competition allows you to showcase your maverick skill set (by invitation only).

Wednesday, Thursday, and Friday

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



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World-Class Pediatric Orthopedics

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- Scoliosis and spine conditions
- Foot and ankle conditions
- Hip conditions
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- Cerebral palsy care and management
- Limb length discrepancy and leg deformity and conditions
- Pediatric fracture and trauma care
- Gait conditions
- Skeletal dysplasia





“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.”

*Derek Kelly, MD
IPOS® Director*



Canada/U.S. Faculty

Alexandre Arkader, MD
Donald Bae, MD
 Andrea Bauer, MD
 Jennifer Beck, MD
Maryse Bouchard, MD, MSc
 Jaysson Brooks, MD
 Michelle Caird, MD
Robert Cho, MD
 Jaime Denning, MD
Eric Edmonds, MD
Ron El-Hawary, MD, MSc
 Henry Ellis, MD
Nicholas Fletcher, MD
John (Jack) Flynn, MD
 Jeanne Franzone, MD
 Michael Glotzbecker, MD
 Jason Howard, MD
 Sandra Jarvis-Selinger, PhD
Derek Kelly, MD
 Vedant Kulkarni, MD
Jennifer Laine, MD
 A. Noelle Larson, MD
 John Lovejoy III, MD
Scott Luhmann, MD
Jeff Martus, MD, MS
Philip McClure, MD
 Thomas McPartland, MD
Todd Milbrandt, MD
 Firoz Miyanji, MD
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 Kenneth Noonan, MD
 Anthony Riccio, MD
 Scott Rosenfeld, MD
Wudbhav (Woody) Sankar, MD
 Jeffrey Sawyer, MD
 Matthew Schmitz, MD
Jonathan Schoenecker, MD, PhD
Suken Shah, MD
 Kevin Shea, MD
 Benjamin Shore, MD, MPH
M. Wade Shrader, MD

Vishwas Talwalkar, MD
Rachel Thompson, MD
 Kali Tileston, MD
 Bryan Tompkins, MD
V. Salil Upasani, MD
Michael Vitale, MD, MPH
Lindley Wall, MD, MSc
 Michelle Welborn, MD

International Faculty

Thomas Dreher, MD
 Sebastian Farr, MD
Javier Masquijo, MD
 Manoj Ramachandran, MBBS
 Matias Sepulveda Oviedo, MD

Instructors

Virginia Casey, MD
 Anthony Cooper, FRCSC
 Aristides Cruz Jr., MD, MBA
 Christopher Iobst, MD
 Brian Scannell, MD
 Apurva Shah, MD
 Melinda Sharkey, MD
 David Spence, MD
 Chris Stutz, MD
 Mike Tretiakov, MD

APP Faculty

Rachel DiFazio, PhD, RN, PPCNP-BC, FAAN
 Colleen Ditro, RN, DNP, FAANP
 Ray Kleposki, CPNP
Sheila Marceron, DNP
 Alicia McCarthy, MSN, CPNP-AC
 Wendy Moon, MS, PNP
 Valerie Parrish, PA-C
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SCHEDULE AT A GLANCE

Topics



Advanced Practice Provider



Essentials of Pediatric Orthopaedics



Foot



General Pediatric Orthopaedics/Trauma



Hand & Upper Extremity



Hip



Lower Extremity/Deformity



The Practicing PediPod Program (Mid-Career)



Neuromuscular & Cerebral Palsy



Spine



Sports

TUESDAY, DECEMBER 2

2:00 PM–6:00 PM

Registration

3:00 PM–4:45 PM



Arabella Leet Residents & Fellows Forum* (Sponsored by Shriner's Children's™)

4:55 PM–5:55 PM



Career Planning and Professional Development* (Sponsored by Medtronic)

6:00 PM–6:15 PM

Mingle with Medtronic*

6:30 PM–7:45 PM

Pre-Course* (Sponsored by OrthoPediatrics)

7:50 PM–9:00 PM

Reception (Sponsored by OrthoPediatrics)

WEDNESDAY, DECEMBER 3

7:00 AM–5:00 PM

Registration

7:00 AM–8:00 AM

Breakfast & Exhibits

GENERAL SESSION

8:05 AM–10:05 AM



Periosteum in Trauma: Why You Chose Pediatrics vs Adult Orthopaedics

10:10 AM–10:30 AM

Break & Exhibits

10:35 AM–11:35 AM

Industry Spotlight Sessions 1*

11:40 AM–12:40 PM

Lunch & Exhibits

12:10 PM–12:40 PM

Lunchtime Development*

CONCURRENT SESSIONS

12:45 PM–2:15 PM



Juvenile Osteochondritis Dissecans: Current Concepts and Practices Across All Joints

12:45 PM–2:15 PM



Kyphosis From A to Z

1:00 PM–2:00 PM



Ponseti on the Go (Hands-on)

2:20 PM–3:20 PM

Industry Spotlight Sessions 2*

3:25 PM–4:25 PM

Happy Hour in the Hall *

* Indicates Non-CME Session

SCHEDULE AT A GLANCE

WEDNESDAY, CONTINUED

BREAKOUT SESSIONS		
4:30 PM–5:45 PM		Essentials of Pediatric Orthopaedics I: Adolescent Orthopaedics
4:30 PM–5:45 PM		Distal Complexities: Hands and Feet in Patients with Cerebral Palsy
4:30 PM–5:45 PM		Broad Spectrum Blounts
4:30 PM–5:45 PM		Femoral Osteotomies (Hands-on)
4:30 PM–5:45 PM		Congenital Vertical Talus: Topic Update and Casting (Hands-on)
4:30 PM–5:45 PM		Mid-Career Momentum: Elevate Your Expertise and Expand Your Horizons

THURSDAY, DECEMBER 4

7:00 AM–3:00 PM	Registration
7:00 AM–8:00 AM	Breakfast & Exhibits
7:30 AM–8:00 AM	JPOSNA® Reviewer's Program*

CONCURRENT SESSIONS		
8:05 AM–9:35 AM		Managing the Extreme Extremities in Children with Arthrogyrosis
8:05 AM–9:35 AM		Hip and Spine Surveillance Are Great, but What About the Knee?
8:30 AM–9:30 AM		Halo on the Go (Hands-on)
8:30 AM–9:30 AM		Pavlik on the Go (Hands-on)
9:40 AM–10:40 AM		Industry Spotlight Session 3*
10:45 AM–11:05 AM		Break & Exhibits
11:10 AM–12:10 PM		Industry Spotlight Session 4*
12:15 PM–1:15 PM		Lunch & Exhibits
12:45 PM–1:15 PM		Lunchtime Development*

BREAKOUT SESSIONS		
1:20 PM–2:35 PM		Essentials of Pediatric Orthopaedics II: General Topics
1:20 PM–2:35 PM		Get There Safely! Tips and Tricks to Surgical Approaches for Upper Extremity Trauma
1:20 PM–2:35 PM		Complex Pediatric Scoliosis and Neuromonitoring
1:20 PM–2:35 PM		The Athletic Hip
1:20 PM–2:35 PM		Ponseti Basics and Casting Workshop (Hands-on)
1:20 PM–2:35 PM		My Way or the Highway: Debates Around Controversial Topics in Trauma
2:40 PM–3:00 PM		Break & Exhibits
4:30 PM–7:00 PM		Top Gun* (by invitation only)

* Indicates Non-CME Session

SCHEDULE AT A GLANCE

FRIDAY, DECEMBER 5

7:00 AM–2:30 PM

Registration

7:00 AM–8:00 AM

Breakfast & Exhibits

GENERAL SESSION

8:05 AM–9:35 AM



Multidisciplinary Points of View: Non-operative Treatment, Physical Exam, and Transitions of Care

9:40 AM–10:00 AM

Break & Exhibits

BREAKOUT SESSIONS

10:05 AM–11:05 AM



Upper Extremity Injuries in the Pediatric and Adolescent Athlete: A Case-Based Discussion

10:05 AM–11:05 AM



Basic and Advanced Pelvic Osteotomies (Hands-on)

10:05 AM–11:05 AM



Making Sure It Is Going “Tibia OK”: Telescoping Nail Lab (Hands-on)

10:05 AM–11:05 AM



Gait Analysis: Principles and Application for Surgical Decision-Making

10:05 AM–11:05 AM



The Physis: Unraveling the Secrets of Growth and Development

10:05 AM–11:05 AM



The Practicing PediPod 1: Leadership Institute and Book Club

11:10 AM–12:10 PM

Lunch & Exhibits

11:40 AM–12:10 PM

Lunchtime Development*

CONCURRENT SESSIONS

12:15 PM–1:45 PM



Pediatric Musculoskeletal Infection

12:15 PM–1:45 PM



Collaboration in Complexity: Navigating Multidisciplinary Case Challenges

12:15 PM–1:45 PM



The Practicing PediPod 2: Technology Corner and Wellness - Lessons in Life

1:50 PM–2:10 PM

Break & Exhibits

GENERAL SESSION

2:15 PM–4:30 PM



Author's Preferred Techniques and Awards

* Indicates Non-CME Session



SCHEDULE AT A GLANCE

SATURDAY, DECEMBER 6

7:00 AM–8:00 AM

Breakfast

7:30 AM–9:35 AM



The Practicing PediPod 3: Education, Practice Management, and Finance

CONCURRENT SESSIONS

8:05 AM–9:35 AM



When It Goes From Bad to Worse: Post Traumatic/Infectious Limb Deformity Treatment

8:05 AM–9:35 AM



Pediatric Hip Conditions: SCFE and Perthes

BREAKOUT SESSIONS

9:45 AM–11:00 AM



Essentials of Pediatric Orthopaedics III: Neonatal Orthopaedics

9:45 AM–11:00 AM



Show Me Your Worst! A Discussion of Complex Foot and Ankle Cases with Global Experts

9:45 AM–11:00 AM



Back Pain and Spondy

11:00 AM

Farewell Grab & Go

* Indicates Non-CME Session

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**localize, navigate,
verify screws and
measure correction**

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hospitals

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2025-2026

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ADVANCED PRACTICE PROVIDERS

WEDNESDAY, DECEMBER 3

8:05 AM–10:05 AM

Periosteum in Trauma: Why You Chose Pediatrics vs Adult Orthopaedics

4:30 PM–5:45 PM

Mid-Career Momentum: Elevate Your Expertise and Expand Your Horizons

THURSDAY, DECEMBER 4

1:20 PM–2:35 PM

Essentials of Pediatric Orthopaedics II: General Topics

1:20 PM–2:35 PM

My Way or the Highway: Debates Around Controversial Topics in Trauma

FRIDAY, DECEMBER 5

8:05 AM–9:35 AM

Multidisciplinary Points of View: Non-operative Treatment, Physical Exam, and Transitions of Care

10:05 AM–11:05 AM

Physis: Unraveling the Secrets of Growth and Development

12:15 PM–1:15 PM

Collaboration in Complexity: Navigating Multidisciplinary Case Challenges



ESSENTIALS OF PEDIATRIC ORTHOPAEDICS

WEDNESDAY, DECEMBER 3

8:05 AM–10:05 AM

Periosteum in Trauma: Why You Chose Pediatrics vs Adult Orthopaedics

4:30 PM–5:45 PM

Essentials of Pediatric Orthopaedics I: Adolescent Orthopaedics

THURSDAY, DECEMBER 4

1:20 PM–2:35 PM

Essentials of Pediatric Orthopaedics II: General Topics

FRIDAY, DECEMBER 5

8:05 AM–9:35 AM

Multidisciplinary Points of View: Non-operative Treatment, Physical Exam, and Transitions of Care

SATURDAY, DECEMBER 6

9:45 AM–11:00 AM

Essentials of Pediatric Orthopaedics III: Neonatal Orthopaedics



FOOT

WEDNESDAY, DECEMBER 3

1:00 PM–2:00 PM

Ponseti on the Go (Hands-on)

4:30 PM–5:45 PM

Congenital Vertical Talus: Topic Update and Casting (Hands-on)

THURSDAY, DECEMBER 4

8:05 AM–9:35 AM

Managing the Extreme Extremities in Children with Arthrogyposis

1:20 PM–2:35 PM

Ponseti Basics and Casting Workshop (Hands-on)

FRIDAY, DECEMBER 5

8:05 AM–9:35 AM

Multidisciplinary Points of View: Non-operative Treatment, Physical Exam, and Transitions of Care

SATURDAY, DECEMBER 6

9:45 AM–11:00 AM

Show Me Your Worst! A Discussion of Complex Foot and Ankle Cases with Global Experts



GENERAL ORTHOPAEDICS/TRAUMA

TUESDAY, DECEMBER 2

3:00 PM–4:45 PM

Arabella Leet Residents & Fellows Forum (Sponsored by Shiner's Children's™)

4:55 PM–5:55 PM

Career Planning and Professional Development (Sponsored by Medtronic)

WEDNESDAY, DECEMBER 3

8:05 AM–10:05 AM

Periosteum in Trauma: Why You Chose Pediatrics vs Adult Orthopaedics

4:30 PM–5:45 PM

Essentials of Pediatric Orthopaedics I: Adolescent Orthopaedics

THURSDAY, DECEMBER 4

7:30 AM–8:00 AM

JPOSNA® Reviewer's Program

1:20 PM–2:35 PM

Essentials of Pediatric Orthopaedics II: General Topics

1:20 PM–2:35 PM

My Way or the Highway: Debates Around Controversial Topics in Trauma

FRIDAY, DECEMBER 5

8:05 AM–9:35 AM

Multidisciplinary Points of View: Non-operative Treatment, Physical Exam, and Transitions of Care

12:15 PM–1:15 PM

Pediatric Musculoskeletal Infection

2:15 PM–4:30 PM

Author's Preferred Techniques and Awards

SATURDAY, DECEMBER 6

8:05 AM–9:35 AM

When It Goes From Bad to Worse: Post Traumatic/ Infectious Limb Deformity Treatment

9:45 AM–11:00 AM

Essentials of Pediatric Orthopaedics III: Neonatal Orthopaedics



HAND & UPPER EXTREMITY

THURSDAY, DECEMBER 4

8:05 AM–9:35 AM

Managing the Extreme Extremities in Children with Arthrogyposis

1:20 PM–2:35 PM

Get There Safely! Tips and Tricks to Surgical Approaches for Upper Extremity Trauma

FRIDAY, DECEMBER 5

8:05 AM–9:35 AM

Multidisciplinary Points of View: Non-operative Treatment, Physical Exam, and Transitions of Care

10:05 AM–11:05 AM

Upper Extremity Injuries in the Pediatric and Adolescent Athlete: A Case-Based Discussion



HIP

WEDNESDAY, DECEMBER 3

4:30 PM–5:45 PM

Femoral Osteotomies (Hands-on)

THURSDAY, DECEMBER 4

8:30 AM–9:30 AM

Pavlik on the Go (Hands-on)

1:20 PM–2:35 PM

The Athletic Hip

FRIDAY, DECEMBER 5

8:05 AM–9:35 AM

Multidisciplinary Points of View: Non-operative Treatment, Physical Exam, and Transitions of Care

10:05 AM–11:05 AM

Basic and Advanced Pelvic Osteotomies (Hands-on)

SATURDAY, DECEMBER 6

8:05 AM–9:35 AM

Pediatric Hip Conditions: SCFE and Perthes



LOWER EXTREMITY/DEFORMITY

WEDNESDAY, DECEMBER 3

4:30 PM–5:45 PM

Broad Spectrum Blounts

FRIDAY, DECEMBER 5

8:05 AM–9:35 AM

Multidisciplinary Points of View: Non-operative Treatment, Physical Exam, and Transitions of Care

10:05 AM–11:05 AM

Making Sure it is Going "Tibia OK": Telescoping Nail Lab (Hands-on)

SATURDAY, DECEMBER 6

8:05 AM–9:35 AM

When It Goes From Bad to Worse: Post Traumatic/ Infectious Limb Deformity Treatment



THE PRACTICING PEDIPOD PROGRAM (MID-CAREER)

FRIDAY, DECEMBER 5

8:05 AM–9:35 AM

Multidisciplinary Points of View: Non-operative Treatment, Physical Exam, and Transitions of Care

10:05 AM–11:05 AM

The Practicing PediPod 1: Leadership Institute and Book Club

12:15 PM–1:15 PM

The Practicing PediPod 2: Technology Corner and Wellness - Lessons in Life

SATURDAY, DECEMBER 6

7:30 AM–9:35 AM

The Practicing PediPod 3: Education, Practice Management, and Finance



NEUROMUSCULAR & CEREBRAL PALSY

WEDNESDAY, DECEMBER 3

4:30 PM–5:45 PM

Distal Complexities: Hands and Feet in Patients with Cerebral Palsy

THURSDAY, DECEMBER 4

8:05 AM–9:35 AM

Hip and Spine Surveillance Are Great, but What About the Knee?

FRIDAY, DECEMBER 5

8:05 AM–9:35 AM

Multidisciplinary Points of View: Non-operative Treatment, Physical Exam, and Transitions of Care

10:05 AM–11:05 AM

Gait Analysis: Principles and Application for Surgical Decision-Making



SPINE

WEDNESDAY, DECEMBER 3

12:45 PM–2:15 PM

Kyphosis From A to Z

THURSDAY, DECEMBER 4

8:30 AM–9:30 AM

Halo on the Go (Hands-on)

1:20 PM–2:35 PM

Complex Pediatric Scoliosis and Neuromonitoring

FRIDAY, DECEMBER 5

8:05 AM–9:35 AM

Multidisciplinary Points of View: Non-operative Treatment, Physical Exam, and Transitions of Care

SATURDAY, DECEMBER 6

9:45 AM–11:00 AM

Back Pain and Spondy



SPORTS

WEDNESDAY, DECEMBER 3

12:45 PM–2:15 PM

Juvenile Osteochondritis Dissecans: Current Concepts and Practices Across All Joints

THURSDAY, DECEMBER 4

1:20 PM–2:35 PM

The Athletic Hip

FRIDAY, DECEMBER 5

8:05 AM–9:35 AM

Multidisciplinary Points of View: Non-operative Treatment, Physical Exam, and Transitions of Care

10:05 AM–11:05 AM

Upper Extremity Injuries in the Pediatric and Adolescent Athlete: A Case-Based Discussion

TUESDAY DAILY SCHEDULE

3:00 PM–4:45 PM

Pacifica 8-10

Arabella Leet Residents & Fellows Forum

Sponsored by Shriner's Children's™

Moderator: Jennifer Laine, MD

eModerator: Jennifer Beck, MD

Panelists: Andrea Bauer, MD; Aristides Cruz Jr., MD, MBA; Michael Glotzbecker, MD; Christopher Iobst, MD; Rachel Thompson, MD

This annual session, sponsored by Shriner's Children's™, is in honor and memory of Dr. Arabella Leet. Dr. Leet championed excellent, safe musculoskeletal care for children. She was a highly accomplished clinician, surgeon, and researcher as well as a dedicated educator and mentor. This forum centers around an engaging case competition: the top eight cases are presented by this year's scholarship winners. A panel of IPOS® faculty and instructors leads stimulating discussion of the cases with numerous opportunities for attendees to ask questions and demonstrate trivia knowledge for prizes.

3:00 PM–3:25 PM

Session Orientation & Introduction

3:26 PM–4:45 PM

Case Competition & Trivia



4:55 PM–5:55 PM

Pacifica 8-10

Career Planning and Professional Development for Residents and Fellows

Sponsored by Medtronic

Moderator: Jennifer Laine, MD

This high-yield, interactive session is designed for orthopaedic trainees to learn key strategies for a successful transition from training into early career. Leaders within POSNA will share pearls and pitfalls from their own experiences, responding to your real-life questions that often remain unanswered during the course of training. They will discuss ways to get involved in service and how to find the time and resources for research as well as offer approaches to building a team and finding mentors. Get advice around how to find a job and build a busy practice within different systems. Bring your questions!

4:55 PM–5:00 PM

Introduction

Jennifer Laine, MD

5:01 PM–5:06 PM

Getting Involved: How and Why to Volunteer in Professional Organizations

Michelle Caird, MD

5:07 PM–5:12 PM

Advancing Inquiry: Finding Time and Resources for Research in a Busy Practice

Kevin Shea, MD



5:13 PM–5:18 PM

Q&A

5:19 PM–5:24 PM

Building a Team: Developing Roles and Responsibilities to Maximize Patient Care

Valerie Parrish, PA-C

5:25 PM–5:30 PM

Developing Relationships: Finding Mentors and Becoming One Yourself

Michael Vitale, MD, MPH

5:31 PM–5:36 PM

Q&A

5:37 PM–5:42 PM

Finding a Job: When, Where, and How?

Jeffrey Sawyer, MD

5:43 PM–5:48 PM

Filling Your Clinic and OR: How to Build a Busy Practice (U.S. and Canada)

Maryse Bouchard, MD, MSc

5:49 PM–5:55 PM

Q&A

6:00 PM–6:15 PM

Pacifica 8-10

Mingle with Medtronic

6:30 PM–7:45 PM

Oceana 2-5

Pre-Course

Sponsored by OrthoPediatrics

7:50 PM–9:00 PM

Java Sea 1-2

Industry-Sponsored Reception

Sponsored by OrthoPediatrics



WEDNESDAY DAILY SCHEDULE

7:00 AM–8:00 AM
Pacifica Ballroom 6-7
Breakfast & Exhibits

GENERAL SESSION

8:05 AM–10:05 AM
Oceana Grand 6-7
Periosteum in Trauma: Why You Chose Pediatrics vs Adult Orthopaedics
Moderator: Jonathan Schoenecker, MD, PhD
eModerator: Nicholas Fletcher, MD

Take a journey through pediatric trauma focusing on central themes of periosteum and inflammation to tie together everything we do when taking call.

8:05 AM–8:08 AM
Introduction
Nicholas Fletcher, MD

8:09 AM–8:14 AM
Introduction to Periosteum
Jonathan Schoenecker, MD, PhD

8:15 AM–8:19 AM
Using Periosteum in Fracture Reduction
Alexandre Arkader, MD

8:20 AM–8:28 AM
Using Periosteum to Diagnose and Treat Supracondylar Fractures
Chris Stutz, MD

8:29 AM–8:37 AM
Collateral Damage: How Periosteum Can Tell Us What Might Be Injured in Supracondylar Humerus Fractures and How to Manage Nerve and Vessel Injury
Lindley Wall, MD, MSc

8:38 AM–8:45 AM Discussion

8:46 AM–8:53 AM
When You Don't Have Periosteum - Lateral Condyle Fracture and Medial Epicondyle Fractures
Nicholas Fletcher, MD

8:54 AM–9:00 AM
Thinking About Periosteum in Radial Neck and Monteggia Fractures
Apurva Shah, MD

9:01 AM–9:09 AM
Femoral Neck Fractures - Periosteal Injury and AVN
Nicholas Fletcher, MD

9:10 AM–9:17 AM
Distal Femur Fractures and Physeal Arrest
Alexandre Arkader, MD

9:18 AM–9:26 AM
Proximal and Distal Tibia Fractures - Periosteum as Friend and Foe
Kali Tileston, MD

9:27 AM–9:34 AM Discussion

9:35 AM–9:43 AM
Infection
Thomas McPartland, MD

9:44 AM–9:52 AM
Multi Organ Dysfunction Syndrome
Jonathan Schoenecker, MD, PhD

9:53 AM–10:05 AM Discussion

10:10 AM–10:30 AM
Pacifica Ballroom 6-7
Break & Exhibits

10:35 AM–11:35 AM
Industry Spotlight Sessions (non-CME)
 See page 23 for details

11:40 AM–12:40 PM
Pacifica Ballroom 6-7
Lunch & Exhibits

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

CONCURRENT SESSIONS

12:45 PM–2:15 PM
Oceana 2-5
Juvenile Osteochondritis Dissecans: Current Concepts and Practices Across All Joints
Moderator: Henry Ellis, MD
eModerator: Javier Masquijo, MD

This comprehensive session aims to keep participants up to date with the latest developments and practical strategies for managing osteochondritis dissecans (OCD) across different joints. It will cover key topics, including imaging and classification, current indications for non-operative treatment, and advanced surgical techniques.

12:45 PM–12:47 PM
Introduction
Henry Ellis, MD

12:48 PM–12:52 PM
What's New In the Etiology of Osteochondritis Dissecans?
Eric Edmonds, MD

12:53 PM–12:58 PM
Capitellum OCD: How Do I Treat It?
Andrea Bauer, MD

12:59 PM–1:04 PM
Surgical Spotlight: Osteochondral Autograft Transplantation (OATS) for Capitellum OCD
Donald Bae, MD

1:05 PM–1:09 PM Discussion

1:10 PM–1:15 PM
Hip OCD: How Do I Treat It?
David Spence, MD

1:16 PM–1:21 PM
Surgical Spotlight: Surgical Hip Dislocation and OATS
Matthew Schmitz, MD

1:22 PM–1:26 PM Discussion

1:27 PM–1:32 PM
Knee OCD: How Do I Treat It?
Jennifer Beck, MD

WEDNESDAY DAILY SCHEDULE

1:33 PM–1:38 PM

Surgical Spotlight: Retroarticular Drilling for Stable Lesions

Javier Masquijo, MD

1:39 PM–1:44 PM

Surgical Spotlight: Suture Bridge Fixation for Unstable Lesions

Aristides Cruz Jr., MD, MBA

1:45 PM–1:50 PM

Surgical Spotlight: Allograft Transplantation for Unsalvageable Lesions

Henry Ellis, MD

1:51 PM–1:55 PM

Discussion

1:56 PM–2:01 PM

Ankle OCD: How Do I Treat It?

Maryse Bouchard, MD, MSc

2:02 PM–2:07 PM

Surgical Spotlight: Transmalleolar Drilling Technique

Eric Edmonds, MD

2:08 PM–2:13 PM

Future Perspectives in the Treatment of OCD

Kevin Shea, MD

2:14 PM–2:15 PM

Discussion and Closing Remarks

Henry Ellis, MD

12:45 PM–2:15 PM

Oceana 6-7

Kyphosis From A to Z

Moderator: Scott Luhmann, MD

eModerator: Ron El-Hawary, MD, MSc

Introduction to sagittal plane spinal deformities with expert presentations on a variety of etiologies of kyphosis.

12:45 PM–12:50 PM

Sagittal Plane Alignment in Children

A. Noelle Larson, MD

12:51 PM–12:56 PM

Clinical and Radiographic Assessment of Kyphosis

Scott Luhmann, MD

12:57 PM–1:02 PM

Scheuermann's Kyphosis

Jaysson Brooks, MD

1:03 PM–1:08 PM

Congenital Kyphosis

Michael Glotzbecker, MD

1:09 PM–1:14 PM

Neuromuscular Kyphosis - Myelomeningocele

Ron El-Hawary, MD, MSc

1:15 PM–1:22 PM

Discussion

1:23 PM–1:28 PM

Syndromic Kyphosis - MPS

Michelle Welborn, MD

1:29 PM–1:34 PM

Syndromic Kyphosis - NF

Suken Shah, MD

1:35 PM–1:40 PM

Post-Laminectomy Kyphosis

V. Salil Upasani, MD

1:41 PM–1:49 PM

Discussion

1:50 PM–1:55 PM

Post-Traumatic Cervical Kyphosis

Firoz Miyanji, MD

1:56 PM–2:01 PM

Post-Traumatic Thoracolumbar Kyphosis

Jeffrey Sawyer, MD

2:02 PM–2:07 PM

Post-Infectious Kyphosis

Robert Cho, MD

2:08 PM–2:15 PM

Discussion

1:00 PM–2:00 PM

Banda Sea

Ponseti on the Go (Hands-on)

Refine your Ponseti skills at this drop-in hands-on casting and tenotomy lab with coaches at each station. You can use this opportunity to review basic principles and approach IPOS® faculty for tips and tricks.

Hands-on Faculty:

Jaime Denning, MD; Derek Kelly, MD; Todd Milbrandt, MD; Kenneth Noonan, MD; Manoj Ramachandran, BSc, MBBS, MRCS, FRCS; Anthony Riccio,

MD; Brian Scannell, MD; Melinda Sharkey, MD; Vishwas Talwalkar, MD; Bryan Tompkins, MD

2:20 PM–3:20 PM

Industry Spotlight Sessions (non-CME)

See pages 23 for details

3:25 PM–4:25 PM

Pacifica Ballroom 6-7

Happy Hour in the Hall

BREAKOUT SESSIONS

4:30 PM–5:45 PM

Java Sea



Essentials of Pediatric Orthopaedics I: Adolescent Orthopaedics

Moderator: Jeff Martus, MD, MS

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.

4:30 PM–4:31 PM

Intro to Essentials I

Jeff Martus, MD, MS

4:32 PM–4:37 PM

Common Adolescent Extremity Fractures

Brian Scannell, MD

4:38 PM–4:43 PM

Adolescent Spine Injuries

A. Noelle Larson, MD

4:44 PM–4:50 PM

Spine Deformity and Back Pain in Teenagers

Jaysson Brooks, MD

4:51 PM–4:57 PM

Discussion

4:58 PM–5:04 PM

Adolescent Sports Medicine: Knee & Ankle

Aristides Cruz Jr., MD, MBA

5:05 PM–5:11 PM

Adolescent Sports Medicine: Shoulder & Elbow

Jennifer Beck, MD

WEDNESDAY DAILY SCHEDULE

5:12 PM–5:18 PM Discussion

5:19 PM–5:24 PM

Foot Problems in Teenagers

Kenneth Noonan, MD

5:25 PM–5:31 PM

Late Childhood & Adolescent Lower Extremity Deformity

Michelle Caird, MD

5:32 PM–5:38 PM

Hip Problems in the Older Child and Adolescent

Jennifer Laine, MD

5:39 PM–5:45 PM Discussion

4:30 PM–5:45 PM

Pacifica 8-10

Distal Complexities: Hands and Feet in Patients with Cerebral Palsy

Moderator: Rachel Thompson, MD

Comprehensive discussion of surgical approaches to the most common hand and foot procedures in patients with CP.

4:30 PM–4:32 PM

Introduction

Rachel Thompson, MD

4:33 PM–4:38 PM

Evaluation of Hand/Upper Extremity in CP

Donald Bae, MD

4:39 PM–4:43 PM

Forearm Tendon Transfers in CP

Sebastian Farr, MD

4:44 PM–4:48 PM

Hyperselective Denervation Wrist/Elbow

Andrea Bauer, MD

4:49 PM–4:53 PM

Wrist and Hand Fusion in CP

Lindley Wall, MD, MSc

4:54 PM–5:00 PM Q&A

5:01 PM–5:06 PM

Case Discussion

Lindley Wall, MD, MSc

5:07 PM–5:12 PM

Soft Tissue Management of Foot and Ankle Deformity in CP

Thomas Dreher, MD

5:13 PM–5:18 PM

Management of Stiff Equinovarus Foot in CP

Jason Howard, MD

5:19 PM–5:24 PM

Management of Stiff Planovalgus Foot in CP

M. Wade Shrader, MD

5:25 PM–5:30 PM

What Should I Do With the Toes?

Vedant Kulkarni, MD

5:31 PM–5:38 PM Q&A

5:39 PM–5:45 PM

Case Discussion

Rachel Thompson, MD

4:30 PM–5:45 PM

Oceana Grand 6-7

Broad Spectrum Blounts

Moderator: Philip McClure, MD

Are you ready to broaden your perspective on tibial deformity? This session focuses on covering the spectrum of disease of tibial deformity, focusing on Blounts disease from mild to wild and the spectrum of anterolateral bowing of the tibia from self resolving to requiring aggressive reconstruction. Learners will gain an understanding of each pathology, as well as an appreciation for how to recognize and categorize severe versus more mild variants to allow calibration of treatment techniques.

4:30 PM– 4:35PM

Imitators of Infantile Blounts (Physiologic, FFCD)

Bryan Tompkins, MD

4:36 PM–4:41 PM

Growth Modulation vs Osteotomy Infantile Blounts

Virginia Casey, MD

4:42 PM–4:47 PM

Bar Resection in Blounts Disease

Mike Tretiakov, MD

4:48 PM–4:53 PM Discussion

4:54 PM–4:59 PM

Adolescent Blounts Growth Modulation (Screw vs TBP)

Melinda Sharkey, MD

5:00 PM–5:05 PM

Adolescent Blounts Hexapod

Christopher Iobst, MD

5:06 PM–5:11 PM

Acute Realignment for Severe Tibia Vara

Anthony Cooper, FRCSC

5:12 PM–5:17 PM Discussion

5:18 PM–5:23 PM

Disappearing Anterolateral Bowing of the Tibia

Matias Sepulveda Oviedo, MD

5:24 PM–5:29 PM

Management Before Fracture: Bracing and McFarland

Jeanne Franzone, MD

5:30 PM–5:35 PM

Treatment of Congenital Pseudarthrosis

Philip McClure, MD

5:36 PM–5:40 PM Discussion

5:41 PM–5:45 PM

Conclusion

Philip McClure, MD

4:30 PM–5:45 PM

Timor Sea 1-2

Femoral Osteotomies (Hands-on)

Moderator: V. Salil Upasani, MD

Learn tips and tricks to perform some of the most common proximal femoral osteotomies as well as the more complicated Morscher osteotomy.

WEDNESDAY DAILY SCHEDULE

4:30 PM–4:34 PM

Session Introduction

V. Salil Upasani, MD

4:35 PM–4:39 PM

Varus Derotation

David Spence, MD

4:40 PM–4:44 PM

Valgus Osteotomy

Scott Rosenfeld, MD

4:45 PM–4:49 PM

Lengthening (Morscher)

Kishore Mulpuri, MBBS, MS, MHSc

4:50 PM–5:45 PM

Hands-on Instruction

Hands-on Faculty: Nicholas Fletcher, MD; Thomas McPartland, MD; Kishore Mulpuri, MBBS, MS, MHSc; Scott Rosenfeld, MD; Wudbhav (Woody) Sankar, MD; Matthew Schmitz, MD; Jonathan Schoenecker, MD, PhD; Perry Schoenecker, MD; David Spence, MD; V. Salil Upasani, MD

4:30 PM–5:45 PM

Banda Sea 1-2



Congenital Vertical Talus: Topic Update and Casting (Hands-on)

Moderator: Maryse Bouchard, MD, MSc

This session will discuss current practices in CVT management and will provide opportunity for hands-on casting and tenotomy practice, and intimate group discussions with IPOS® faculty.

4:30 PM–4:32 PM

Welcome Remarks

Maryse Bouchard, MD, MSc

4:33 PM–4:38 PM

CVT - Making the Diagnosis and Initial Assessment

Jaime Denning, MD

4:39 PM–4:44 PM

Serial Casting Technique for CVT

Vishwas Talwalkar, MD

4:45 PM–4:50 PM

Initial Surgical Management and Pinning the Talonavicular Joint

Maryse Bouchard, MD, MSc

4:51 PM–4:56 PM

What to Do When Initial Management Fails

Anthony Riccio, MD

4:57 PM–5:02 PM

Bracing Tips for CVT

Manoj Ramachandran, MBBS

5:03 PM–5:45 PM

CVT Casting (Hands-on)

Hands-on Faculty: Maryse Bouchard, MD, MSc; Jaime Denning, MD; Derek Kelly, MD; Manoj Ramachandran, MBBS; Anthony Riccio, MD; Vishwas Talwalkar, MD

4:30 PM–5:45 PM

Oceana 2-5



Mid-Career Momentum: Elevate Your Expertise and Expand Your Horizons

Moderator: Sheila Marceron, DNP

This session, tailored specifically for mid-career Advanced Practice Providers (APPs), will explore the evolving role of APPs in pediatric orthopaedic care. Attendees will review the diverse responsibilities of APPs, with an emphasis on maximizing their contributions to the healthcare team. The session will highlight innovative practice models that enhance team collaboration and patient outcomes, while also discussing strategies for ensuring APPs are practicing to their full scope of expertise. By the end of the session, participants will be equipped with key strategies to optimize their involvement in pediatric orthopaedic care, improve team dynamics, and elevate patient care.

4:30 PM–4:32 PM

Welcome

Sheila Marceron, DNP

4:33 PM–4:39 PM

Redefining Pediatric Orthopaedic Care: Maximizing APP Contributions

Ray Kleposki, CPNP

4:40 PM–4:46 PM

Building Expertise: A Guide to Pediatric Orthopaedic APP Fellowship Practices

Paige Wheaton, PA-C

4:47 PM–4:53 PM

Bridging Expertise: The Role of APPs in Pediatric Orthopaedic Resident Education

Valerie Parrish, PA-C

4:54 PM–5:00 PM

Cultivating Future Leaders: Mentorship Strategies in APP Practice

Robert Cho, MD

5:01 PM–5:07 PM

Discussion

5:08 PM–5:13 PM

Maximizing Reimbursement: Strategies for Improving Billing and Coding for APPs

Chris Tremonti, PA-C

5:14 PM–5:19 PM

Pediatric Orthopaedics in the Digital Age: A Guide to Telehealth Practice

Wendy Moon, MS, PNP

5:20 PM–5:25 PM

Harness Innovation: APP Contributions to Advancement in Pediatric Orthopaedics

Todd Milbrandt, MD

5:26 PM–5:31 PM

Bridging Innovation and Knowledge: The Role of APPs in Research and Publications

Rachel DiFazio, PhD, RN, PPCNP-BC, FAAN

5:32 PM–5:37 PM

Pediatric Orthopaedics Without Borders: Empowering APPs in Global Health Initiatives

Valerie Parrish, PA-C

5:38 PM–5:45 PM

Discussion

INDUSTRY SPOTLIGHT SESSIONS WEDNESDAY

INDUSTRY SPOTLIGHT SESSIONS 1

Wednesday, December 3

10:35 AM–11:35 AM

Small Bones, Big Tech—How Technology is Changing Healthcare and Pediatric Orthopaedics

Faculty: Manoj Ramachandran, FRCS; Bryan Tompkins, MD

Location: Pacifica 8-10

This session will focus on technologies that are shaping the healthcare landscape, including current and future advancements. From AI, to digital OR efficiency tools, to advanced operative tools, we will explore a wide range of technologies that will affect your practice.

Presented by



How to Utilize Rod Technology with Correction Techniques

Faculty: Brian Kaufman, MD; Firoz Miyanji, MD; V. Salil Upasani, MD

Location: Pacifica 11-12

How precise can you bend a rod? Join our faculty for this hands-on session to dive into the fundamentals of differential rod contouring, rod material properties, and correction techniques for AIS. We look forward to seeing who can bend it best in Orlando!

Presented by



Managing Anterior Cruciate Ligament Injuries

Faculty: Eric Edmonds, MD; Kevin Shea, MD

Location: Java Sea

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

Presented by



INDUSTRY SPOTLIGHT SESSIONS 2

Wednesday, December 3

2:20 PM–3:20 PM

Hip Dysplasia Care—Improving Bracing Solutions

Faculty: Simon P. Kelley, MBChB, PhD, FRCS; Kishore Mulpuri, MHS, MSc, MBBS, FRCSC; Wudbhav (Woody) Sankar, MD; V. Salil Upasani, MD

Location: Pacifica 8-10

This session will focus on improving the care continuum for KIDS with Developmental Dysplasia of the Hip. Led by a panel of DDH experts, the symposium will compare and contrast existing solutions with new innovations. There will be an opportunity for hands-on training to follow the discussion.

Presented by



A New Era for J&J MedTech: Leveraging Enabling Technology for Complex Spine Cases

Faculty: A. Noelle Larson, MD; Stuart Mackenzie, MD; Kirsten Ross, MD

Location: Pacifica 11-12

Please join our expert faculty to discuss how to safely leverage robotic technology in your complex spine procedures. This session will feature three case presentations that illustrate how the faculty incorporate the VEYLS Spine platform into their surgical workflows, tips and tricks discovered along the way, and a hands-on demonstration of the VEYLS Spine platform.

Presented by





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THURSDAY DAILY SCHEDULE

7:00 AM–8:00 AM
Pacifica Ballroom 6-7
Breakfast & Exhibits

7:30 AM–8:00 AM
Pacifica Ballroom 6-7
JPOSNA® Reviewers Program
Moderator: Kenneth Noonan, MD

Blinded peer review of original research published in the Journal of the Pediatric Orthopaedic Society of North America (JPOSNA®) is essential to advance pediatric orthopaedics and is a responsibility for our society. In this 30-minute seminar, editors for JPOSNA® will provide insight and guidance on how to produce a quality review for senior residents and pediatric orthopaedic fellows who anticipate that they will give back to pediatric orthopaedics as a JPOSNA® reviewer.

7:30 AM–7:32 AM
Introduction
Kenneth Noonan, MD

7:33 AM–7:38 AM
JPOSNA® Editorial Process
Aristides Cruz Jr., MD, MBA

7:39 AM–7:44 AM
Top Tips for Reviewing Papers
Jennifer Beck, MD

7:45 AM–7:49 AM
When Is a Paper DOA?
Alexandre Arkader, MD

7:50 AM–7:54 AM
Actionable Feedback to Improve Quality
Jennifer Laine, MD

7:55 AM–8:00 AM Q&A



CONCURRENT SESSIONS

8:05 AM–9:35 AM
Oceana Grand 6-7
Managing the Extreme Extremities in Children with Arthrogryposis
Moderator: Lindley Wall, MD, MSc
eModerator: Maryse Bouchard, MD, MSc

A comprehensive session on the assessment and management of arthrogrypotic patients with hand and foot deformities.

8:05 AM–8:08 AM
Introduction
Lindley Wall, MD, MSc

8:09 AM–8:14 AM
Clinical Assessment of the Upper Limb in Arthrogryposis: Function Over Form
Sebastian Farr, MD

8:15 AM–8:20 AM
Adaptability and the Role of Occupational Therapy
Andrea Bauer, MD

8:21 AM–8:26 AM
Working With Your Lower Extremity Team: When and What to Do?
Donald Bae, MD

8:27 AM–8:32 AM
Assessing Gait and Mobility in Arthrogryposis: Function Over Form
Kenneth Noonan, MD

8:33 AM–8:38 AM
Adaptability and the Role of Physical Therapy
Vishwas Talwalkar, MD

8:39 AM–8:44 AM
Building a Life-Long Reconstruction Plan: How and When Should You Address the Feet Relative to Other Deformities of the Limbs or Spine?
Anthony Riccio, MD

8:45 AM–9:00 AM
Panel Discussion
Moderators: Maryse Bouchard, MD, MSc & Lindley Wall, MD, MSc
Panelists: Donald Bae, MD; Andrea Bauer, MD; Sebastian Farr, MD; Kenneth Noonan, MD; Anthony Riccio, MD; Vishwas Talwalkar, MD

9:01 AM–9:35 AM
Case Discussion
Moderators: Maryse Bouchard, MD, MSc & Lindley Wall, MD, MSc
Panelists: Donald Bae, MD; Andrea Bauer, MD; Sebastian Farr, MD; Kenneth Noonan, MD; Anthony Riccio, MD; Vishwas Talwalkar, MD

8:05 AM–9:35 AM
Oceana Grand 2-5
Hip and Spine Surveillance are Great, but What About the Knee?
Moderator: M. Wade Shrader, MD
eModerator: Rachel Thompson, MD

Review of evidence for hip and spine surveillance in cerebral palsy and thought provoking concepts of preventing knee pathology with gait video review.

8:05 AM–8:07 AM
Introduction
M. Wade Shrader, MD

8:08 AM–8:13 AM
Principles of Hip Surveillance in CP
Benjamin Shore, MD, MPH

8:14 AM–8:19 AM
Principles of Spine Surveillance in CP
V. Salil Upasani, MD

8:20 AM–8:25 AM Q&A

8:26 AM–8:30 AM Case Discussion

8:31 AM–8:38 AM
Sagittal Gait Patterns in CP
Vedant Kulkarni, MD

THURSDAY DAILY SCHEDULE

8:39 AM–8:44 AM

What Is Knee Surveillance?

M. Wade Shrader, MD

8:45 AM–8:52 AM

Upstream Considerations: Anterior Pelvic Tilt and Spine

Jason Howard, MD

8:53 AM–8:58 AM

Is There Still a Role for Hamstring Lengthening?

Thomas McPartland, MD

8:59 AM–9:04 AM

Catching Contracture Early: Guided Growth of the Knee

Rachel Thompson, MD

9:05 AM–9:13 AM

Late-Presenting Contracture: Distal Femoral Extension Osteotomy

Thomas Dreher, MD

9:14 AM–9:24 AM Q&A

9:25 AM–9:35 AM Case Discussion

8:30 AM–9:30 AM

South China Sea

Halo on the Go (Hands-on)

Moderator: John Lovejoy III, MD

Brief introduction with Halo tips and tricks with the opportunity to learn and practice on a simulator with real equipment.

Hands-on Faculty: Robert Cho, MD; Ron El-Hawary, MD, MSc; Michael Glotzbecker, MD; John Lovejoy III, MD; Jeff Martus, MD, MS; Firoz Miyanji, MD; Jeffrey Sawyer, MD; Suken Shah, MD; Michelle Welborn, MD

8:30 AM–9:30 AM

South China Sea

Pavlik on the Go (Hands-on)

Moderator: Jonathan Schoenecker, MD, PhD

Learn how to apply the Pavlik harness and other hip abduction braces, with tips and tricks from the masters.

Hands-on Faculty: Lydia Belcher, APRN; Kishore Mulpuri, MBBS, MS, MHSc; Valerie Parrish, PA-C; Manoj Ramachandran, MBBS; Scott Rosenfeld, MD; Brian Scannell, MD; Jonathan Schoenecker, MD, PhD; Perry Schoenecker, MD; Kali Tileston, MD

9:40 AM–10:40 AM

Industry Spotlight Sessions (non-CME)

See page 29 for details

10:45 AM–11:05 AM

Pacifica Ballroom 6-7

Break & Exhibits

11:10 AM–12:10 PM

Industry Spotlight Sessions (non-CME)

See page 29 for details

12:15 PM–1:15 PM

Pacifica Ballroom 6-7

Lunch & Exhibits

12:45 PM–1:15 PM

Pacifica Ballroom 6-7

Lunchtime Development

BREAKOUT SESSIONS

1:20 PM–2:35 PM

Oceana 2-5

Essentials of Pediatric Orthopaedics II: General Topics

Moderator: Rachel Thompson, 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.

1:20 PM–1:21 PM

Intro to Essentials II

Rachel Thompson, MD

1:22 PM–1:27 PM

Approach to the Limping Child

Wendy Moon, MS, PNP

1:28 PM–1:33 PM

Musculoskeletal Infection

John Lovejoy III, MD

1:29 PM–1:34 PM

Musculoskeletal Tumor

Alexandre Arkader, MD

1:35 PM–1:41 PM Discussion

1:42 PM–1:48 PM

Office-Based Assessment of Gait

Jason Howard, MD

1:49 PM–1:55 PM

Spina Bifida and Caudal Regression Syndrome

Vedant Kulkarni, MD

1:56 PM–2:02 PM

Cerebral Palsy

Rachel Thompson, MD

2:03 PM–2:09 PM Discussion

2:10 PM–2:16 PM

Practice Management: Outpatient Coding 101

Derek Kelly, MD

2:17 PM–2:22 PM

Practice Management: Maximizing the Patient Experience and Press Ganey Scores

Thomas McPartland, MD

2:23 PM–2:28 PM

Practice Management: Managing Complications, Disgruntled Families, and Medical Errors

Jeff Martus, MD, MS

2:29 PM–2:35 PM Discussion

THURSDAY DAILY SCHEDULE

1:20 PM–2:35 PM

Pacifica 3-5



Get there Safely! Tips and Tricks to Surgical Approaches for Upper Extremity Trauma

Moderators: Donald Bae, MD & Lindley Wall, MD, MSc

From the shoulder to the wrist, this session will present surgical indications and detailed surgical approaches for open treatment of common upper extremity trauma.

1:20 PM–1:22 PM

Introduction

Lindley Wall, MD, MSc

1:23 PM–1:30 PM

Proximal Humerus Fractures: Indications and Open Surgical Approach

Apurva Shah, MD

1:31 PM–1:38 PM

Supracondylar Humerus Fractures: Open Indications and Surgical Approach

Andrea Bauer, MD

1:39 PM–1:46 PM

Distal Humerus Anterior Shear Fractures: Indications and Surgical Approach

Lindley Wall, MD, MSc

1:47 PM–1:57 PM

Discussion

Donald Bae, MD

1:58 PM–2:05 PM

Irreducible Monteggia Fracture Dislocations: Open Surgical Approach

Donald Bae, MD

2:06 PM–2:13 PM

Proximal Radius Malunions: Indications and Surgical Approach

Andrea Bauer, MD

2:14 PM–2:22 PM

Distal Radius Fracture Malunions: Indications and Surgical Approach

Apurva Shah, MD

2:23 PM–2:33 PM

Discussion

Lindley Wall, MD, MSc

2:34 PM–2:35 PM

Conclusion

Lindley Wall, MD, MSc

1:20 PM–2:35 PM

Oceana 6-7



Complex Pediatric Scoliosis and Neuromonitoring

Moderator: Michelle Welborn, MD

An advanced-level session with a focus on the treatment of complex scoliosis with an emphasis on case-based discussion on spinal cord monitoring.

1:20 PM–1:25 PM

When Does AIS Surgery Become Complex?

Scott Luhmann, MD

1:26 PM–1:31 PM

Enabling Technologies for AIS Surgery

Ron El-Hawary, MD, MSc

1:32 PM–1:37 PM

Cervicothoracic Scoliosis

Suken Shah, MD

1:38 PM–1:43 PM

Vertebral Column Resection

Robert Cho, MD

1:44 PM–1:54 PM

Discussion

1:55 PM–2:00 PM

Primer on Intra-operative Neurophysiological Monitoring

Michael Vitale, MD, MPH

2:01 PM–2:08 PM

Loss of Spinal Cord Monitoring Case #1

Jaysson Brooks, MD

2:09 PM–2:16 PM

Loss of Spinal Cord Monitoring Case #2

Todd Milbrandt, MD

2:17 PM–2:24 PM

Loss of Spinal Cord Monitoring Case #3

Nicholas Fletcher, MD

2:25 PM–2:35 PM

Discussion

1:20 PM–2:35 PM

Coral Sea 1-2



The Athletic Hip

Moderators: Javier Masquijo, MD & Jonathan Schoenecker, MD, PhD

This session focuses on the spectrum of athletic hip injuries starting with physical examination and covering non-surgical and surgical treatment options.

1:20 PM–1:24 PM

Setting the Stage

Javier Masquijo, MD & Jonathan Schoenecker, MD, PhD

1:25 PM–1:29 PM

Unlocking the Hip Exam: Provocative Maneuvers That Reveal Hidden Pathology

David Spence, MD

1:30 PM–1:34 PM

Seeing Inside the Athletic Hip: Age-Appropriate Imaging Across the Maturity Spectrum

V. Salil Upasani, MD

1:35 PM–1:44 PM

Case-Based Diagnostic Challenges

Jonathan Schoenecker, MD, PhD

1:45 PM–1:49 PM

Beyond Rest and Ice: Advanced Rehabilitation Protocols for the Athletic Hip

Virginia Casey, MD

1:50 PM–1:54 PM

Strategic Injections: Navigating Diagnostic and Therapeutic Options in the Competitive Athlete

Henry Ellis, MD

1:55 PM–2:04 PM

Treatment Dilemmas: Conservative Management Decision Points

Javier Masquijo, MD

THURSDAY DAILY SCHEDULE

2:05 PM–2:09 PM

Avulsion Fractures: From Mechanism to Management in the Growing Athlete

Scott Rosenfeld, MD

2:10 PM–2:14 PM

Beyond the Growth Plate: Transitional Injuries of the Developing Hip

Jonathan Schoenecker, MD, PhD

2:15 PM–2:24 PM

Complex Case Management and Debate

Javier Masquijo, MD

2:25 PM–2:35 PM

Ask the Experts

Javier Masquijo, MD & Jonathan Schoenecker, MD, PhD

1:20 PM–2:35 PM

Banda Sea 1-2

Ponseti Basics and Casting Workshop (Hands-on)

Moderator: Maryse Bouchard, MD, MSc

Brief introduction of Ponseti casting, clinic pearls, and bracing tips and tricks followed by hands-on casting and tenotomy practice with intimate group discussions with IPOS® faculty.

1:20 PM–1:22 PM

Welcome Remarks

Maryse Bouchard, MD, MSc

1:23 PM–1:28 PM

Clubfoot Ponseti Video-Casting Technique and Principles

Derek Kelly, MD

1:29 PM–1:34 PM

5 Things to Do When Faced With a Complex Clubfoot

Bryan Tompkins, MD

1:35 PM–1:40 PM

5 Things That Can Lead to Pitfalls When Casting Clubfeet

Maryse Bouchard, MD, MSc

1:41 PM–1:46 PM

5 Things to Do to Run the Optimal Clubfoot Clinic

Kenneth Noonan, MD

1:47 PM–1:52 PM

5 Things to Do to Get the Best Results With Foot Abduction Bracing

Anthony Riccio, MD

1:53 PM–2:35 PM

Hands-on Instruction

Hands-on Faculty: Maryse Bouchard, MD, MSc; Jaime Denning, MD; Derek Kelly, MD; Kenneth Noonan, MD; Manoj Ramachandran, MBBS; Anthony Riccio, MD; Melinda Sharkey, MD; Vishwas Talwalkar, MD; Bryan Tompkins, MD; Mike Tretiakov, MD

1:20 PM–2:35 PM

Java Sea 1-2

My Way or the Highway: Debates Around Controversial Topics in Trauma

Moderators: Wudbhav (Woody) Sankar, MD & Benjamin Shore, MD, MPH

Trauma - it's what ties us all together... or does it? Come for a series of lively debates surrounding controversial topics in pediatric orthopaedic trauma.

1:20 PM– 1:21 PM

Introduction

Benjamin Shore, MD, MPH

1:22 PM–1:27 PM

Type 1 Open Forearm Fractures: ED Washout is Fine

Kishore Mulpuri, MBBS, MS, MHSc

1:28 PM–1:33 PM

Type 1 Open Forearm Fractures: OR Is Safest Way

Aristides Cruz Jr., MD, MBA

1:34 PM–1:39 PM

Pink Pulseless Supracondylar at 8 PM: I'm Coming In

Michelle Caird, MD

1:40 PM–1:45 PM

Pink Pulseless Supracondylar at 8 PM: Put It on First Case

Chris Stutz, MD

1:46 PM–1:51 PM

9 mmm Displaced Medial Epicondyle Fractures Without Dislocation in Rock Climber: Fix it for Stability

Eric Edmonds, MD

1:52 PM–1:57 PM

9 mmm Displaced Medial Epicondyle Fractures Without Dislocation in Rock Climber: Cast and Early Motion

Michael Glotzbecker, MD

1:58 PM–2:04 PM

Discussion

Benjamin Shore, MD, MPH

2:05 PM–2:10 PM

Displaced Femur Fracture in a 2-Year-Old: Single Leg Spica Is Easy and Foolproof

Jeffrey Sawyer, MD

2:11 PM–2:16 PM

Displaced Femur Fracture in a 2-Year-Old: Brace it!

Brian Scannell, MD

2:17 PM–2:22 PM

Displaced LC2 Pelvic Ring in a 10-Year-Old: Non-op It—Kids Can Remodel Anything

Benjamin Shore, MD, MPH

2:23 PM–2:28 PM

Displaced LC2 Pelvic Ring in a 10-Year-Old: SI Screw +/- Symphysis

Matias Sepulveda Oviedo, MD

2:29 PM–2:35 PM

Discussion

Wudbhav (Woody) Sankar, MD

2:40 PM–3:00 PM

Pacifica Ballroom 6-7

Break & Exhibits



INDUSTRY SPOTLIGHT SESSIONS 3

Thursday, December 4

9:40 AM–10:40 AM

Comprehensive Pediatric Deformity Correction: Hands-On Training Across the Musculoskeletal Spectrum

Faculty: TBD

Location: Pacifica 11-12

Join Globus Medical at IPOS® 2025 for an interactive workshop focused on total pediatric deformity correction—from limb lengthening to spinal alignment. Led by an expert panel of pediatric orthopedic surgeons, this session will feature case presentations, workflow insights, and practical tips for treating pediatric deformity patients with Globus' innovative technologies.

Surgeons will rotate through two hands-on sawbones stations:

- Limb Deformity Correction with Precice™ – Learn how this magnetically driven, all-internal nail system allows for precise correction of limb length discrepancies and angular deformities.
- Spinal Deformity Correction with MAGEC™ and REFLECT™* – Explore growth-friendly, motion-preserving solutions for scoliosis, including flexible tethering and non-fusion techniques.

*REFLECT is approved as a humanitarian use device in the United States.

This workshop is designed to equip pediatric surgeons with adaptable tools and strategies to address the full spectrum of musculoskeletal deformities.

Presented by



Empowering Pediatric Spine Surgery: Modular Solutions Meet Personalized and Navigated Care

Faculty: Nicholas Fletcher, MD; Megan Johnson, MD; Michael Vitale, MD, MPH; Michelle Welborn, MD

Location: Java Sea

What if your next pediatric spine case could be planned, personalized, and navigated with modular precision?

Join esteemed faculty Michael Vitale, Megan Johnson, Nicholas Fletcher, and Michelle Welborn, leaders in pediatric spine innovation, at IPOS® 2025 for a powerful, case-driven session!

This workshop will walk you through real-world examples of how ModuLeX™ modular fixation, UNiD™ patient-specific technology, and advanced navigation and robotics are transforming pediatric spine surgery. Each speaker will share how these tools are reshaping their practice, from planning and personalization to precision in execution.

Whether you're a seasoned pediatric spine surgeon or expanding your capabilities, this session will equip you with

actionable insights and strategies to elevate your outcomes and collaboration.

Presented by



Radiation Free Surgery

Faculty: Jaysson Brooks, MD

Location: Pacifica 8-10

Join this session to gain an in-depth understanding of how MR Guidance for 7D Navigation is changing care for patients and clinicians. Scoliosis case presentations focusing on surgeon workflow, accuracy, and operative planning will be highlighted, as well.

Presented by



11:10 AM–12:10 PM

The Cutting Edge of Growth Guidance: From Proven Concepts to Breakthrough Techniques

Faculty: Jason Howard, MD, FRCSC; Claire Shannon, MD; Eric Loveless, MD

Location: Pacifica 8-10

Harnessing the physis: From screws to plates, rotation to realignment — join the debate on the newest frontiers of growth guidance and see where innovation is reshaping pediatric deformity care.

Presented by



Making 3D Imaging Work for You: A Practical Guide for the Orthopaedic OR

Faculty: V. Salil Upasani, MD

Location: Pacifica 11-12

Which procedures truly benefit from intraoperative 3D imaging? And when you factor in radiation exposure and operative time—is it really worth it?

This session is designed to answer those questions through a practical, hands-on exploration of real-world surgical scenarios.

Participants will have the opportunity to interact directly with 3D image viewers, simulating intraoperative decision-making and visualizing anatomy, instrumentation, and implant placement as if they were in the OR.

You'll leave with actionable insights into when and how to use intraoperative 3D imaging to improve outcomes—and how to make it work for you in daily surgical practice.

Presented by



FRIDAY DAILY SCHEDULE

8:00 AM–8:00 AM
Pacifica Ballroom 6-7
Breakfast & Exhibits

GENERAL SESSION

8:05 AM–9:35 AM
Oceana Grand 6-7
Multidisciplinary Points of View: Non-operative Treatment, Physical Exam, and Transitions of Care
Moderator: Todd Milbrandt, MD
eModerator: Michelle Caird, MD

The focus is on non-operative management of common pediatric orthopaedic conditions (how and when to do it), essential physical exam skills (how to conduct and interpret them), and adolescent to adult transitional care (what to do and say).

Non-operative Management of Common Pediatric Orthopaedic Conditions

8:05 AM–8:10 AM
Spine: AIS Bracing and Schroth
Firoz Miyanji, MD

8:11 AM–8:16 AM
Sports: Bracing and PT for the Knee
Jennifer Beck, MD

8:17 AM–8:22 AM
Hand: Upper Extremity Splints and OT
Apurva Shah, MD

8:23 AM–8:28 AM
Foot: Inserts
Chris Tremonti, PA-C

8:29 AM–8:34 AM Discussion



Essential Physical Exam Skills

8:35 AM–8:40 AM
Spine: AIS Exam
Michael Glotzbecker, MD

8:41 AM–8:46 AM
NM/CP: LE Spasticity Exam
Benjamin Shore, MD, MPH

8:47 AM–8:52 AM
Hip: Dysplasia to Impingement
Kishore Mulpuri, MBBS, MS, MHSc

8:53 AM–8:58 AM
Sports: The Adolescent Knee Exam
Kevin Shea, MD

8:59 AM–9:04 AM
Hand: Tests We Have Forgotten
Sebastian Farr, MD

9:04 AM–9:10 AM Discussion

Transitional Care: Adolescent to Adult

9:11 AM–9:16 AM
Spine: AIS Transition
Michael Vitale, MD, MPH

9:17 AM–9:22 AM
NM/CP: CP Transition
Thomas Dreher, MD

9:23 AM–9:28 AM
Hip: Total Hip Arthroplasty?
Matthew Schmitz, MD

9:29 AM–9:35 AM Discussion

9:40 AM–10:00 AM
Pacifica Ballroom 6-7
Break & Exhibits

BREAKOUT SESSIONS

10:05 AM–11:05 AM
Java Sea 1-2



Upper Extremity Injuries in the Pediatric and Adolescent Athlete: A Case-Based Discussion

Moderators: Javier Masquijo, MD & Lindley Wall, MD, MSc

This interactive, case-based session will explore the diagnosis and management of upper extremity injuries in pediatric and adolescent athletes. Expert faculty will lead discussions on high-stakes fractures and dislocations, overuse injuries, and complex instability and impingement cases. Through real-world scenarios, panelists will share insights on surgical indications, rehabilitation strategies, and return-to-sport considerations. Attendees will gain practical, evidence-based approaches to optimizing outcomes in young athletes with upper extremity pathology.

10:05 AM–10:07 AM
Introduction
Javier Masquijo, MD

10:08 AM–10:25 AM
High-Stakes Fractures and Dislocations Cases
Case Presenter: Lindley Wall, MD, MSc
Panelists: Eric Edmonds, MD; Javier Masquijo, MD; Chris Stutz, MD

10:26 AM–10:43 AM
Overuse Injuries: When Repetition Takes a Toll Cases
Case Presenter: Donald Bae, MD
Panelists: Andrea Bauer, MD; Henry Ellis, MD; Todd Milbrandt, MD

10:44 AM–11:01 AM
From Instability to Impingement: Navigating Complex Upper Limb Cases
Case Presenter: Henry Ellis, MD
Panelists: Andrea Bauer, MD; Eric Edmonds, MD; Kevin Shea, MD

11:02 AM–11:05 AM
Closing Remarks
Lindley Wall, MD, MSc

FRIDAY DAILY SCHEDULE

10:05 AM–11:05 AM

Timor Sea 1-2

Basic and Advanced Pelvic Osteotomies (Hands-on)

Moderator: Jonathan Schoenecker, MD, PhD

Learn the most common pediatric pelvic osteotomies including the triple innominate and periacetabular osteotomies in this hands-on session.

10:05 AM–10:09 AM

Introduction

Jonathan Schoenecker, MD, PhD

10:10 AM–10:14 AM

Basic Pediatric (Pemberton)

Scott Rosenfeld, MD

10:15 AM–10:19 AM

Triple Osteotomy

Matthew Schmitz, MD

10:20 AM–10:24 AM

PAO

David Spence, MD

10:25 AM–11:05 AM

Pelvic Osteotomies (Hands-on)

Hands-on Faculty: Derek Kelly, MD; Scott Rosenfeld, MD; Wudbhav (Woody) Sankar, MD; Matthew Schmitz, MD; Jonathan Schoenecker, MD, PhD; Perry Schoenecker, MD; David Spence, MD; V. Salil Upasani, MD

10:05 AM–11:05 AM

Banda Sea 1-2

Making Sure It Is Going "Tibia OK": Telescoping Nail Lab (Hands-On)

Moderator: Philip McClure, MD

Did you ever wish your intramedullary nail could grow with your patient? Come and learn how to take advantage of passive lengthening technology for the protection of pathologic bone in pediatric orthopaedics. Review surgical technique with the masters before getting your hands dirty (dusty) with our sawbone model.

10:05 AM–10:08 AM

Introduction

Jeff Martus, MD, MS



10:09 AM–10:14 AM

Telescoping Intramedullary Rod for Osteogenesis Imperfecta

Jeanne Franzone, MD

10:15 AM–10:20 AM

Telescoping Intramedullary Rod for CPT

Philip McClure, MD

10:21 AM–10:24 AM

Transition to Stations

10:25 AM–11:05 AM

Hands-on Application

Hands-on Faculty: Jeanne Franzone, MD; Philip McClure, MD; Jeff Martus, MD, MS; Thomas McPartland, MD; Matias Sepulveda Oviedo, MD; Melinda Sharkey, MD; Mike Tretiakov, MD

10:05 AM–11:05 AM

Pacifica 3-5

Gait Analysis: Principles and Application for Surgical Decision-Making

Moderator: M. Wade Shrader, MD

Interactive, small group discussions led by leaders in the field of neuromuscular pediatric orthopaedics of common gait impairments in cerebral palsy.

10:05 AM–10:06 AM

Introduction

M. Wade Shrader, MD

10:07 AM–10:13 AM

Application of the Diagnostic Matrix to Gait Analysis

Rachel Thompson, MD

Small Group Leaders: Thomas Dreher, MD; Jason Howard, MD; Vedant Kulkarni, MD; Jennifer Laine, MD; M. Wade Shrader, MD; Benjamin Shore, MD, MPH; Rachel Thompson, MD

10:14 AM–10:36 AM

Small Group Led Discussion: Jump Gait

10:37 AM–10:59 AM

Small Group Led Discussion: Crouch Gait



11:00 AM–11:02 AM

Learn from the Master: Jump Gait

Vedant Kulkarni, MD

11:03 AM–11:05 AM

Learn from the Master: Crouch Gait

Jason Howard, MD

10:05 AM–11:05 AM

Oceana 2-5

The Physis: Unraveling the Secrets of Growth and Development

Moderator: Paige Wheaton, PA-C

Participants will gain a deep understanding of the critical role the physis (growth plate) plays in pediatric orthopaedic care like guiding accurate diagnosis, treatment strategies, and prognosis. Additionally, participants will have the opportunity to engage in case-based scenarios to practice utilizing technology platforms for making informed decisions about interventions, tailored to the patient's growth potential. This session is designed to enhance clinical decision-making and improve outcomes in pediatric orthopaedic practice.

10:05 AM–10:06 AM

Welcome

Paige Wheaton, PA-C

10:07 AM–10:12 AM

The Growth Engine: A Comprehensive Overview of the Physis

Paige Wheaton, PA-C

10:13 AM–10:18 AM

Physis Uncovered: Understanding Its Role in Diverse Pathologies- Acute Pathology

Ray Kleposki, CPNP

10:19 AM–10:24 AM

Physis Uncovered: Understanding Its Role in Diverse Pathologies- Chronic Deformity

Colleen Ditro, RN, DNP, FAANP

10:25 AM–10:30 AM

Physis Uncovered: Understanding Its Role in Diverse Pathologies-Overuse

Wendy Moon, MS, PNP



FRIDAY DAILY SCHEDULE

10:31 AM–10:35 AM Discussion

10:36 AM–10:41 AM

A Guide to Guided Growth: Emerging Indications

Anthony Cooper, FRCSC

10:42 AM–10:47 AM

Length Matters: Effective Strategies for Managing Leg Length Discrepancy

Chris Tremonti, PA-C

10:48 AM–10:53 AM

Navigating Growth Modulation: The Role of Timing in Screw and Eight-Plate Constructs

Jaime Denning, MD

10:54 AM–11:00 AM

Mastering Length Calculations: A Hands-on Exploration of Multiplier Applications

Sheila Marceron, DNP

11:01 AM–11:05 AM Discussion

10:05 AM–11:05 AM

Pacifica 8-10

The Practicing PediPod 1: Leadership Institute and Book Club

Moderators: Suken Shah, MD & Michael Vitale, MD, MPH

Facilitator: Sandra Jarvis-Selinger, PhD

Have you been attending for a while and trying to get to the next level? Want to be a better teacher, speaker, mentor, and leader? Who doesn't?! Faculty will be dropping pearls on all this and more in a small group setting. The Leadership Institute Masterclass is in session with negotiation, feedback, effective changemaking, and compensation models that work. Increase your EQ as well as your IQ! We end with discussion of the most impactful four books that make you better.

10:05 AM–10:35 AM

Good to Great: Lessons in Divisional/Departmental Leadership

Panelists: Michelle Caird, MD; Virginia Casey, MD; Kishore Mulpuri, MBBS, MS, MHSc, FRCSC; Jeffrey Sawyer, MD

Which Books Have You Gifted or Recommended the Most?

10:36 AM–10:41 AM

The Psychology of Money by Morgan Housel

Nicholas Fletcher, MD

10:42 AM–10:47 AM

Getting to Yes: Negotiating Agreement Without Giving In by Robert Fisher, William Ury, and Bruce Patton

Kali Tileston, MD

10:48 AM–10:53 AM

Essentialism: The Disciplined Pursuit of Less by Greg McKeown

Jaysson Brooks, MD

10:54 AM–10:59 AM

What Got You Here Won't Get You There by Marshall Goldsmith

Robert Cho, MD

11:00 AM–11:05 AM

Small Group Discussion

11:10 AM–12:10 PM

Pacifica Ballroom 6-7

Lunch & Exhibits

11:40 AM–12:10 PM

Pacifica Ballroom 6-7

Lunchtime Development

CONCURRENT SESSIONS

12:15 PM–1:45 PM

Oceana 2-5

Pediatric Musculoskeletal Infection

Moderator: Derek Kelly, MD

eModerator: Jennifer Beck, MD

Common and rare musculoskeletal infections in children, imaging, labs, peri-operative prophylaxis, antibiotic science and administration, and complex infection case discussion.

12:15 PM–12:16 PM

Introduction

Derek Kelly, MD

12:16 PM–12:21 PM

The Three Most Common Operative Pediatric MSK Infections

John Lovejoy III, MD

12:22 PM–12:27 PM

Rare Pediatric MSK Infections That You Will Eventually Diagnose

Vishwas Talwalkar, MD

12:28 PM–12:32 PM Discussion

12:33 PM–12:38 PM

The Science of Pediatric MSK Infection: What the Pediatric Orthopaedic Provider Should Know

Jonathan Schoenecker, MD, PhD

12:39 PM–12:44 PM

MSK Infection Labs: What to Get, What They Measure, and How to Interpret

Jeanne Franzone, MD

12:45 PM–12:50 PM Discussion

12:51 PM–12:56 PM

Antibiotics: How They Work: What We Really Need to Know

Melinda Sharkey, MD

12:57 PM–1:02 PM

Antibiotics: Beyond Ancef and Keflex

Jennifer Laine, MD

1:03 PM–1:08 PM

Antibiotics: The Science of Peri-Operative Prophylaxis

Michelle Welborn, MD

1:09 PM–1:14 PM Discussion

1:15 PM–1:20 PM

MSK Infection Imaging: On a Budget

Kishore Mulpuri, MBBS, MS, MHSc, FRCSC

1:21 PM–1:26 PM

MSK Infection Imaging: The Super Fancy

Wudbhav (Woody) Sankar, MD

1:27 PM–1:32 PM Discussion

FRIDAY DAILY SCHEDULE

1:33 PM–1:45 PM

Pediatric MSK Infection Gone Bad: Case-Based Discussion

Thomas McPartland, MD

12:15 PM–1:45 PM

Java Sea 1-2

Collaboration in Complexity: Navigating Multidisciplinary Case Challenges

Moderator: *Sheila Marceron, DNP*

eModerator: *Colleen Ditro, RN, DNP, FAANP*

In this session, participants will explore the essential components of effective multidisciplinary teams in pediatric orthopaedics. Through a focus on collaboration, attendees will learn strategies for fostering communication and cooperation across specialties to provide the best possible care for pediatric patients. Through debate format, the session will also cover best practices for ensuring safe surgical outcomes for children with complex medical conditions, addressing the unique challenges these cases present. Additionally, participants will gain a comprehensive overview of management strategies for children with medically complex conditions, equipping them with the tools necessary to navigate these intricate cases effectively and improve patient outcomes.

12:15 PM–12:18 PM

Welcome

Sheila Marceron, DNP

12:19 PM–12:24 PM

It Takes a Team: Unlocking the Full Potential of Orthopaedic Care through Multidisciplinary Collaboration

Rachel DiFazio, PhD, RN, PPCNP-BC, FAAN

12:25 PM–12:30 PM

Bridging Specialties: The Role of Multidisciplinary Teams in Pediatric Complex Orthopedic Surgery Planning

Rachel DiFazio, PhD, RN, PPCNP-BC, FAAN

12:31 PM–12:36 PM

Navigating the Intersection of Pediatric Complex Care and Surgery: The Role of Social Determinants of Health in Patient Outcomes

Alicia McCarthy, MSN, CPNP-AC

12:37 PM–12:42 PM

More Than an Xray: When Surgery is the Wrong Answer

Sheila Marceron, DNP

12:43 PM–12:48 PM

Building Dedicated OR Teams: Enhancing Patient Safety and Outcomes Through Collaboration

Ron El-Hawary, MD, MSc, FRCSC

12:49 PM–12:55 PM

Discussion

Sheila Marceron, DNP

The Complex Conundrum: The Great Debate on Deformity Management

12:56 PM–1:00 PM

Non-operative Management of Clubfoot in the Patient with Arthrogyposis

Kenneth Noonan, MD

1:01 PM–1:05 PM

Operative Management of Clubfoot in the Patient with Arthrogyposis

Chris Tremonti, PA-C

1:06 PM–1:11 PM

Discussion

Colleen Ditro, RN, DNP, FAANP

1:12 PM–1:16 PM

NM Hip Containment With Osteotomy

Valerie Parrish, PA-C

1:17 PM–1:21 PM

NM Hip Containment with Guided Growth

M. Wade Shrader, MD

1:22 PM–1:27 PM

Discussion

Sheila Marceron, DNP

1:28 PM–1:32 PM

Bone Tumor with Limb Salvage

Alexandre Arkader, MD

1:33 PM–1:37 PM

Bone Tumor with Amputation

Paige Wheaton, PA-C

1:38 PM–1:43 PM

Discussion

Colleen Ditro, RN, DNP, FAANP

1:44 PM–1:45 PM

Polling Results

Sheila Marceron, DNP

12:15 PM–1:45 PM

Pacifica 8-10

The Practicing PediPod 2: Technology Corner and Wellness - Lessons in Life

Moderator: *Suken Shah, MD*

eModerator: *Bryan Tompkins, MD*

Facilitator: *Sandra Jarvis-Selinger, PhD*

PPP2 takes a deep dive into tech and wellness. How will AI/ML change peds ortho? Faculty will share their thoughts on important aspects of wellness: taking care of yourself, communication, and actionable tips for work-life integration. Small groups will work on handling challenging situations.

Technology Corner

12:15 PM–12:22 PM

How Do I Get Started in AI as an Orthopaedic Surgeon?

Manoj Ramachandran, MBBS

12:23 PM–12:28 PM

How Can I Use AI for Repetitive Tasks, Increasing Productivity, and Making My Life Better?

Bryan Tompkins, MD

FRIDAY DAILY SCHEDULE

12:29 PM–12:36 PM

Automatic, Autonomous, and Agentive: The Future of Orthopaedic Technology

Manoj Ramachandran, MBBS

12:37 PM–12:42 PM

Ethical Considerations in the Application of AI

A. Noelle Larson, MD

12:43 PM–12:49 PM

Panel Discussion and Audience Q&A

The Case for Wellness

12:50 PM–12:53 PM

Introduction

Christopher Iobst, MD

12:54 PM–1:02 PM

What I Wish I Knew

Christopher Iobst, MD

1:03 PM–1:09 PM

Communication Skills

Suken Shah, MD

1:10 PM–1:18 PM

Work-Life Integration

Jeffrey Sawyer, MD

1:19 PM–1:27 PM

Courage Under Fire: Handling Challenging Situations at Work

Eric Edmonds, MD

1:28 PM–1:45 PM

Panel Discussion and Audience Q&A

1:50 PM–2:10 PM

Pacifica Ballroom 6-7

Break & Exhibits



GENERAL SESSION

2:15 PM–4:30 PM

Pacifica 6-7

Author's Preferred Techniques

Moderator: Robert Cho, MD

eModerator: Benjamin Shore, MD, MPH

This is an IPOS® signature session! Join our international faculty as they share master surgical techniques and soft skills in short, video-based presentations.

2:15 PM–2:16 PM

Introduction

Robert Cho, MD

2:17 PM–2:22 PM

Spinal Guided Growth in Early Onset Scoliosis (Shilla)

Scott Luhmann, MD

2:23 PM–2:28 PM

Juxtapedicular Pedicle Screws

Nicholas Fletcher, MD

2:29 PM–2:34 PM

Robotic Assisted Spine Surgery

Ron El-Hawary, MD, MSc

2:35 PM–2:41 PM

Discussion

2:42 PM–2:47 PM

Medial Open Reduction of the Hip

V. Salil Upasani, MD

2:48 PM–2:53 PM

Closed Reduction and Spica Cast for DDH

Wudbhav (Woody) Sankar, MD

2:54 PM–2:59 PM

Albee Osteotomy

Jennifer Laine, MD

3:00 PM–3:06 PM

Discussion

3:07 PM–3:12 PM

Leave No Metal Behind: Nometallic Distal Femoral Growth Modulation

Rachel Thompson, MD

3:13 PM–3:18 PM

Meniscus Preservation Surgery and Guided Growth for Discoid Meniscus

Javier Masquijo, MD

3:19 PM–3:24 PM

Tibial Osteotomy and Telescopic Nailing for Osteogenesis Imperfecta

Jeff Martus, MD, MS

3:25 PM–3:31 PM

Discussion

3:32 PM–3:37 PM

Quadricepsplasty for Congenital Knee Dislocation

Derek Kelly, MD

3:38 PM–3:43 PM

Minimally Invasive Posterior Calcaneal Osteotomy

Maryse Bouchard, MD, MSc

3:44 PM–3:49 PM

Congenital Pseudarthrosis of the Tibia

Philip McClure, MD

3:50 PM–3:56 PM

Discussion

3:57 PM–4:02 PM

Anterior Open Reduction for Supracondylar Humerus Fracture

Lindley Wall, MD, MSc

4:03 PM–4:08 PM

Pinning of the Posterior Lateral Supracondylar Humerus Fracture (Gartland IIIB)

Jonathan Schoenecker, MD, PhD

4:09 PM–4:14 PM

Two Surgeon Neuromuscular Spine

M. Wade Shrader, MD

4:15 PM–4:21 PM

Discussion and Audience Voting

4:22 PM–4:30 PM

Awards: Presentation of Resident Cases, Top Gun, and Author's Preferred Techniques

Derek Kelly, MD & Wudbhav (Woody) Sankar, MD



Children's Health



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 - **Meghan Imrie, MD**, Fellowship Accreditation Oversight Committee Chair, Ex Officio
 - **Kali Tileston, MD**, Communications Council chair
 - **John Vorhies, MD**, at-large member of the board and member of the annual meeting program committee
- **31%** growth in visits and surgeries in the last six years
- **70** active trials
- **47** publications and **84** presentations in 2025—and counting

Learn more



SATURDAY DAILY SCHEDULE

7:00 AM–8:00 AM

Pacifica Foyer

Breakfast

7:30 AM–9:35 AM

Pacifica 8-10

The Practicing PediPod 3: Education, Practice Management, and Finance

Moderator: Suken Shah, MD

This session is a must for Fellowship Program Directors and all aspiring leaders in pediatric orthopaedics: academic and clinical. We will dig into up-to-the-minute news on Peds Ortho Fellowships, updates on coding and billing, practice management of APPs, resources from the C-Suite, and Top 10 finance tips.

7:30 AM–7:42 AM

Fellowship Committee Update 2025 and Latest Survey Results

Michael Heffernan, MD

7:43 AM–7:51 AM

How We Bring the Best Out of Our Trainees

Stuart Mackenzie, MD

7:52 AM–8:00 AM

POSNA Safe Surgery Program and USNWR: Take It to the C-Suite

Kali Tileston, MD

8:01 AM–8:09 AM

How to Harness EPIC as a Workflow Powerhouse Rather than a Productivity Anchor

Bryan Tompkins, MD

8:10 AM–8:20 AM

Discussion and Audience Q&A

8:21 AM–8:31 AM

How a Technique Becomes a Code

R. Dale Blasier, MD

8:32 AM–8:44 AM

Billing and Coding Changes for Peds Ortho in 2025 and Strategies for the Future

Kevin Neal, MD

8:45 AM–8:52 AM

APPs in Peds Ortho: Split/Shared, Incident To, or Independent?

Valerie Parrish, PA-C

8:53 AM–9:01 AM

Discussion and Audience Q&A

9:02 AM–9:09 AM

Private Equity in Healthcare: What is it all about?

John Lovejoy III, MD

9:10 AM–9:19 AM

Top 10 Financial Tips for Orthopaedic Surgeons

Eric Shirley, MD

9:20 AM–9:30 AM

Discussion and Audience Q&A

9:31 AM–9:35 AM

Concluding Remarks

Suken Shah, MD

CONCURRENT SESSIONS

8:05 AM–9:35 AM

Coral Sea 1-2

When It Goes From Bad to Worse: Post Traumatic/Infectious Limb Deformity Treatment

Moderator: Jaime Denning, MD

eModerator: Aristides Cruz Jr., MD, MBA

Whether you like it or not, post traumatic deformity starts at the time of injury and bridges can start burning as soon as we lay our hands on complex injuries. Come learn how to keep your options open during acute management phase; stay to learn advanced techniques for treatment of post traumatic and post infectious deformity.

8:05 AM– 8:09 AM

Introduction

Philip McClure, MD

8:10 AM–8:15 AM

Soft Tissue Defects Associated With Fracture

Anthony Cooper, FRCSC

8:16 AM–8:21 AM

Reconstruction of Tibial Bone Defects: Masquelet

Thomas Dreher, MD

8:22 AM–8:27 AM

Reconstruction of Tibial Bone Defects: Transport

Alexandre Arkader, MD

8:28 AM–8:33 AM

Discussion

8:34 AM–8:39 AM

Distal Femur Physeal Fracture: Completion Epiphysiodesis

Virginia Casey, MD

8:40 AM–8:45 AM

Distal Femur Physeal Fracture: Bar Resection

Melinda Sharkey, MD

8:46 AM–8:51 AM

Distal Femur Physeal Fracture: Delayed Lengthening/Deformity Correction

Mike Tretiakov, MD

8:52 AM–8:57 AM

Discussion

8:58 AM–9:03 AM

Let's Focus On Keeping This Kid Alive

Matias Sepulveda Oviedo, MD

9:04 AM–9:09 AM

Medical Management of Osteomyelitis

Paige Wheaton, PA-C

9:10 AM–9:15 AM

Delayed Reconstruction of Post Infections Deformity

Philip McClure, MD

9:16 AM–9:21 AM

Discussion

9:22 AM–9:27 AM

Cubitus Varus

Donald Bae, MD

9:28 AM–9:33 AM

Upper Extremity Bone Defects

Apurva Shah, MD

9:34 AM–9:35 AM

Conclusion

Philip McClure, MD

SATURDAY DAILY SCHEDULE

8:05 AM–9:35 AM

Java Sea 1-2

Pediatric Hip Conditions: SCFE and Perthes

Moderator: Jonathan Schoenecker, MD, PhD

Gain a foundational understanding of SCFE and Perthes and then embark on a journey into the more controversial approaches to treating these conditions.

8:05 AM–8:09 AM

Setting the Stage

Jonathan Schoenecker, MD, PhD

8:10 AM–8:14 AM

Perthes: A Childhood Mystery

Jonathan Schoenecker, MD, PhD

8:15 AM–8:19 AM

SCFE: Slipping Through Growth

V. Salil Upasani, MD

8:20 AM–8:24 AM

Case-Based Questions

Scott Rosenfeld, MD & Perry Schoenecker, MD

8:25 AM–8:29 AM

Acute Perthes: Contain the Pain

Manoj Ramachandran, MBBS

8:30 AM–8:34 AM

Acute SCFE: Stabilize or Realign?

Scott Rosenfeld, MD

8:35 AM–8:39 AM

Interactive Case Discussion

V. Salil Upasani, MD

8:40 AM–8:44 AM

Perthes: Reshaping the Future

Wudbhav (Woody) Sankar, MD

8:45 AM–8:49 AM

SCFE: Rebuilding Stability

Matthew Schmitz, MD

8:50 AM–8:59 AM

Case Discussion/Questions

Manoj Ramachandran, BSc, MBBS, MRCS, FRCS & Perry Schoenecker, MD

9:00 AM–9:29 AM

Clash of Techniques: SCFE & Perthes Debate Panel

9:30 AM–9:35 AM

Ask the Experts

Jonathan Schoenecker, MD, PhD

BREAKOUT SESSIONS

9:45 AM–11:00 AM

Coral Sea 1-2

Essentials of Pediatric Orthopaedics III: Neonatal Orthopaedics

Moderator: Jaime Denning, 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.

9:45 AM–9:46 AM

Intro to Essentials III

Jaime Denning, MD

9:46 AM–9:52 AM

Neonatal Foot

Jaime Denning, MD

9:53 AM–9:58 AM

Neonatal Knee

Matias Sepulveda Oviedo, MD

9:59 AM–10:05 AM

Neonatal Hip

Virginia Casey, MD

10:06 AM–10:12 AM Discussion

10:13 AM–10:18 AM

Approach to Brachial Plexus

Birth Palsy

Chris Stutz, MD

10:19 AM–10:25 AM

Approach to Congenital Upper Extremity Deformity

Sebastian Farr, MD

10:26 AM–10:32 AM

Approach to Congenital Lower Extremity Deformity

Anthony Cooper, FRCSC

10:33 AM–10:39 AM Discussion

10:40 AM–10:46 AM

Nonaccidental Trauma and Mimickers of Abuse

Michelle Caird, MD

10:47 AM–10:53 AM

Common Genetic Syndromes and Dysplasias of Orthopaedic Importance

Brian Scannell, MD

10:54 AM–11:00 AM Discussion

9:45 AM–11:00 AM

Pacifica 3-5

Show Me Your Worst! A Discussion of Complex Foot and Ankle Cases with Global Experts

Moderator: Maryse Bouchard, MD, MSc

Current faculty and IPOS® alumni engage the crowd in discussing complex foot and ankle cases.

9:45 AM–9:50 AM

Welcome Remarks

Maryse Bouchard, MD, MSc

9:51 AM–11:00 AM

Case Discussion

Case Presenter: Maryse Bouchard, MD, MSc

Panelists: Derek Kelly, MD; Philip McClure, MD; Javier Masquijo, MD; Kenneth Noonan, MD; Anthony Riccio, MD; Melinda Sharkey, MD; Vishwas Talwalkar, MD

SATURDAY DAILY SCHEDULE

9:45 AM–11:00 AM

Pacifica 8-10

Back Pain and Spondy

Moderator: Robert Cho, MD

An advanced-level session with further focus on the sagittal plane, including spondy and an assortment of diagnoses associated with back pain.

9:45 AM–9:50 AM

Back Pain 101

Michelle Welborn, MD

9:51 AM–9:56 AM

Spondylolisthesis: Diagnosis and Investigations

Michael Glotzbecker, MD

9:57 AM–10:02 AM

Spondylolisthesis: Non-Operative Treatment

Jeff Martus, MD, MS



10:03 AM–10:08 AM

Spondylolisthesis: Operative Treatment

Firoz Miyanji, MD

10:09 AM–10:16 AM Discussion

10:17 AM–10:20 AM

Spondylolysis/Spondylolisthesis Cases Presentation

Ron El-Hawary, MD, MSc

10:21 AM–10:30 AM Case Discussion

10:31 AM–10:35 AM

Back Pain and Scoliosis

A. Noelle Larson, MD

10:36 AM–10:40 AM

Pediatric Disc Pathology and Apophyseal Ring Injuries

Michael Vitale, MD, MPH

10:41 AM–10:45 AM

Benign Lesions of the Spine

Scott Luhmann, MD

10:46 AM–10:50 AM

The Weird (and Not So Wonderful Causes) of Pediatric Back Pain

Jaysson Brooks, MD

10:51 AM–11:00 AM Discussion

11:00 AM

Pacifica Foyer

Farewell Grab & Go

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ARTIFICIAL INTELLIGENCE/
MACHINE LEARNING**ePoster #1****Assessing the Accuracy, Understandability, and Safety of AI-Derived Information for Legg-Calvé-Perthes Disease**

M. Lane Moore, MD, MBA; Cameron Hrabak, BS; Ashley Brudzinski, BS; Eugenia Lin, MD; Jack M. Haglin, MD
Mayo Clinic Arizona Department of Orthopedic Surgery, Phoenix, AZ

FOOT & ANKLE

ePoster #2**Minimally Invasive Percutaneous Technique for Juvenile Hallux Valgus (JHV): Functional Outcomes and Postoperative Protocol for early return to school**

Carolina Halliburton, MD, AAOT, SAMECIPP; Gala Santini Araujo MD, AAOT, SAMECIPP; Virginia Cafruni, MD, AAOT, SAMECIPP; Surya Kohan, MD, AAOT; Belen Spinelli, MD; Santiago Bosio, MD AAOT, SAOTI; Miguel Puigdevall, MD, AAOT, SAOTI
Hospital Italiano de Buenos Aires, Buenos, Argentina

ePoster #3**A Parsimonious Pre and Postsurgical Model to Predict Two-Year Under-Correction After Planovalgus Surgery in Children with Cerebral Palsy: Development, Internal Validation, and Web Calculator**

Ana L. Arenas D. MD, PhD; Carlos A. Guzman M. MD, MsC
Shriners Children's Mexico, Coyoacán Mexico City, Mexico

ePoster #4**Comparative Outcome Analysis Following Pilon Fracture Fixation in Pediatric and Adult Patient Populations**

Haad A. Arif, MD; Devan Devkumar, MD; Pearce Lane, MD; Shane Strom, MD
University of Alabama at Birmingham, Birmingham, AL

ePoster #5**Concentrated Bone Marrow Aspirate with Extracellular Matrix Grafting for Osteochondral Lesions of the Talus in Pediatric and Adolescent Patients**

Joshua T. Bram, MD; Ruth H. Jones, BA; Samuel Beber, MSc; David Cho, BA; Mark C. Drakos, MD; Peter D. Fabricant, MD, MPH
Hospital for Special Surgery, New York, NY

ePoster #6**Do Radiographic Diagnostic Criteria Accurately Differentiate CVT and COT? A Validation Study**

Abdi Abud, MD; Chauna Weyermuller, DNP APRN; Smitha E. Mathew, MBBS; Robin High, MA
University of Nebraska Medical Center, Omaha, NE

ePoster #7**Impact of the Ponseti Method on Functionality in Patients with Clubfoot and Arthrogryposis Multiplex Congenita: A Comparative Analysis of Surgical Outcomes**

Ana L. Arenas, D. MD, PhD; Erika A. Barron, T. MD; Clemente Hernandez, G. MD; Carlos A. Guzman, M. MD, MsC
Shriners Children's Mexico, Coyoacán Mexico City, Mexico

ePoster #8**Treatment of Pediatric Pes Planovalgus with Calcaneal Lengthening Osteotomy Using Titanium Wedge Implants: Preliminary Results**

Toren Moore, MD; Asahi Murata, MPH; Josiah Wolf, BS; Kirsten Tulchin-Francis, PhD; Allen Kadado, MD
Nationwide Children's Hospital, Grove City, OH

ePoster #9**Wedge Reduction Osteotomy for Symptomatic Accessory Navicular: Preserving Posterior Tibial Tendon and Reducing Medial Prominence**

Ravi Rajendra, MD; Shivan Chokshi, MD; William K. Accousti, MD
Louisiana State University Health Sciences Center - New Orleans, New Orleans, LA

HAND & UPPER EXTREMITY

ePoster #10**Bowing Fractures in Pediatric Patients: Recognizing, Measuring, and Managing the Hidden Injury**

Caitlin Wetzel, OMSII, MS, ATC; Matthew Rohl, OMSII; Taylor Manes, DO
Ohio University - Heritage College of Osteopathic Medicine, Dublin, OH

ePoster #11**Forearm Pronation Deformity in Pediatric Cerebral Palsy: A Systematic Review of Nonsurgical and Surgical Management**

Julienne Ryland, DO; Sara Rogers; Shray Kumar; Julie Samora MD, PhD
Akron Children's Hospital, Akron, OH

ePoster #12**From Fracture to Contracture: Predictors of Elbow Stiffness following Medial Epicondyle Fractures**

Amanda M. Moser, BA; Sayaka Mori, BA; Sulagna Sarkar, MS; Edward H. Dockery AB; M. Claire Manske, MD; Apurva S. Shah, MD, MBA
Children's Hospital of Philadelphia, Philadelphia, PA

ePoster #13**Incidence and Risk Factors for Scaphoid Fracture Nonunion in Children**

Simon Blanchard, BS; Dev Laungani, BA; Stone R. Streeter, BS; Casey Kuka, BS; Sayaka Mori, BA; Edward H. Dockery, AB; Scott J. Mahon, BS; Sulagna Sarkar, MS; Apurva S. Shah, MD, MBA
Children's Hospital of Philadelphia, Philadelphia, PA

ePoster #14**Lower Socioeconomic Status Is Associated with Delayed Specialist Presentation and Prolonged Rigid Immobilization in Children with Scaphoid Fractures**

Stone R. Streeter, BS; Simon Blanchard, BS; Dev Laungani, BA; Edward H. Dockery, AB; Sayaka Mori, BA; Sulagna Sarkar, MS; Apurva S. Shah, MD, MBA
Children's Hospital of Philadelphia, Philadelphia, PA

ePoster #15

Surgical and Nonsurgical Treatment of Pediatric Monteggia Fractures: A Systematic Review

Hannah Thompson, BS; Julie Samora, MD, PhD
University of Toledo College of Medicine and Life Sciences, Toledo, OH

ePoster #16

The Effect of Therapy Dog Presence on Pediatric Pain and Anxiety During Pin Removal Following Closed Reduction and Percutaneous Pinning of Supracondylar Humerus Fractures: A Randomized Controlled Study

Haad A. Arif, MD; Emilio Feijoo, MD; Kevin A. Williams, MD; Shane Strom, MD; Philip Ashley, MD; Scott Doyle, MD; Shawn Gilbert MD; Michael J. Conklin MD
University of Alabama at Birmingham, Birmingham, AL

ePoster #17

What is the Risk of Scaphoid Fracture in Children with Suspected Fracture but Negative Screening Radiographs?

Simon Blanchard, BS; Stone R. Streeter, BS; Dev Laungani, BA; Sayaka Mori, BA; Edward H. Dockery, AB; Sulagna Sarkar, MS; Apurva S. Shah, MD, MBA
Children's Hospital of Philadelphia, Philadelphia, PA

HIP

ePoster #18

Pathogen Virulence and Host Response: Determinants of Severe Illness in Childhood Musculoskeletal Infection

Sarah Hunter, MBChB, MHSC; Haemish Crawford, MBChB, FRACS; Jonathan Schoenecker, MD, PhD
University of Auckland, Vanderbilt University Medical Center, Auckland, New Zealand

ePoster #19

Automated Measurement of Hip Minimum Joint Space Width on AP Pelvic Radiographs: A Tool for Longitudinal Monitoring of Pediatric Hip Morphology

Lainey G. Bukowiec, MD; Anish Kanabar; Miguel M. Girod-Hoffmann,

Sami Saniei, Sofia Sierra, Cody C. Wyles, MD
Mayo Clinic, Rochester, MN

ePoster #20

In Situ Pinning for Slipped Capital Femoral Epiphysis: Conversion to Hip Arthroplasty and Patient Reported Outcomes at Long-Term 20 Years Follow Up

Quinn Johnson, MD; Emil Varas, MPH; Anthony Stans, MD; Todd Milbrandt, MD; Noelle Larson, MD; Mario Hevesi, MD, PhD; Rafael Sierra, MD; Emmanouil Grigoriou, MD
Mayo Clinic, Rochester, MN

ePoster #21

Inpatient Versus Outpatient Treatment of SCFE: A Cost Analysis

Elizabeth Brown, MD; Destiny Wilson, BS; Hunter Lawrence, BS; Robert D. Blasier, MD; Scott Schoenleber, MD; Brien Rabenhorst, MD
Arkansas Children's Hospital, Little Rock, AR

ePoster #22

Legg-Calvé-Perthes, Meyer Dysplasia, or Something Else: Describing Another Form of Epiphyseal Irregularity in Growing Hips

Stone R. Streeter, BS; Olivia C. Ullmann, BA; Wudbhav N. Sankar, MD
The Children's Hospital of Philadelphia, Philadelphia, PA

ePoster #23

Nationwide Epidemiological and Demographic Trends of Legg-Calvé-Perthes Disease: A 10-Year Analysis

Dev Laungani, BA; Divya Talwar, PhD, MPH; Olivia Ullmann, BA; Sulagna Sarkar, MS; Wudbhav N. Sankar, MD
Children's Hospital of Philadelphia, Philadelphia, PA

ePoster #24

Periacetabular Osteotomy (PAO) Surgical Trends in Adolescents, 2016-2024

Louise Atadja, MD; Halle D. Freiman MD, MS; Marissa Moncata, BS; Ramy A. Ramy, BA; Andrew E. Jimenez, MD, FAAOS; Corinna C. Franklin, MD, AB, FAOA
Yale University, New Haven, CT

ePoster #25

Social Determinants of Health (SDoH) Not Predictive of Delay to Diagnosis or Treatment for Slipped Capital Femoral Epiphysis (SCFE)

Arun K. Mowva, BA; Emily L. DeMaio, MD; Ilona Lukina, BA; Bryce E. Maxwell, BS; Romie F. Gibly, MD, PhD; Neeraj M. Patel, MD, MPH, MBS
Ann & Robert H. Lurie Children's Hospital of Chicago, Chicago, IL

ePoster #26

Weight Bearing Restrictions Following In Situ Screw Fixation for Slipped Capital Femoral Epiphysis

Grace E. Peterson, MD; Jessica C. Flakne, MD; Philip D. Nowicki, MD, FAAOS
Helen Devos Children's Hospital, Grand Rapids, MI

LOWER EXTREMITY/ DEFORMITY

ePoster #27

Intramedullary Femoral Lengthening Following THA for Hip Dysplasia in the Pediatric Population

Ainsley Bloomer, MD; John Masonis, MD; Virginia Casey, MD
OrthoCarolina; Atrium Health Musculoskeletal Institute
OrthoCarolina, Charlotte, NC

ePoster #28

A Safe Tool for a Challenging Problem: Outcomes Using Cryopreserved Viable Chondrocyte Osteochondral Allograft for Patellar Chondral Defects in Adolescents

Stone R. Streeter, BS; Brendon C. Mitchell, MD; Casey Kuka, BS; Meg Bowen, BS; Akbar N. Syed, MD; Alexandra M. Olson, BA; Brendan A. Williams, MD; Theodore J. Ganley, MD; J. Todd R. Lawrence, MD, PhD
Children's Hospital of Philadelphia, Philadelphia, PA

ePoster #29**Assessment of Leg Length Discrepancies and Associated Changes Throughout Childhood in Patients with Klippel-Trenaunay Syndrome**

Amber Paige McCranie, KPOS; Yoon Hae Kwak, KPOS
Asan Medical Center, Seoul, Seoul

ePoster #30**Delayed Diagnosis of Pediatric Scurvy: A Case Series Highlighting the Role of Orthopedic Involvement in Diagnostic Recognition and Clinical Course**

Sahil A. Jha, BS; Kristina S. Walick, MD
University of Michigan, Department of Orthopaedic Surgery, Ann Arbor, MI

ePoster #31**Immediate Versus Semi-elective Treatment of Stable Slipped Capital Femoral Epiphyses (SCFE)**

Alexandra M. Dunham, MD; Andrew G. Dubina, MD; Nichole M. Shaw, MD; Julia L. Conroy, BS; Paul D. Sponseller, MD; Joshua M. Abzug, MD
University of Maryland, Baltimore, MD

ePoster #32**Normative Pediatric Distal Femur and Proximal Tibial Morphology: Implications for Deformity Analysis and Correction**

Daniel McBride, BS, Emily Louise DeMaio, MD, Ilona Lukina, BA, Romie F. Gibly MD, PhD
Ann & Robert H. Lurie Children's Hospital of Chicago, Chicago, IL

ePoster #33**Still Too Complex: Online Pediatric Septic Arthritis Materials Exceed Recommended Reading Levels**

Nicholas Pettinelli, DO, MS; Madison Blackwell, DO; Mark Schwartz, DO
Saint Francis Children's Hospital/ Oklahoma State University Orthopedic Surgery Residency, Tulsa, OK

NEUROMUSCULAR & CEREBRAL PALSY**ePoster #34****National Trends in Orthopaedic Surgical Procedures Among Adults with Spina Bifida: A MarketScan Database Study**

Haad A. Arif, MD; Emilio Feijoo, MD; Ellie Starnes, MD; Alexis Rutland, MS; Betsy D. Hopson, PhD; Anastasia Smith, DrPh, MPH; Vamsisai Krishna Morla, PharmD, MPH; Gerald McGwin, PhD; Michael J. Conklin, MD
University of Alabama at Birmingham, Birmingham, AL

ePoster #35**Rate of Relapse of Hip Displacement after Hip Reconstruction in Patients with Spinal Muscular Atrophy vs Cerebral Palsy**

Kylie Krombholz, BS; Tarek Obeid, BS; Kenneth Kersey, BA; Emily Craver, MS; Mona Doshi, PhD; Eddie Geagea, MD; Joseph Khoury, MD
Nemours Children's Health, Orlando, FL

ePoster #36**The Influence of Malnutrition on Complication Rates Following Posterior Spinal Fusion in Pediatric Neuromuscular Patients: A Matched Cohort Analysis**

Haad A. Arif, MD; Devan Devkumar, MD; Ashleigh Pyle, BS; Phillip Ashley, MD; Shane Strom, MD; Shawn Gilbert, MD; Scott Doyle, MD; Michael Conklin, MD
University of Alabama at Birmingham, Birmingham, AL

ePoster #00**Altered Clot Kinetics in Children with Cerebral Palsy Undergoing Spinal Fusion: Insights from Thromboelastography**

Jessica Siragusa, MBA; Will EINemer, BS; Sydney Thai, BS; Paul D. Sponseller, MD
Johns Hopkins Medical Institute

PRACTICE MANAGEMENT**ePoster #37****Epidemiology of Bone and Joint Infection in Pacific Children from the Auckland Region, 2018-2023**

Sarah Hunter, MBChB, MHSC; Elsie Brown, MBChB; Corina Grey, MBChB, PhD
University of Auckland, Starship Hospital, Auckland, New Zealand

ePoster #38**Dermatological Complications in Pediatric Orthopedic Casts: A Single-Center Prospective Study**

Sydney Smith, MD; Lynchi Nguyen, BS; Alice Lee, BA; Kelly Carmichael, MD
University of Texas Medical Branch, Galveston, TX

ePoster #39**Expert Witness Service in Pediatric Orthopedic Surgery Medical Malpractice Litigation**

Ashleigh Pyle, BS; Haad A. Arif MD; Devan Devkumar, MD; Simon T. Moore, BS; Kevin A. Williams, MD; Michael J. Conklin, MD; Shawn Gilbert, MD
University of Alabama at Birmingham, Birmingham, AL

ePoster #40**From the OR to the Court Room: Trends in Pediatric Orthopaedic Surgery Medical Malpractice Litigation**

Haad A. Arif MD; Devan Devkumar, MD; Ashleigh Pyle, BS; Simon T. Moore, BS; Kevin A. Williams, MD; Michael J. Conklin, MD; Shawn Gilbert, MD
University of Alabama at Birmingham, Birmingham, AL

ePoster #41**Surgeons on Social: Dissecting the Impact of Social Media Across Orthopedic Subspecialties**

Hans K. Nugraha, MD; Antonio DaCosta, BS; Darin Roberts, MD; Arun R Hariharan, MD, MS

ePoster #42**The Usage of "Trend" Statements in Pediatric Orthopaedic Literature**

Haad A. Arif, MD; Ashleigh N. Pyle, BS; Shamar T. Elliott, BS
Children's of Alabama, Birmingham, AL

QUALITY, SAFETY, VALUE INDICATORS

ePoster #43

Risks for Childhood Bone and Joint Infection: A Case Control Study

Sarah Hunter, MBChB, MHSC; Elsie Brown, MBChB; John Mutu-Grigg, MBChB, FRACS; Haemish Crawford, MBChB, FRAC; Vanessa Selak, MBChB, MPH, PhD; Cameron Grant, MBChB, FRACP, PhD

University of Auckland, Starship Hospital, Auckland Orthopaedic Ltd, Auckland, New Zealand

ePoster #44

Evaluating Empiric Antibiotic Selection for Pediatric Osteomyelitis in a Low-MRSA Setting

Brandon W. Barsky, MD, FAAP, CAQSM; Ashley Ellingwood, BS; Brittanee Randle; James D. Bomar, MPH; Nanda Ramchandrar, MD; V. Salil Upasani, MD
Rady Children's Hospital, San Diego, CA

ePoster #45

Reassessing the Utility of Routine Pathology for Explanted Orthopedic Hardware: A Single-Center Review

Paige E. Warner, BS; Alexander M. Park, BS; Michael W. Brown, BS; Mehdi Elfilali, BA; Joshua Choi, MHA; Matthew Weintraub, BSE; Omar Taha, BS; McKenzie Mayer, BSA; Christen Russo, MD
Columbia University Irving Medical Center, New York, NY

ePoster #46

Standardization of X-ray Images in Closed Reductions of Radius and Ulna Fractures in the ER Using C-arm

Shellye Crawford, RN, CPNP; Emily Davenport, PA-C; Christine Ho, MD
Children's Medical Center Dallas, Dallas, TX

ePoster #47

Youth with Eating Disorders Have a Higher 3-Month Rate of Postoperative Complications Following Common Orthopedic Surgeries

Sahil A. Jha, BS; Daniel G. Whitney, PhD; Matthew Stepanovich, MD; Kristina Walick, MD
University of Michigan, Department of Orthopaedic Surgery, Ann Arbor, MI

SPINE

ePoster #48

Disparities in the Care of Patients with Adolescent Idiopathic Scoliosis

Jessica Westfall, MSN, APRN-CNP; Shray Kumar, BS; Kenzie D. Lundqvist, MD; Richard P. Steiner, PhD; Lorena V. Floccari, MD
Akron Children's Hospital, Akron, OH

ePoster #49

Image-Guided Injection for Adolescent Spondylolysis Pain

Jared B. Hinton, BS; Ani S. Kazanjian, MD, MPH; Matthew B. Holloway, MD; Colin Rhoads, DO; Janice D. McDaniel, MD; Kenzie D. Lundqvist, MD; Richard P. Steiner, PhD; Lorena V. Floccari, MD
Akron Children's Hospital, Akron, OH

ePoster #50

Impact of MCGR Orientation on Accumulated Growth and Complication Rates

Simon Blanchard, BS; Thomas A. Coleman, BS; Loren Floccari, MD; Joshua Pahys, MD; Jacob Jordan, BS; Sulagna Sarkar; John W. Stelzer; Paul Sponseller, MD; Tenner Guillaume, MD; Oheneba Boachie-Adjei, MD; Michael Vitale, MD; Peter Sturm, MD; John M. Flynn, MD; Jason B. Anari, MD
Children's Hospital of Philadelphia, Philadelphia, PA

ePoster #85

Implementation of Targeted School Scoliosis Screening to Address Disparities in the Care of Patients with Adolescent Idiopathic Scoliosis: A Quality Improvement Project

Jessica Westfall, MSN, APRN-CNP; Shray Kumar, BS; Alexandria N. Rundell, Kenzie D. Lundqvist, MD; Richard P. Steiner, PhD; Lorena V. Floccari, MD
Akron Children's, Akron, OH

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Impact of Preoperative Mental Health Disorders on Postoperative Outcomes in Patients with Adolescent Idiopathic Scoliosis Undergoing Surgery

Emily K. Vallee, BS; Ellen Lutnick, MD; Alexander Yunke, BS; Maxwell M. Scott, MD; Lauren M. Harte, MD; Allison S. Binkley, MD; Michael R. Ferrick, MD; Jeremy P. Doak, MD
Jacobs School of Medicine and Biomedical Sciences, University at Buffalo, Buffalo, NY

ePoster #52

It Takes a Village: The Institutional Learning Curve of Pediatric Scoliosis Surgery

Lauren Lapsley, BS; Reed Windom, BS; Anna Pellegrino, MD; Dustin A. Greenhill, MD, FAOA, FAAOS
St. Luke's University Health Network/ St. Luke's Children's Hospital, Bethlehem, PA

ePoster #53

Lower Socioeconomic Status is Associated with Delayed Presentation for Juvenile and Adolescent Idiopathic Scoliosis

Stone R. Streeter, BS; Thomas A. Coleman, BS; Alisha Mohanty; Sulagna Sarkar, MS; Jason B. Anari, MD; Patrick J. Cahill, MD
Children's Hospital of Philadelphia, Philadelphia, PA

ePoster #54

"Baby" Jefferson Fractures Through the C1 Synchronosis: Case Series

Stone R. Streeter, BS; Kyung Jin Park, BA; Zaid Elsabbagh, BS; Paul D. Sponseller, MD, MBA
Johns Hopkins Medical Institutes, Baltimore, MD

ePoster #55

Mastergraft is Effective for Posterior Spinal Fusion in Patients with Juvenile or Adolescent Idiopathic Scoliosis

Conner J. Paez, MD; Alexandria N. Rundell; Richard P. Steiner; Lorena V. Floccari, MD
Akron Children's, Akron, OH

ePoster #56**Novel Posterior Column Osteotomy Technique May Improve Deformity Correction in Adolescent Idiopathic Scoliosis**

Naveed Nabizadeh, MD; Taghi Ramazanian, MD; Michael Read, MD; Tyler Anderson, MD; Joseph Khoury, MD; Ryan Ilgenfritz, MD; Eddie Geagea, MD; Alec Stall, MD
Nemours Children's Health, Orlando, FL

ePoster #57**Prediction of Patients' Heights Following Growth Friendly Surgery**

John W. Stelzer, MD; Simon L. Blanchard, BS; Thomas A. Coleman, BS; Sulagna Sarkar, MS; Jacob Jordan, BS; Amer Samdani, MD; Burt Yaszay, MD; John M. Flynn, MD; Jason B. Anari, MD; Pediatric Spine Study Group; Patrick J. Cahill MD
Children's Hospital of Philadelphia, Philadelphia, PA

ePoster #58**Radiographic and Clinical Outcomes After Vertebral Body Tethering in Scoliosis Patients**

Mary Francis Garcia, BS; Kelsy Hideshima, MD; Mandeep Chhokar, BS; Rolando Roberto, MD Shriners' Hospitals for Children Northern California, Henderson, NV

ePoster #59**The Effect of Hospital Characteristics and Volume on Perioperative Outcomes Following Anterior Vertebral Body Tethering: A National Analysis Using the Kids' Inpatient Database**

William Pavlis, MD, MPH; Victoria Hinchberger, BS; Levi Travis, BS; Ryan Hellinger, BA; Natalie Blanc, BS; Brian Grottkau, MD, MBA
University of Miami/Jackson Memorial Hospital, Miami, FL

ePoster #60**Vertebral Column Resection and Hemivertebra Excision: The Role of Age, Weight, Surgical Constructs and Their Effects on Successful Surgical Correction in Congenital Scoliosis**

Mary Francis Garcia, BS; Kelsey Hideshima, MD; Mandeep Chhokar, BS; Rolando Roberto, MD
Shriners' Hospitals for Children Northern California, Henderson, NV

SPORTS**ePoster #61****After ACL Injury in Children and Adolescents, Where in the Preoperative Timeline do Disparities in Timing and Clinical Course Originate?**

Patrick England, MD; Michelle Nutescu, BS; Samuel I. Rosenberg, MD; Elizabeth H. Merritt, BS; Neeraj M. Patel, MD, MPH, MBS
Ann and Robert H. Lurie Children's Hospital of Chicago, Chicago, IL

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Stone R. Streeter, BS; Martha Kebeh, BA; Kevin Xu, BA; Elliot M. Greenberg DPT, PhD; Valentina Graci, PhD; Kevin M. Landrum, BS; Sulagna Sarkar, PhD; Theodore J. Ganley, MD
Children's Hospital of Philadelphia, Philadelphia, PA

ePoster #63**Diagnostic Arthroscopy Is Useful in Identifying Patellofemoral Chondral Lesions Missed by MRI in Pediatric Patients Undergoing MPFLR**

Romir P. Parmar, BS; Amy Keane, BS; Sailesh V. Tummala, MD; Eugenia Lin, MD; Neeraj Vij, MD; Heather Menzer, MD; Jeffrey Vaughn, DO
Phoenix Children's Hospital, Phoenix, AZ

ePoster #64**Epidemiological Trends in Pediatric Racquet Sport-Related Extremity Injuries: A 20-Year Analysis**

Dev Laungani, BA; Devin Genderson, BS; Monika Thothadri, PharmD, MPH; Theodore J. Ganley, MD
The Children's Hospital of Philadelphia, Philadelphia, PA

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Haad A. Arif, MD; Pearce Lane, MD; Kevin A. Williams, MD
University of Alabama at Birmingham, Birmingham, AL

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Jaime Anne Morley, MS, PA-C
The Pediatric Orthopedic Center, Cedar Knolls, NJ

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Simon Blanchard, BS; Martha Kebeh, AB; Morgan Swanson, BA; Nathan Chaclos, MD; Devin Genderson, BS; Divya Talwar PhD, MPH, BDS; Sulagna Sarkar, MS; Theodore Ganley, MD
The Children's Hospital of Philadelphia, Philadelphia, PA

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The Impact of Mechanism of Injury on Postoperative Recovery and Return to Sport Readiness in Adolescent Athletes with ACL Rupture

Stone R. Streeter, BS; Brendon C. Mitchell, MD; Kevin Landrum, BS; Kevin Xu, BA; Devin Genderson, BS; Akbar Syed, MD; J. Todd Lawrence, MD, PhD; Brendan A. Williams, MD; Theodore J. Ganley, MD; Christopher J. DeFrancesco, MD
The Children's Hospital of Philadelphia, Philadelphia, PA

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The Impact of Mechanism of Injury on Presenting Characteristics in the Adolescent with ACL Rupture

Stone R. Streeter, BS; Brendon C. Mitchell, MD; Kevin Landrum, BS; Kevin Xu, BA; Devin Genderson, BS; Akbar Syed, MD; J. Todd Lawrence, MD, PhD; Brendan A. Williams, MD; Theodore J. Ganley, MD; Christopher J. DeFrancesco, MD
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ePoster #70

Trends In Elbow Ulnar Collateral Ligament Injury Management in Youth Athletes

Dev Laungani, BA; Stone R. Streeter, BS; Sulagna Sarkar, MS; Kevin Xu, BA; Brendon C. Mitchell, MD; Apurva S. Shah, MD, MBA; Joseph L. Yellin, MD
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ePoster #71

Tumbling Athletes Sustain Highest Rate of Bilateral Elbow Osteochondritis Dissecans Lesions and May Benefit from Screening

Brendon C. Mitchell, MD; Kevin Landrum, BS; Gavin Rallis, MD; Stone R. Streeter, BS; Monika Thothadri, PharmD; MPH, Casey Kuka, BS; Rishika Pasula, BS; Akbar N. Syed, MD; Joseph Yellin, MD; Apurva Shah, MD; Theodore J. Ganley, MD; J. Todd R. Lawrence, MD
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SYNDROMES, DYSPLASIA, & GENETIC CONDITIONS

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Austin Cronen, BS; Colby Nielsen, MD; Reggie Hamdy, MD, FRCS; Mohan V. Belthur, MD, FRCS, FAAOS
The University of Arizona College of Medicine - Phoenix, Phoenix, AZ

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Genetic Anomalies and Biomarker Differences in Metastatic Ewing Sarcoma When Compared with Primary Tumors

Carly Mitchell; Sarah Voskamp; Hritik Nerusu; Eddie Geagea, MD; Anand Deepti, PhD; Jennifer Nelson, MD, MS; John Lovejoy, MD, FAAOS
UCF College of Medicine, Orlando, FL

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Screening for Developmental Dysplasia of the Hip in Breech Preterm Infants: Current Knowledge and Practices from Obstetrics, Pediatrics and Orthopedics

Angela C. Judd, MD; Abhinav Parikh, MD MSc. FAAP
New York-Presbyterian Brooklyn Methodist Hospital, Brooklyn, NY

TRAUMA

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"SPEED" an Outpatient Surgical Pathway Reduces Inpatient Stays and NPO Times for Urgent Pediatric Fractures

Malini Anand, MD; Megan R. Terle, MD; Holly B. Leshikar, MD, MPH
University of California Davis Health, Sacramento, CA

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Early Physeal Bar Formation after Operative Versus Nonoperative Treatment of Salter Harris III and IV Medial Malleolus Fractures in Children

Jacob D. Kodra, BS; Milan Patel, MD; Ankit Choudhury, BA; Sean Rodriguez, BA; Jacob Matthews, BA; Bridget K. Ellsworth, MD
Medical College of Wisconsin, Milwaukee, WI

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Incidence of Deep Vein Thrombosis and Pulmonary Embolism Following Pediatric Femoral Shaft Fracture

Daniel Cho, BS; Joshua Wang, MS; Neha Jayarajan, BS; Cameron Bowers, BS; Sydney Smith, MD; William M. Weiss, MD, MSc, FRCSC, FAANA, FAAOS
University of Texas Medical Branch, Galveston, TX

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Pediatric Lateral Condyle Fractures: Pins Or Screw?

Alexander B. White, MD; Risa Reid, MD; Dillon G. Graham, MD; Kennedy Gachigi, BS; Caleb Michalek, BS; Virginia Casey, MD
Atrium Health Carolinas Medical Center, Charlotte, NC

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Dhairya Shukla, MD; Jackson Kyser, BS; Keith Grega, BS; Dilan Prasad, BS; Kevin Valdes, BS; Dustin A. Greenhill, MD, FAOA, FAAOS
St. Luke's University Health Network/
St. Luke's Children's Hospital,
Bethlehem, PA

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Eugenia Lin, MD; Katelyn Koschmeder, MD; Annika Hiredesai, BS; Jay Patel, BS; Collin Braithwaite, MD; Mohanad Youssef, MD; Adam Milam, MD, PhD; Jessica Burns, MD; Joshua Bingham, MD
Mayo Clinic Arizona, Phoenix, AZ

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Michael Cennane, BS; Kevin Valdes, BS; Emily Adams, BS; Harrison Pajor, BS; Dustin A. Greenhill, MD, FAOA, FAAOS
St. Luke's University Health Network/
St. Luke's Children's Hospital,
Bethlehem, PA

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Kelsey Henderson, MD; Robert Dale Blasier, MD, MBA; Scott Schoenleber, MD; Regis Renard, MD, MS; Derek Krinock, MD; Savannah Walker, MD; Nathania Nischal, BS; Taylor Arnold, BS
University of Arkansas Medical Sciences, Little Rock, AR

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Paraskevi Limberatos, MD; Spencer M. Richardson, MD; Laura Bess, MD; Gunnar Tysklind, MD; Robert J. Bielski, MD
Riley Hospital for Children at Indiana University Health, Indianapolis, IN

ePoster #84**Transphyseal Rigid Tibial Nailing in Skeletally Immature Adolescents for the Treatment of Tibial Shaft Fractures: Is it Safe?**

Jacob D. Kodra, BS; Jacob Matthews, BA; Milan Patel, MD; Sean Rodriguez, BA; Bridget K. Ellsworth, MD
Medical College of Wisconsin, Milwaukee, WI

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

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

David D. Spence, M.D.

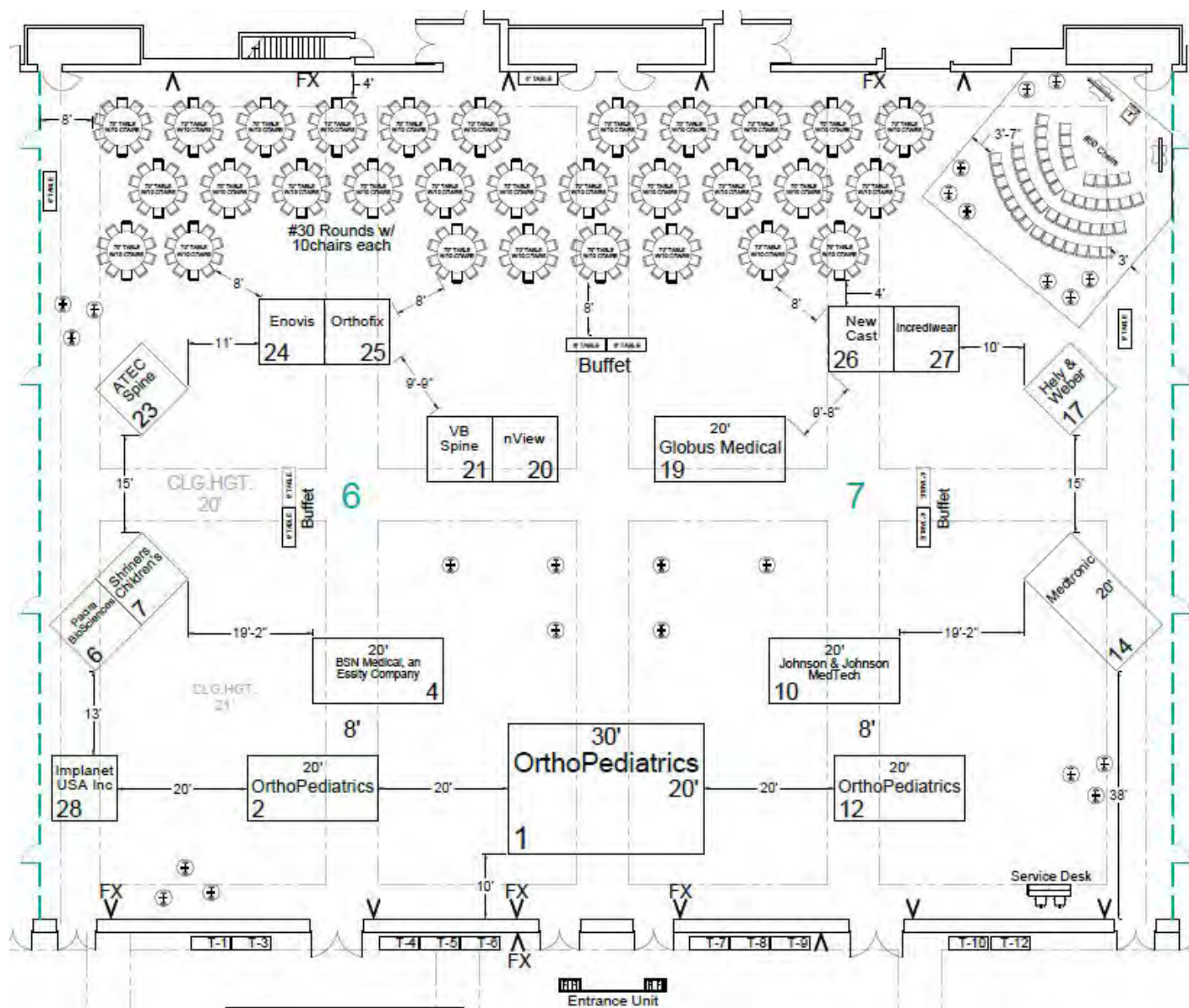
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Welcome

POSNA's 2025 Pediatric Orthopaedic Global Outreach International Visiting Scholars

Manuel Malaret, MD, Venezuela

Mohamed Abdelaal Hussein, MD, Egypt

Avi Shah, MBBS, MS, India

Thank you to the following POSNA members and their institutions for supporting the program by facilitating observerships for our scholars:

V. Salil Upasani, MD, Rady Children's Hospital

Theodore Ganley, MD, Children's Hospital of Philadelphia

Kishore Mulpuri, MBBS, MS, MHSc, FRCSC, British Columbia Children's Hospital

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International Visiting Scholars Program



EXHIBITOR LISTING

Association of Children's Prosthetic-Orthotic Clinics (ACPOC)

(Table 8)

The Association of Children's Prosthetic-Orthotic Clinics (ACPOC) provides a comprehensive resource of treatment options provided by professionals who serve children, adolescents, and young adults with various musculoskeletal differences. ACPOC is recognized as the worldwide leader of multidisciplinary rehabilitative care of children, adolescents, and young adults with musculoskeletal differences.



ATEC

(Booth 23)

ATEC is more than a medical technology company. We are an Organic Innovation Machine™ that is focused on Revolutionizing the Approach to Spine Surgery. We are committed to creating clinical distinction by developing new approaches to treat the various pathologies to ultimately achieve the goals of spine surgery. Our ultimate vision is to become The Standard-Bearer in Spine.



Baltimore Limb Deformity Course

(Table 4)

The Baltimore Limb Deformity Course is intended for orthopedic surgeons, podiatrists, and allied health professionals who treat lower extremity deformities. The course features lectures, deformity planning sessions, innovative apps, case presentations from experts, and an internationally renowned faculty. We introduce basic and advanced limb reconstruction concepts including limb alignment, limb lengthening, corrective osteotomies, and internal and external fixation. The 2025 Course was attended by over 228 clinicians from 34 foreign countries and 32 U.S. states. Attendee Comments:

- "Excellent faculty, lovely venue with great food and tea/coffee, great industry support, and passionate table tutors. Overall, very well organised and would highly recommend."
- "I regret not attending sooner; this is a course that ought to be included in the professional development of every orthopedic specialist, no matter their focus."
- "This course is the best course I've ever been to!! I have never learned so much at any other course, every single lab, and every single lecture is worth every penny!"
- "This was a great opportunity to network and learn from many esteemed colleagues..."
- "Learned a lot from very knowledgeable faculty. The lab faculty was excellent."



Children's Colorado

(Table1)

The Orthopedics Institute at Children's Hospital Colorado is a nationally ranked leader in pediatric orthopedic care, delivering exceptional outcomes through more than 66,000 outpatient visits and 4,500 surgical procedures annually. As the only comprehensive pediatric orthopedic program within a 1,000-mile radius, it serves patients from over 30 states with unmatched expertise and compassion. Children's Colorado is home to the region's only Level 1 Pediatric Trauma Center and a fully accredited gait and movement analysis lab. With a team of over 50 faculty—including 19 pediatric orthopedic surgeons and seven primary care sports medicine physicians—our Orthopedics Institute provides advanced, multidisciplinary care and pioneers innovations across every pediatric musculoskeletal specialty. Children's Colorado is at the forefront of pediatric orthopedic innovation. The Orthopedics Institute's commitment to research, education, and innovation has been awarded in over \$6.5 million in external research funding. Collectively, the team publishes more than 100 manuscripts annually and participates in 19 national and international multi-center clinical trials. Here, breakthroughs are not just on the horizon—they are in motion.



Enovis

(Booth 24)

We're Enovis—a global medical technology innovator dedicated to improving lives by developing clinically differentiated solutions that enhance patient outcomes and restore motion for life. We strive to make each day better by partnering with the brightest minds in health to advance care that is smarter, personalized, and more effective, while improving operational efficiency for surgeons and clinicians around the world. We do this through our extraordinary talent, a relentless focus on innovation, strategic acquisitions, and a common culture of continuous improvement.



EXHIBITOR LISTING

Essity

(Booth 4)

The name Essity stems from the words: “essentials” and “necessities.” Essity is formerly known as BSN Medical. Hygiene and health are the essence of well-being. As a leading global hygiene and health company, Essity provides products and services that make a meaningful impact on people's lives every day. This is the inspiration behind the name Essity. The medical business area of Essity includes categories such as incontinence, wound care, compression therapy, and orthopedics products. Our orthopedic brands that you know and trust include Delta-Cast and Actimove.



Gillette Children's

(Table 6)

Gillette Children's is a global beacon of care for individuals who have brain, bone, and movement conditions that start in childhood. Gillette Children's hospital and clinics have earned national and world renown for excellence in pediatric orthopedics, pediatric neurology and neurosurgery, and pediatric rehabilitation medicine. Gillette research, treatments, and supportive technologies enable every child with complex medical challenges to lead a full life defined by their dreams, not their diagnoses.



Globus Medical, Inc.

(Booth 19)

Globus Medical, Inc. is a leading musculoskeletal technology company based in Audubon, PA. The company was founded in 2003 by an experienced group of engineers and business leaders who believed that significantly better patient outcomes in spine surgery were possible. Today, Globus Medical is committed to creating products that enable surgeons to promote healing in patients with musculoskeletal disorders. At Globus Medical, listening to customers and responding with action is paramount, and the company is relentlessly focused on solving unmet customer and patient needs with world-class engineering and technology.



Hely & Weber

(Booth 17)

Hely & Weber is a proud, family-owned orthopedic bracing company with over 40 years of experience delivering high-quality, diagnosis-specific solutions. Built on a foundation of innovation, clinical collaboration, and product integrity, our braces are trusted by healthcare professionals across the country to improve patient outcomes and simplify care. Among our growing portfolio is the **TINY™ Line**—a thoughtfully designed collection of pediatric bracing solutions created specifically for kids. These are not just scaled-down adult products, but braces that consider the unique needs of pediatric patients, including comfort, compliance, and clinical effectiveness.



Hospital for Special Surgery (HSS)

(Table 12)

The Lerner Children's Pavilion Pediatric Orthopaedic Service at Hospital for Special Surgery (HSS) provides comprehensive diagnostic, medical, surgical and rehabilitative care to help children with musculoskeletal disorders improve their quality of life and achieve the highest level of function. Experts in managing complex cases, we routinely perform spinal deformity surgery and revision spinal surgery, limb reconstruction and limb lengthening, ACL reconstruction, fracture care, growth plate injuries, periacetabular osteotomies (PAOs) for severe hip dysplasia, and both operative/non-operative management of children with cerebral palsy. Our team is committed to clinical and surgical excellence, academic productivity and care for the underserved. The Lerner Children's Pavilion Pediatric Orthopedic Service was ranked Best Children's Hospital for Orthopaedics in New York, New Jersey, and Connecticut by U.S. News & World Report 2025-2026.



EXHIBITOR LISTING

Implanet

(Booth 28)

Implanet is the leader in sublamina band technology with >10 years of success with the Jazz Band System in pediatric deformity surgery and now offers the latest in ultrasonic bone cutting technology, the Olea Ultrasonic Osteotome, and a full line posterior fixation system, the Jazz Spinal System.



Incrediwear

(Booth 27)

Incrediwear technology is the world's first wearable anti-inflammatory fabric that reduces swelling and accelerates healing. All Incrediwear products are embedded with semiconductors, pure elements that when activated by the wearer's body heat, emit therapeutic infrared waves and negative ions. The infrared waves cause cellular vibration which increases circulation of blood and lymphatic fluid, and negative ions enhance cell function and promote homeostasis—the body's natural state of balance and vitality. Increased circulation and improved cellular health work to accelerate healing, reduce inflammation and alleviate pain. Incrediwear is biologically active fabric that works 24/7 to provide therapeutic benefits while you wear it.



Johnson & Johnson MedTech

(Booth 10)

The orthopaedics solutions of J&J MedTech provides one of the most comprehensive orthopaedics portfolios in the world that helps heal and restore movement for the millions of patients we serve. J&J MedTech's solutions, in specialties including joint reconstruction, trauma, extremities, craniomaxillofacial, spinal surgery and sports medicine, in addition to the VELYST™ Enabling Tech portfolio, are designed to advance patient care while delivering clinical and economic value.



Limb Lengthening and Reconstruction Society (LLRS)

(Table 5)

The Limb Lengthening and Reconstruction Society (LLRS) is a professional organization of diverse orthopaedic surgeons, physicians, and allied health professionals devoted to advancing the science of limb reconstruction for patients of all ages. This includes fostering research, stimulating scientific exchange, and collaboration to provide excellent clinical care in the arena of limb lengthening, limb reconstruction, extremity deformity correction, as well as complex fracture treatment. LLRS offers a traveling fellowship, its Specialty Day during the AAOS meeting, Essentials in Lower Extremity Reconstruction (ELER), and its scientific annual meeting. Visit www.llrs.org/.



Medtronic

(Booth 14)

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MHE Research Foundation

(Table 3)

The MHE Research Foundation is a nonprofit 501(c)(3) organization dedicated to the support of Researchers, Physicians & Families dealing with Multiple Hereditary Exostoses Syndrome (MHE) Multiple Osteochondroma Syndrome (MO) a rare genetic bone disease.



Nemours Children's Health

(Table 7)

The Orthopedics team at Nemours Children's Health has been changing the lives of children from around the world since 1940. Our legacy of excellence continues to this day. And year after year, we're ranked among the nation's best. Across the organization, our programs consist of fellowship-trained pediatric orthopedic surgeons, non-operative physicians, and advanced practice providers that work alongside a highly-skilled staff of registered nurses, certified medical assistants, and orthopedic technicians – all focused solely on caring for pediatric orthopedic patients. We provide access to care close to home for families in convenient locations across the Delaware Valley, Central Florida and North Florida including our two freestanding children's hospitals in Wilmington, Del. and Orlando. We employ advanced technology to diagnose and treat an extensive range of conditions, from common to complex, offering comprehensive surgical and nonsurgical orthopedic care through our highly specialized programs including spine, sports medicine, skeletal dysplasia, osteogenesis imperfecta, clubfoot, complex hip disorders, fractures, and limb lengthening and reconstruction. Our orthopedic services extend beyond the basics to include customized, coordinated care for patients, including mobility devices, orthotics, pain management, physical and occupational therapy, prosthetics and more. Our team members are also actively involved in pediatric orthopedic research and clinical trials that not only impact our patients but help to improve the lives of children everywhere.



New Cast Industry

(Booth 26)

New Cast Industry Co., Ltd. is a South Korean medical device manufacturer founded in 2001 and based in Ulsan. The company is best known for developing the HM CAST, a next-generation orthopedic cast made from a breathable hybrid-mesh material that is applied like a stocking rather than wrapped like traditional plaster or fiberglass casts.



New Cast Industry Co., Ltd.

The HM CAST offers exceptional ventilation to reduce itching and odor, while its lightweight design enhances comfort and mobility. Its water-resistant and shower-safe material allows patients to bathe or enjoy water activities without damaging the cast. The product's X-ray transparency makes it easy for medical professionals to monitor bone healing, and its eco-friendly, poly-based cotton yarn ensures easier disposal compared to fiberglass alternatives. The cast can also be customized in various colors and patterns, creating a more appealing and patient-friendly experience.

In addition to orthopedic casts, New Cast manufactures HM SPLINT products and hybrid-mesh protective masks used in medical and dental settings. The company holds ISO 13485 certification for medical device quality management and its products are both FDA-registered and CE-marked, meeting global safety and performance standards. With exports to more than 50 countries, New Cast has earned strong international recognition for innovation and reliability.

Guided by its mission, "*Taking the initiative for a healthy and happy world*," New Cast Industry Co., Ltd. continues to advance patient comfort, mobility, and overall quality of life through cutting-edge medical solutions.

nView medical

(Booth 20)

nView medical develops AI-enabled imaging and guidance systems specifically designed for pediatrics. Its flagship product, the nView s1 with insta-3D™ and true-map navigation™, is a breakthrough guidance system that provides 3D imaging in the operating room with very low levels of radiation. The nView s1 is the only system capable of providing 3D images from a single C-arm position and that images and registers in seconds. If you are looking for intraoperative technology that fits in your current workflow and that minimizes radiation, talk to the nView team at IPOS®!



EXHIBITOR LISTING

Orthofix

(Booth 25)

Orthofix is a global medical technology company headquartered in Lewisville, Texas. By providing medical technologies that heal musculoskeletal pathologies, we deliver exceptional experiences and life-changing solutions to patients around the world. Orthofix is leading the growth in Limb Reconstruction by providing a specialized product portfolio that addresses the most challenging orthopedic conditions worldwide in Extremity Deformity Correction, Limb Lengthening, and Limb Preservation for patients of all ages. In addition, Orthofix solutions include a broad portfolio of biologics, innovative spinal hardware, bone growth therapies, and a leading surgical navigation system. To learn more, visit [Orthofix.com](https://www.orthofix.com) and follow on LinkedIn and on Instagram @orthofixorthopedics



OrthoPediatics

(Booth 1)

Founded in 2006, OrthoPediatics is an orthopedic company focused exclusively on advancing the field of pediatric orthopedics. As such it has developed the most comprehensive product offering to the pediatric orthopedic market to improve the lives of children with orthopedic conditions. OrthoPediatics currently markets 72 products that serve three of the largest categories within the pediatric orthopedic market. This product offering spans trauma and deformity, scoliosis, and sports medicine/other procedures. OrthoPediatics' global sales organization is focused exclusively on pediatric orthopedics and distributes its products in the United States and over 70 countries outside the United States. For more information, please visit www.orthopediatrics.com.



Enabling Technologies

(Booth 2)

Founded in 2006, OrthoPediatics is an orthopedic company focused exclusively on advancing the field of pediatric orthopedics. As such it has developed the most comprehensive product offering to the pediatric orthopedic market to improve the lives of children with orthopedic conditions. OrthoPediatics currently markets 72 products that serve three of the largest categories within the pediatric orthopedic market. This product offering spans trauma and deformity, scoliosis, and sports medicine/other procedures. OrthoPediatics' global sales organization is focused exclusively on pediatric orthopedics and distributes its products in the United States and over 70 countries outside the United States. For more information, please visit www.orthopediatrics.com.



OP Specialty Bracing

(Booth 12)

Founded in 2023 as a division of OrthoPediatics, OrthoPediatics Specialty Bracing is a company focused on transforming the lives of children with orthopedic conditions. We are committed to the infinite idea of improving healthcare for children and improving the lives of their families and friends. Our approach involves offering specialized pediatric orthotic and prosthetic clinics across the country, including major Children's Hospitals, that treat a wide range of pediatric diagnosis. OP Specialty Bracing has become a house of brands with 17 different products that have set the standard of care in pediatric treatment for decades. OrthoPediatics Specialty Bracing currently has 29 clinics spanning across 11 states and is expanding yearly nationally and internationally. Pediatric care is not just something we do—it's our passion, our purpose, and our promise to the kids we serve. For more information please visit: [opsb.com](https://www.opsb.com)



EXHIBITOR LISTING

OSF Healthcare

(Table 10)

OSF HealthCare is an integrated health system founded by The Sisters of the Third Order of St. Francis. Headquartered in Peoria, Illinois, OSF HealthCare employs almost 26,000 Mission Partners in 171 locations, including 17 hospitals, with 2,305 licensed bed, 200 OSF Medical Group primary care and specialty care clinics, 41 urgent care locations, and two colleges of nursing throughout Illinois and Michigan. The OSF HealthCare physician network employs more than 2,215 primary care, specialists, and advanced practice providers. The largest hospital, OSF Saint Francis Medical Center in Peoria, Illinois, is a tertiary care teaching center providing numerous specialty services and extensive residency programs for physicians. Additionally, OSF HealthCare Children's Hospital of Illinois, the third largest pediatric hospital in Illinois and the only full-service tertiary hospital for kids downstate, is located on the campus of OSF Saint Francis. With 136 beds and more than 141 pediatric subspecialists, OSF Children's Hospital cares for more children in Illinois than any hospital outside of Chicago.



Pacira BioSciences, Inc.

(Booth 6)

Pacira BioSciences, Inc. is the industry leader in its commitment to non-opioid pain management and regenerative health solutions to improve patients' journeys along the neural pain pathway.

To learn more about Pacira, including the corporate mission to reduce overreliance on opioids, visit www.pacira.com.



Scottish Rite for Children

(Table 9)

Scottish Rite for Children is a world-renowned leader in the treatment of pediatric orthopedics, such as scoliosis, clubfoot, hand differences, hip disorders, limb lengthening and reconstruction, sports injuries and fractures, and related arthritic, neurological and learning disorders. Through groundbreaking research and leading-edge education, our experts advance pediatric orthopedic care, serving as the model to emulate for practitioners around the world. U.S. News & World Report ranks Scottish Rite for Children No. 2 in the nation for pediatric orthopedic care in collaboration with Children's Medical Center Dallas and UT Southwestern Medical Center. An eight-time recipient of the NRC Health Excellence in Patient Experience Award, Scottish Rite for Children has been giving children back their childhood for more than a century.



Shriners Children's™

(Booth 7)

Shriners Children's™ is a leader in providing care for orthopedic conditions, burn injuries, spinal cord injuries, and other spine disorders, and rehabilitation, sports injuries, and craniofacial conditions. We also offer specialized services, including orthotics and prosthetics and motion analysis. We strive to provide the care and support our patients need to reach their goals and discover their full potential. All care and services are provided regardless of the families' ability to pay or insurance status.



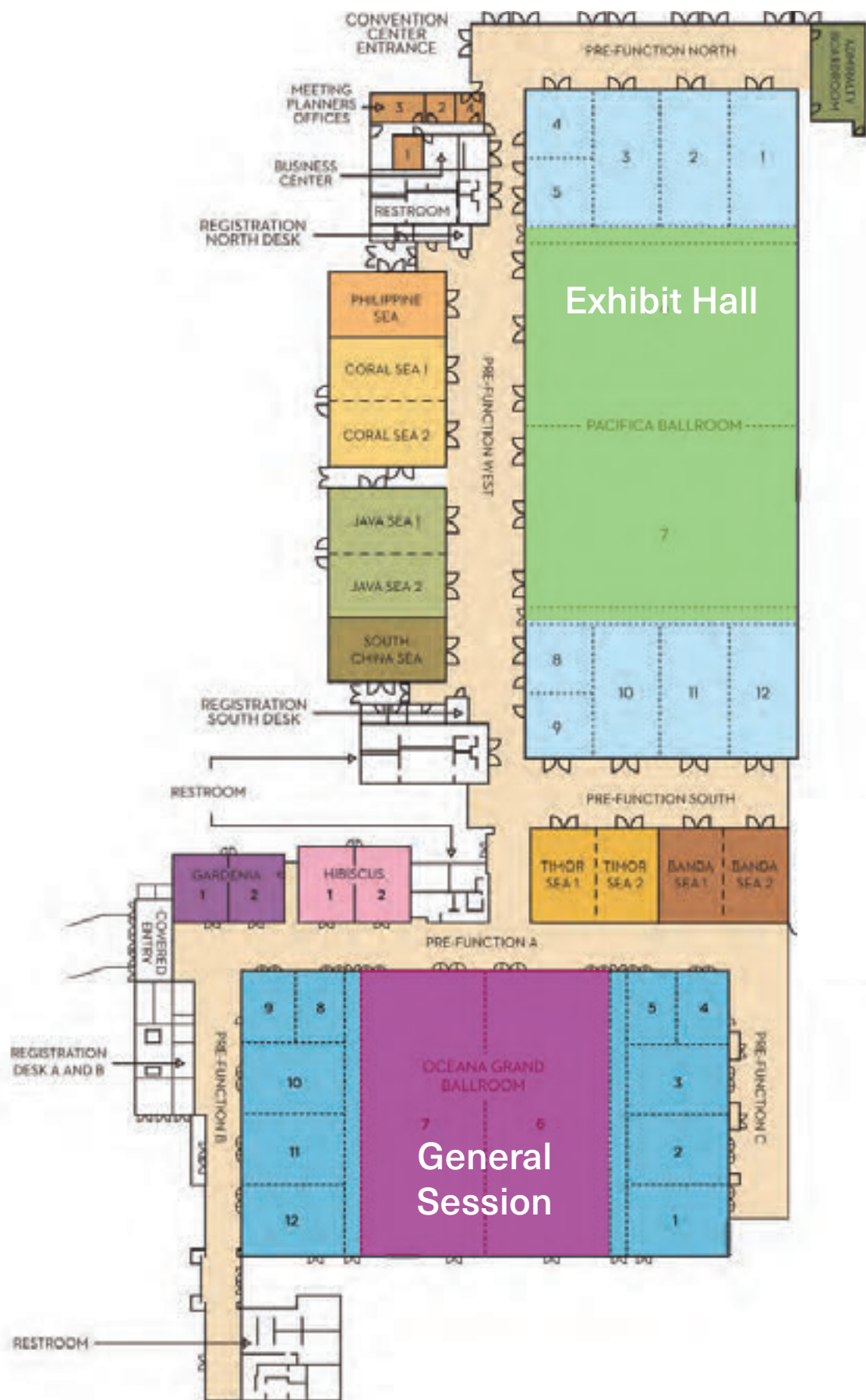
VB Spine

(Booth 21)

VB Spine is the largest privately held spine company and among the largest family-owned medical technology companies in the world. Our globally recognized identity as innovators and stewards of the spine industry reflects our commitment to patient outcomes first. With a comprehensive product portfolio and a large and growing global distribution network, VB Spine delivers specialized solutions that address critical needs in spine surgery and enhance patient outcomes. VB Spine and Stryker will be strategic partners, with VB Spine having exclusive access to Mako Spine and Copilot's automatic depth stop for use with VB Spine's implants in spine procedures. This partnership represents an exciting opportunity to enhance the focus of both Stryker and VB Spine. Focused on people, partnerships, and operational excellence, VB Spine ensures healthcare professionals have access to the tools and resources needed to provide the highest standard of care.



LOEWS ROYAL PACIFIC RESORT VENUE MAP



THINGS TO DO IN ORLANDO MAP



GENERAL INFORMATION

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In support of improving patient care, this activity has been planned and implemented by Amedco LLC and POSNA. Amedco LLC is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.



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INTERPROFESSIONAL CONTINUING EDUCATION

Physicians

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Amedco LLC designates this live activity for a maximum of 16.5 *AMA PRA Category 1 Credits™* for physicians. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Athletic Trainers

BOC Credit Designation Statement

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Each meeting presenter has been asked to disclose if he or she has received something of value from a commercial company or institution, which relates directly or indirectly to the subject of their presentation. In the online posted disclosure report, an indication of the participant's disclosure appears after his or her name as well as the commercial company or institution that provided the support. POSNA does not view the existence of these disclosed interests or commitments as necessarily implying bias or decreasing the value of the author's participation in the meeting.

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POSNA Resident Engagement

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

- OITE Review Webinar
- Top 5 Tips Articles: Monthly Blog Posts
- Interviews with Pediatric Experts
- Community Night Webinars
- Much More!



Peds Ortho the official POSNA podcast

Monthly episodes from hosts Tyler McDonald, MD, FAAOS; Carter Clement, MD, MBA; Craig Louer, MD; Stephanie Logterman, MD; William Morris, MD; Julia Sanders, MD; Joshua Holt, MD, discussing pediatric orthopaedic surgery content, ranging from new literature to coverage of the POSNA Annual Meeting and more!

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

POSNA MEMBERSHIP

Mission: To advance pediatric orthopaedics by promoting education, research, and quality care

Vision: A world with optimal musculoskeletal health for all children



The Pediatric Orthopaedic Society of North America (POSNA) is a not-for-profit professional organization of over 1,500 surgeons, physicians, and allied health members passionately dedicated to advancing musculoskeletal care for children and adolescents through education, research, and quality care.

Diversity Statement: The Pediatric Orthopaedic Society of North America (POSNA) values diversity, and we are committed to creating an equitable and inclusive environment for all of our current and future members. We strive to eliminate healthcare disparities and deliver the highest quality orthopaedic care to all the children and families we serve. Please visit posna.org/our-society to view the full statement.

POSNA members benefit from a robust and diverse array of resources that advance and fulfill the society's commitment to education, research, and quality care. There are excellent opportunities to forge enduring professional relationships and mentorship. Many members utilize the POSNA platform and its collegial network of colleagues to develop innovative, multi-institution, and multi-national programs.

Benefits:

- Reduced registration fees for the Annual Meeting and International Pediatric Orthopaedic Symposium (IPOS®)
- Member publishing rates in the *Journal of the Pediatric Orthopaedic Society of North America* (JPOSNA®)
- \$400,000+ in research awarded annually
- Committee Appointment Program (CAP) – make your voice heard in 30+ committees
- Participate in the POSNA-Sponsored Traveling Fellowship Program
- Reduced subscription rate to the *Journal of Pediatric Orthopaedics*
- Become a mentor or mentee through the Mentorship Program
- Be a part of the POSNA Safe Surgery Program (PSSP)

Additional Education:

- POSNA.org Study Guide – over 100 topics available!
- JPOSNA® - The official Journal of POSNA
- POSNAcademy - POSNA's video education platform featuring webinars, tutorials, past meeting content, podcasts, and more!
- The Resident Review blog

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Become a POSNA Member and Advance Your Pediatric Orthopaedic Career!

Applications for 2026 are closed. Stay tuned for more information on membership for 2027.

Learn more about POSNA membership at posna.org/Members/Join



Future POSNA Annual Meetings

May 6–May 8, 2026
Orlando, FL

April 27–April 29, 2027
Indianapolis, IN

May 9–May 11, 2028
Montréal, Canada

Future IPOS® Meetings

December 1–5, 2026
Orlando, FL

November 30–December 4, 2027
Orlando, FL

November 28–December 2, 2028
Orlando, FL

November 27–December 1, 2029
Orlando, FL



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