

# 13<sup>th</sup> Annual International Pediatric Orthopaedic Symposium

Presented by POSNA and AAOS



**December 6 – 10, 2016**  
**Orlando, FL**

**Michael G. Vitale, MD, MPH**  
Course Director

**Donald S. Bae, MD**  
Course Co-Director

**Make this your IPOS year!**

Evidence-based techniques and research, hands-on practice, and emerging issues and technology across the spectrum of pediatric and adolescent orthopaedic care.



# 13<sup>th</sup> Annual International Pediatric Orthopaedic Symposium



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## Sharing today's state-of-the-art pediatric orthopaedic care

Immerse yourself in the orthopaedic expertise convened at this unique four-day event that features today's state-of-the-art and emerging pediatric orthopaedic care and expertise. From frequently-seen problems to rare conditions that demand specialized care, discover new insights, and integrate new techniques and tips into your care of children and adolescent patients with musculoskeletal problems.

## Your practice, interests, and patients are unique

Recognizing the complexity, diversity, and subspecialty interests within pediatric orthopaedics, IPOS offers you the flexibility to customize the learning experience to your unique practice needs. In addition to focused lectures and engaging case discussions, select from over 40 breakout sessions, demonstrations, hands-on technical workshops, and industry-sponsored satellite sessions.



*Steven L. Frick, MD works with course attendees during a hands-on Ponseti Workshop.*

## TUESDAY, DECEMBER 6 (Optional Sessions)

4:00 pm **Cases and Cocktails (Best of Resident Cases)**

5:15 pm **Career Planning and Professional Development for Residents and Fellows**

7:00 pm **Industry Pre-course:** Techniques for 3D Deformity Correction in AIS  
**Industry Pre-course:** Studying the Growth Plate

## WEDNESDAY, DECEMBER 7

	MAIN SESSION	CME SESSIONS
MORNING	<p><b>THE PHYSIS: Clinical Correlates</b></p> <p>LLD, Multiplier and Timing of Epiphysiodesis                      The Physis in Pediatric Trauma and Care                      Strategies for Guided Growth                      Infantile Tibia Vara in 2016                      Physis in Treating the Immature Athlete                      Physis in SCFE and DDH                      Pathoanatomy of Spinal Growth Modulation</p> <p><b>IPOS Masters:</b> Career Perspectives</p>	<p>Essentials of Pediatric Orthopaedics I                      Ponseti Casting: Initial Management                      Dilemmas in Pediatric Sports Injuries                      Pediatric Orthopaedic Disease                      Pediatric Cervical Spine                      Hip Pathology in the Adolescent and Young Adult</p>

	CONCURRENT SESSIONS	
AFTERNOON	<p><b>PEDIATRIC SPINE CARE: Then and Now</b></p> <p>Management of Scoliosis                      Treatment Options for EOS                      Modulation of Spine Growth                      AIS: Improving Revision Rate &amp; Bracing                      Management of Pelvic Obliquity                      Scoliosis in Patients with Major Comorbidities                      Spinal Deformity: Neurosurgical Perspective                      Quality, Safety, Value, and Throughput</p> <p><b>Case-based Session:</b> Changes in Our Field  <b>Masters' Perspective:</b> Changes in Spine Care</p>	<p><b>CASE-BASED CONTROVERSIES IN PEDIATRIC ORTHOPAEDIC TRAUMA</b></p> <p><b>Upper Extremity Fracture Care</b></p> <p>Elbow: SCH – The Controversies                      Grey Areas in the Rest of the Elbow                      Forearm and Distal Radius</p> <p><b>Lower Extremity Fracture Care</b></p> <p>LE Fractures: Avoiding Complications                      Polytrauma: Why It's Different</p>
	<p><b>OPTIONAL HANDS-ON INDUSTRY WORKSHOP AND DEMONSTRATIONS (3:40 – 6:10 PM)</b></p>	
	<p><b>IPOS WELCOME RECEPTION WITH EXHIBITS (6:30 PM)</b></p>	

## THURSDAY, DECEMBER 8

	OPTIONAL HANDS-ON INDUSTRY WORKSHOP AND DEMONSTRATIONS (7:30 – 8:40 AM)	
	MAIN SESSION	CME SESSIONS
MORNING	<p><b>THE IMMATURE HIP</b></p> <p>Ultrasound in Infant Hips                      Neonatal Dysplasia                      DDH: Bracing &amp; AVN                      Residual Dysplasia, Early and Late                      Redislocation After Open Reduction                      Atypical SCFE                      Proximal Femoral Benign Lesions                      Coxa Vara, Post Infectious Varus, PFFD                      Acute LCPD                      Hinge Abduction</p> <p><b>Case-based Session:</b> Hip Disorders in the Older Child</p>	<p>Essentials of Pediatric Orthopaedics II                      Pelvic Osteotomies – Hands-on: Basic (Salter, Dega, Pemberton)                      Ponseti Casting: Initial Management                      Transitioning to the Care of the Young Adult                      Modern Day Orthopaedic Treatment of SMA                      AIS: Cases and Controversy</p>

## THURSDAY, DECEMBER 8 (continued)

### CONCURRENT SESSIONS

#### OPERATIVE TREATMENT OF SYNDROMES AND GENETIC DISORDERS: Spine and Extremities

Management of the Syndromic Patient  
Larsens Syndrome  
MPS  
Multiple Hereditary Exostosis of the Spine  
Spinoepiphyseal Dysplasia  
Severe Scoliosis in the Setting of Neurofibromatosis  
Treatment of Spinal Muscular Atrophy  
Ehlers-Danlos Syndrome  
Multiple Epiphyseal Dysplasia  
Arthrogyposis of the Upper and Lower Limb  
Osteogenesis Imperfecta: From Head to Toe  
Fibular Hemimelia  
Congenital Pseudarthrosis of the Tibia

#### THE TEEN ATHLETE

##### Upper Extremity

Little League Shoulder  
SLAP Tears  
Gymnast's Wrist  
Upper Extremity Cases in the Teen Athlete

##### Lower Extremity

First time Patellofemoral Dislocation: Surgery?  
PF Instability  
Recurrent PF Instability  
Meniscal Transplantation  
Acute Meniscal Tears  
Lower Extremity Cases in the Teen Athlete

**TOP GUN: Popular resident hands-on surgical simulation competition**

## FRIDAY, DECEMBER 9

OPTIONAL HANDS-ON INDUSTRY WORKSHOP AND DEMONSTRATIONS (7:30–8:40 AM)

### CONCURRENT SESSIONS

#### COMPLICATIONS IN PEDIATRIC ORTHOPAEDIC SURGERY

Complications of Foot Surgery  
Complications in Pediatric Sports Surgery  
Complications in CP Surgery  
SCH Elbow Fractures Gone Wrong  
Fishtail Deformity of the Distal Humerus  
ACL Reconstruction  
Recurrent Shoulder Instability After Bankart Reconstruction  
Failed Pes Planus Reconstruction  
Complications of Spine Surgery  
Junctional Issues after Growing Rods  
Lost Intraoperative Signals in Spine Surgery

**Case Presentation:** Complications in Pediatric Trauma

#### THE UPPER EXTREMITY: Congenital, Sports and Trauma

Management of UBC of the Proximal Humerus  
Congenital Pseudarthrosis of the Clavicle  
Osteochondroma of the Proximal Humerus  
Proximal Humerus Fractures  
Sprengel's: What it is and How I Do It  
Congenital Radial Head Dislocation  
Radioulnar Synostosis  
Madelung's Deformity  
Malunion After BB Forearm Fracture  
Scaphoid Fractures  
Phalangeal Neck Fractures  
Salter-Harris III Fractures  
Complex MCP Dislocations: How I Do It

**Case-based Session:** UE in the Athlete

For more program details and the full schedule please visit [aaos.org/IPOS](http://aaos.org/IPOS).



Course attendees and faculty engage in discussions during a hands-on IPOS workshop.

## FRIDAY, DECEMBER 9 (continued)

### MAIN SESSION

#### **AUTHOR'S PREFERRED TECHNIQUE: How I Do It and Why?**

ORIF of Triplane Fracture	High Grade Spondylolisthesis
Rigid IM Nail for Femur Fracture	Shilla Technique
Osteotomy: Cubitus Varus, Tibia Vara	Anterior Vertebral Tether
Dwyer Osteotomy: Neuromuscular Cavus Foot	Treating a UBC
Tarsal Coalition	The "Five Minute" Gait Analysis
Dome Osteotomy for Madelung's	Revision ACL
Pinning a Stable SCFE	Fixation of Knee OCD
Reverse PAO	Surgery for Shoulder MDI
Hemivertebrae Excision	

AFTERNOON

### CME SESSIONS

#### **Trauma Webinar** (*Live session broadcast from course as webinar*)

- Pelvic Osteotomies, Hands-on: Basic 2
- Ponseti: Complex Problems
- Limb Length Equalization: How to Stay Out of Trouble
- Cysts, Bumps and Other Bone Lesions
- Fracture Care and Casting 101 for the Advanced Practice Provider: A POPS/IPOS Collaboration

## SATURDAY, DECEMBER 10

### CONCURRENT SESSIONS

#### **OFFICE ORTHOPAEDICS: What I Need to Know and Need to Not Miss in the Office**

- Limping Child
- Back Pain
- Knee
- Hip Pain
- Twisted Ankle
- Rotational Malalignment

**Case Session with Panel:** Common Office Dilemmas

#### **TREATMENT OF NONAMBULATORY CHILDREN WITH CEREBRAL PALSY**

- Neuromuscular Hip Dysplasia
- CP Hip Surveillance & Surgery
- Early Soft Tissue Surgery About the Hip
- Osteotomies: Proximal Femur & Acetabulum
- VDRO and Dega
- Pelvic Support Osteotomy
- Wheelchair Design & Prescription
- SEMLS for GMFMCS IV/V
- Achieving Adequate Knee Extension
- Foot Surgery to Promote Brace and Shoe Wear

**Case Session:** Cerebral Palsy

MORNING

### CME SESSIONS

Pelvic Osteotomies – Hands-on: Advanced (Ganz, Triple, others)

#### **Infection Webinar** (*Live session broadcast from course as webinar*)

- Gait Analysis in CP: What I Need to Know Even if I Don't Have a Gait Lab
- Pediatric Foot: Surgical Management of Congenital and Acquired Conditions
- Challenges in International Orthopaedics

### MAIN SESSION

#### **FOOT**

Top 10 Things: Biomechanics of the Child's Foot	Salvage Procedures for the NM Foot
Top 10 Principles: Pediatric Foot Deformity	Talectomy for the Recalcitrant Foot
Congenital Vertical Talus	Clawtoes and Other Operative Lesser Toe Disorders
Does Ponseti Technique Always "Work"?	Cavus Foot: Soft Tissue and Bony Procedures
Neglected or Undertreated Clubfoot	
Flat Foot	<b>Case Presentations:</b> What Experience Outside the USA Can Teach
TN Coalition – Procedure and Counseling	

AFTERNOON



## Advisory Board

Donald S. Bae, MD; Pablo Castañeda, MD; Jon R. Davids, MD; Theodore J. Ganley, MD; Kenneth J. Noonan, MD; William G. Mackenzie, MD; Gregory A. Mencio, MD; Charles T. Price, MD; Suken A. Shah, MD; Brian G. Smith, MD

## Faculty

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Michael T. Busch, MD  
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Bryan J. Tompkins, MD  
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Stuart L. Weinstein, MD  
Jennifer M. Weiss, MD  
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Ira Zaltz, MD

## International Faculty

Pablo Castañeda, MD  
Haemish A. Crawford, MBChB, FRACS  
Alain Dimeglio, MD  
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## Instructors

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Christine A. Ho, MD  
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## Masters

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James R. Kasser, MD  
Charles T. Price, MD  
Vernon T. Tolo, MD

*Please note: Course faculty is subject to change. All faculty members have disclosed potential conflicts of interest. These disclosures can be viewed online at [www.aaos.org](http://www.aaos.org) under 'Member Services'*

## GENERAL INFORMATION

### How to Register:

- 1. Online** at [aaos.org/IPOS](http://aaos.org/IPOS)
- 2. Call** AAOS Customer Service at **1-800-626-6726** from 8:00 am to 5:00 pm CT. Outside U.S. dial **+1-847-823-7186**.
- 3. Print** registration form at [aaos.org/IPOS](http://aaos.org/IPOS). Mail completed form to AAOS, 9400 W. Higgins Rd., Rosemont, IL 60018, or fax to **1-800-823-8025**. Outside U.S. fax to **+1-847-823-8125**.

### Walt Disney World Swan Resort

1200 Epcot Resorts Boulevard  
Lake Buena Vista, FL 32830  
Hotel Phone: 407-934-4000  
Reservations: 888-828-8850

**Housing Reservation Deadline:  
November 14, 2016**

**Room Rates: \$188/night**  
(plus applicable taxes and fees)

## Registration Fees

POSNA/AAOS Member/Candidate Member  
Associate Member/International Member **\$1,349**

Orthopaedic Resident/Post Residency Fellow  
U.S. Military\*/POSNA/AAOS Emeritus **\$1,149**

Nonmember/International Nonmember  
Other Physician/Non-MD Practitioner  
Non-Physician **\$1,949**

Nurse/Allied Health/Physician Assistant **\$849**

\* For POSNA/AAOS members in active U.S. military duty only

## Accreditation Statement

The American Academy of Orthopaedic Surgeons is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education (CME) for physicians.

## AMA Credit Designation Statement

AAOS designates this live activity for 24.5 **AMA PRA Category 1 Credit(s)**<sup>™</sup>. Physicians should claim only the credits commensurate with the extent of their participation in the activity.

## Obtaining CME Credit

Course participants must complete and submit an online evaluation form to receive CME credit.

## At the conclusion of this course, learners should be able to:

- Assess children with orthopaedic conditions and formulate a treatment plan
- Compare and contrast various nonsurgical and surgical treatment procedures for selected pediatric orthopaedic conditions
- Apply alternative treatment and rehabilitation techniques for pediatric orthopaedic conditions when appropriate
- Manage complications of various pediatric orthopaedic conditions and how to avoid them
- Use contemporary strategies for infection control in pediatric orthopaedic patients

### Webcasts

Join the IPOS faculty, attendees and pediatric orthopaedic colleagues from around the world for interactive live webcasts from the course in Orlando. See details at [aaos.org/IPOS](http://aaos.org/IPOS).

### Call for ePosters

We are accepting electronic poster submissions for IPOS. To download an application, visit [aaos.org/IPOS](http://aaos.org/IPOS).



The Academy would like to thank the **Pediatric Orthopaedic Society of North America (POSNA)** for the many contributions made by its members in the production of this program. The Academy and orthopaedic specialty societies work together to provide orthopaedic surgeons with the highest quality educational programs and publications. This cooperative spirit among colleague organizations is an important resource and valuable asset for the orthopaedic community.



*Kenneth J. Noonan, MD performs a demonstration for a hands-on workshop during IPOS.*

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