13th 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.
13th Annual International Pediatric Orthopaedic Symposium

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)

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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<tr>
<td>4:00 pm</td>
<td>Cases and Cocktails (Best of Resident Cases)</td>
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<td>5:15 pm</td>
<td>Career Planning and Professional Development for Residents and Fellows</td>
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<td>7:00 pm</td>
<td>Industry Pre-course: Techniques for 3D Deformity Correction in AIS</td>
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<td>Industry Pre-course: Studying the Growth Plate</td>
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### Wednesday, December 7

#### MAIN SESSION

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<tr>
<th>Session</th>
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<tr>
<td>THE PHYSIS: Clinical Correlates</td>
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<tr>
<td>LLD, Multiplier and Timing of Epiphysiodesis</td>
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<tr>
<td>The Physis in Pediatric Trauma and Care</td>
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<td>Strategies for Guided Growth</td>
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<td>Infantile Tibia Vara in 2016</td>
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<td>Physis in Treating the Immature Athlete</td>
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<tr>
<td>Pathoanatomy of Spinal Growth Modulation</td>
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<td>IPOS Masters: Career Perspectives</td>
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#### CME SESSIONS

<table>
<thead>
<tr>
<th>Session</th>
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<tbody>
<tr>
<td>Essentials of Pediatric Orthopaedics I</td>
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<tr>
<td>Ponseti Casting: Initial Management</td>
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<tr>
<td>Dilemmas in Pediatric Sports Injuries</td>
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<td>Pediatric Orthopaedic Disease</td>
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<td>Pediatric Cervical Spine</td>
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<td>Hip Pathology in the Adolescent and Young Adult</td>
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#### CONCURRENT SESSIONS

<table>
<thead>
<tr>
<th>Session</th>
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<tbody>
<tr>
<td>PEDIATRIC SPINE CARE: Then and Now</td>
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<tr>
<td>Management of Scoliosis</td>
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<td>Treatment Options for EOS</td>
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<tr>
<td>Modulation of Spine Growth</td>
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<tr>
<td>AIS: Improving Revision Rate &amp; Bracing</td>
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<tr>
<td>Management of Pelvic Obliquity</td>
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<tr>
<td>Scoliosis in Patients with Major Comorbidities</td>
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<tr>
<td>Spinal Deformity: Neurosurgical Perspective</td>
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<tr>
<td>Quality, Safety, Value, and Throughput</td>
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<tr>
<td>Case-based Session: Changes in Our Field</td>
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<tr>
<td>Masters’ Perspective: Changes in Spine Care</td>
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</tbody>
</table>

#### Optional Hands-on Industry Workshop and Demonstrations (3:40 – 6:10 PM)

#### Thursday, December 8

#### Optional Hands-on Industry Workshop and Demonstrations (7:30 – 8:40 AM)

#### MAIN SESSION

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>THE IMMATURE HIP</td>
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<tr>
<td>Ultrasound in Infant Hips</td>
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<tr>
<td>Neonatal Dysplasia</td>
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<tr>
<td>DDH: Bracing &amp; AVN</td>
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<tr>
<td>Residual Dysplasia, Early and Late</td>
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<tr>
<td>Redislocation After Open Reduction</td>
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<tr>
<td>Atypical SCFE</td>
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<td>Proximal Femoral Benign Lesions</td>
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<td>Coxa Vara, Post Infectious Varus, PFFD</td>
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<tr>
<td>Acute LCPD</td>
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<tr>
<td>Hinge Abduction</td>
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<tr>
<td>Case-based Session: Hip Disorders in the Older Child</td>
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</table>

#### CME SESSIONS

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<tbody>
<tr>
<td>Essentials of Pediatric Orthopaedics II</td>
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<tr>
<td>Pelvic Osteotomies – Hands-on: Basic (Salter, Dega, Pemberton)</td>
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<tr>
<td>Ponseti Casting: Initial Management</td>
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<tr>
<td>Transitioning to the Care of the Young Adult</td>
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<tr>
<td>Modern Day Orthopaedic Treatment of SMA</td>
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<tr>
<td>AIS: Cases and Controversy</td>
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</tbody>
</table>
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

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
- Arthrogryposis 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

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 Pumerus
- Proximal Humerus Fractures
- Sprengels: 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.
## Friday, December 9 (continued)

### Main Session

**Author’s Preferred Technique: How I Do It and Why?**
- ORIF of Triplane Fracture
- Rigid IM Nail for Femur Fracture
- Osteotomy: Cubitus Varus, Tibia Varus
- Dwyer Osteotomy: Neuromuscular Cavus Foot
- Tarsal Coalition
- Dome Osteotomy for Madelung’s
- Pinning a Stable SCFE
- Reverse PAO
- Hemivertebrae Excision
- High Grade Spondylolisthesis
- Shilla Technique
- Anterior Vertebral Tether
- Treating a UBC
- The “Five Minute” Gait Analysis
- Revision ACL
- Fixation of Knee OCD
- Surgery for Shoulder MDI

### 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

### 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
- Top 10 Principles: Pediatric Foot Deformity
- Congenital Vertical Talus
- Does Ponseti Technique Always “Work”? Neglected or Undertreated Clubfoot
- Flat Foot
- **TN Coalition – Procedure and Counseling**
- Salvage Procedures for the NM Foot
- Taleectomy for the Recalcitrant Foot
- Clawtoes and Other Operative Lesser Toe Disorders
- Cavus Foot: Soft Tissue and Bony Procedures
- **Case Presentations:** What Experience Outside the USA Can Teach
GENERAL INFORMATION

How to Register:
1. **Online** at 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. 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)™]. 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.

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 under ‘Member Services’
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.

**Call for ePosters**
We are accepting electronic poster submissions for IPOS. To download an application, visit aaos.org/IPOS.

The American Academy of Orthopaedic Surgeons and the Pediatric Orthopaedic Society of North America extend sincere appreciation to the following companies for their educational grants in support of this program:

- Arthrex
- BioMarin Pharmaceutical
- DePuy Synthes
- K2M
- Medtronic
- Misonix
- NuVasive
- OrthoPediatics
- Pega Medical
- Shriners Hospitals for Children
- Stryker
- Wright Medical

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.