NEW IN 2017!
One-Day Fundamentals in Pediatric Orthopaedics Review Course
Prepare for your Pediatric MOC Recertification or Board Exam

14th Annual International Pediatric Orthopaedic Symposium
Presented by POSNA and AAOS
November 28 – December 2, 2017 • Orlando, Florida

Donald S. Bae, MD, Course Director
Michael G. Vitale, MD, MPH, Director Emeritus
# Schedule At a Glance

## Tuesday, November 28

<table>
<thead>
<tr>
<th>Event</th>
<th>Time</th>
<th>Location</th>
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<tbody>
<tr>
<td>Registration</td>
<td>3:00 PM–7:00 PM</td>
<td>Registration North</td>
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<tr>
<td>Scholarship Recipient Case Presentations</td>
<td>4:00 PM–5:15 PM</td>
<td>Pacifica Ballroom 7</td>
</tr>
<tr>
<td>Career Planning and Professional Development for Residents and Fellows</td>
<td>5:15 PM–6:30 PM</td>
<td>Pacifica Ballroom 7</td>
</tr>
<tr>
<td>Pre-Course: Adolescent Idiopathic Scoliosis Sponsored by NuVasive (non-CME)</td>
<td>7:00 PM–8:15 PM</td>
<td>Pacifica Ballroom 11-12</td>
</tr>
<tr>
<td>Pre-Course: The Surgical Treatment of Hip Dysplasia Sponsored by OrthoPediatrics (non-CME)</td>
<td>7:00 PM–8:15 PM</td>
<td>Pacifica Ballroom 8-10</td>
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<tr>
<td>Cocktail Reception Sponsored by NuVasive and OrthoPediatrics</td>
<td>8:15 PM–9:00 PM</td>
<td>Java Sea</td>
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## Wednesday, November 29

<table>
<thead>
<tr>
<th>Event</th>
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<tr>
<td>Registration</td>
<td>6:30 AM–6:00 PM</td>
<td>Registration North</td>
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<tr>
<td>Breakfast &amp; Exhibits</td>
<td>6:45 AM–7:45 AM</td>
<td>Pacifica Ballroom 6</td>
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<tr>
<td>GENERAL SESSION 1-Pediatric Trauma</td>
<td>7:45 AM–10:15 AM</td>
<td>Pacifica Ballroom 7</td>
</tr>
<tr>
<td>Break &amp; Exhibits</td>
<td>10:10 AM–10:30 AM</td>
<td>Pacifica Ballroom 6</td>
</tr>
<tr>
<td>CME Breakout 1: Ponseti I (hands-on)</td>
<td>10:30 AM–12:00 PM</td>
<td>Banda Sea</td>
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<tr>
<td>Principles of Deformity Correction- Part 1</td>
<td></td>
<td>Java Sea</td>
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<tr>
<td>Spine EOS</td>
<td></td>
<td>Pacifica Brm 8-9</td>
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<td>Perthes</td>
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<td>Pacifica Brm 10</td>
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<tr>
<td>New Ways to View Old Problems</td>
<td></td>
<td>Timor Sea</td>
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<tr>
<td>Sports and Ankle</td>
<td></td>
<td>Pacifica Brm 11</td>
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<tr>
<td>POPS: In the Know for the AAP: Pediatric Orthopaedic Roundtable</td>
<td></td>
<td>Coral Sea</td>
</tr>
<tr>
<td>Lunch &amp; Exhibits</td>
<td>12:00 PM–1:00 PM</td>
<td>Pacifica Ballroom 6</td>
</tr>
<tr>
<td>Concurrent Session 1-Spine: Adolescent Idiopathic Scoliosis</td>
<td>1:00 PM–3:10 PM</td>
<td>Pacifica Ballroom 1-3</td>
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<tr>
<td>Concurrent Session 2-Foot: Congential and Acquired Conditions in the Child's Foot</td>
<td>1:00 PM–3:10 PM</td>
<td>Pacifica Ballroom 7</td>
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<tr>
<td>Break &amp; Exhibits</td>
<td>3:10 PM–3:30 PM</td>
<td>Pacifica Ballroom 6</td>
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## Thursday, November 30

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<thead>
<tr>
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<tr>
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<td>Breakfast &amp; Exhibits</td>
<td>6:30 AM–7:30 AM</td>
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<tr>
<td>Industry Spotlight Sessions</td>
<td>7:30 AM–8:40 AM</td>
<td>Pacifica Brm 8-9</td>
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<td>Globus Medical</td>
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<td>OrthoPediatrics</td>
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<td>Arthrex</td>
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<td>BioMarin</td>
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<td>DePuy Synthes</td>
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<td>Wright Medical</td>
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<td>So. China Sea</td>
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<tr>
<td>Break &amp; Exhibits</td>
<td>8:40 AM–9:00 AM</td>
<td>Pacifica Ballroom 6</td>
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<tr>
<td>GENERAL SESSION 2-Hip- DDH</td>
<td>9:00 AM–11:30 AM</td>
<td>Pacifica Ballroom 7</td>
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<tr>
<td>Lunch &amp; Exhibits</td>
<td>11:30 AM–12:30 PM</td>
<td>Pacifica Ballroom 6</td>
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<tr>
<td>Lunchtime Cases</td>
<td>11:45 AM–12:30 PM</td>
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<tr>
<td>CME Breakout 2: Ponseti I (hands-on)</td>
<td>12:30 PM–2:00 PM</td>
<td>Banda Sea</td>
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<tr>
<td>Principles of Deformity Correction- Part 2</td>
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<td>Tumors</td>
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<td>Pacifica Brm 8-9</td>
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<tr>
<td>Pelvic Osteotomies I: Salter, Dega, Pemberton (hands on)</td>
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<td>Syndromic Patient</td>
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<td>Pacifica Brm 10</td>
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<td>POPS: The Limping Child</td>
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<tr>
<td>Break &amp; Exhibits</td>
<td>2:00 PM–2:20 PM</td>
<td>Pacifica Ballroom 6</td>
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## Schedule At a Glance, continued

### Thursday, November 30, continued

<table>
<thead>
<tr>
<th>Event</th>
<th>Time</th>
<th>Location</th>
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<tbody>
<tr>
<td>Concurrent Session 3- Building Great Orthopaedic Teams</td>
<td>2:20 PM–4:30 PM</td>
<td>Pacifica Ballroom 1-3</td>
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<tr>
<td>Concurrent Session 4- Syndromes: Bad to the Bone</td>
<td>2:20 PM–4:30 PM</td>
<td>Pacifica Ballroom 7</td>
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<tr>
<td>Top Gun Surgical Simulation Competition (by invitation only)</td>
<td>5:00 PM–7:30 PM</td>
<td>Pacifica Ballroom 7</td>
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### Friday, December 1

<table>
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<td>Registration</td>
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<tr>
<td>Breakfast &amp; Exhibits</td>
<td>6:30 AM–7:30 AM</td>
<td>Pacifica Ballroom 6</td>
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<tr>
<td>Industry Spotlight Sessions</td>
<td>7:30 AM–8:40 AM</td>
<td>Coral Sea 2, Java Sea 1-2, Pacifica Brm 11, Pacifica Brm 12, Timor Sea 1-2, So. China Sea</td>
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<tr>
<td>Break &amp; Exhibits</td>
<td>8:40 AM–9:00 AM</td>
<td>Pacifica Ballroom 6</td>
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<tr>
<td>Concurrent Session 5- Sports</td>
<td>9:00 AM–11:30 AM</td>
<td>Pacifica Ballroom 7</td>
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<tr>
<td>Concurrent Session 6- Office Management (Non-OP)</td>
<td>9:00 AM–11:30 AM</td>
<td>Pacifica Ballroom 1-3</td>
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<td>Lunch &amp; Exhibits</td>
<td>11:30 AM–12:30 AM</td>
<td>Pacifica Ballroom 6</td>
</tr>
<tr>
<td>Lunchtime Cases</td>
<td>11:45 AM–12:30 AM</td>
<td>Pacifica Ballroom 6</td>
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<tr>
<td>GENERAL SESSION 3- Author’s Preferred Techniques</td>
<td>12:30 PM–3:00 PM</td>
<td>Pacifica Ballroom 7</td>
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<tr>
<td>Awards and Acknowledgments</td>
<td>3:00 PM–3:15 PM</td>
<td>Pacifica Ballroom 7</td>
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<tr>
<td>Break &amp; Exhibits</td>
<td>3:15 PM–3:40 PM</td>
<td>Pacifica Ballroom 6</td>
</tr>
<tr>
<td>CME Breakout 3: Ponseti II</td>
<td>3:40 PM–5:00 PM</td>
<td>Banda Sea, Java Sea, Pacifica 7, Coral Sea, Pacifica Brm 11, Pacifica Brm 12</td>
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<tr>
<td>Six Axis Deformity Correction - Fracture Correction - Part 1 (hands-on)</td>
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<tr>
<td>Orthopaedic Emergencies</td>
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<td>Pacifica 7</td>
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<tr>
<td>Pelvic Osteotomies II</td>
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<td>Coral Sea</td>
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<td>CP Gait Analysis</td>
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<td>Pacifica Brm 11</td>
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<tr>
<td>POPS: Idiopathic Scoliosis: Best Practices in Surgical Care</td>
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<td>Pacifica Brm 12</td>
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### Saturday, December 2

<table>
<thead>
<tr>
<th>Event</th>
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<td>Registration</td>
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<tr>
<td>Breakfast &amp; Exhibits</td>
<td>6:30 AM–7:30 AM</td>
<td>Pacifica Ballroom 6</td>
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<tr>
<td>Concurrent Session 7- CP: Surgery to Improve Ambulation</td>
<td>7:30 AM–9:40 AM</td>
<td>Pacifica Ballroom 1-3</td>
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<tr>
<td>Concurrent Session 8- Hand &amp; UE for the Pediatric Orthopaedist</td>
<td>7:30 AM–9:40 AM</td>
<td>Pacifica Ballroom 7</td>
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<tr>
<td>One-Day Fundamentals in Pediatric Orthopaedics Review Course</td>
<td>8:00 AM–2:30 PM</td>
<td>Pacifica Ballroom 11-12</td>
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<tr>
<td>Break &amp; Exhibits</td>
<td>9:40 AM–10:10 AM</td>
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<tr>
<td>One-Day Fundamentals Review Course Break</td>
<td>9:50 AM–10:20 AM</td>
<td>Pacifica Ballroom 11-12</td>
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<tr>
<td>CME Breakout 4: Six Axis Deformity Correction: Fracture Correction - Part 2 (hands-on)</td>
<td>10:00 AM–11:30 AM</td>
<td>Java Sea, Pacifica Ballroom 7, Timor Sea</td>
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<tr>
<td>Pediatric Lower Extremity Trauma</td>
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<tr>
<td>Hand-Brachial Plexus Birth Palsy</td>
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<tr>
<td>Lunch</td>
<td>11:30 AM–12:30 PM</td>
<td>Pacifica Ballroom 6</td>
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Schedule Subject to Change
14th Annual International Pediatric Orthopaedic Symposium

Presented by

Donald S. Bae, MD  Michael G. Vitale, MD, MPH
Director         Director Emeritus

IPOS Vision

Through our inspiring international faculty, innovative programming, and vibrant interactions among all attendees, IPOS aspires to be the best pediatric orthopaedic educational event in the world.

IPOS Mission

To provide the highest quality pediatric orthopaedic education to learners and practitioners of all levels.

Explore all areas of contemporary pediatric orthopaedics
Join hundreds of pediatric orthopaedic professionals from around the world to discover new insights and technology, and integrate best practices and expertise into your care of children and adolescents. From fundamental fracture treatments to advanced surgical techniques, engaging programming represents all subspecialty fields of pediatric orthopaedics.

Customize with more than 40 breakout selections

Be a part of the discussions, demonstrations, lectures, hands-on technical workshops, and industry-sponsored sessions that deliver solutions and meet your unique learning needs and interests.

Learning Objectives

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

• Effectively assess children with musculoskeletal conditions requiring care
• Compare and contrast surgical and non-operative treatment options for common pediatric orthopaedic conditions
• Apply alternative treatment techniques for selected pediatric orthopaedic conditions
• Identify, manage, and prevent complications of common pediatric orthopaedic conditions and treatments
• Implement evidence-based strategies for infection control, fracture care, and management of sports-related injuries.

FDA Statement (United States)

Some drugs or medical devices demonstrated at this IPOS Meeting may not have been cleared by the FDA or have been cleared by the FDA for specific purposes only. The FDA has stated that it is the responsibility of the physician to determine the FDA clearance status of each drug or medical device he or she wishes to use in clinical practice. Academy policy provides that “off label” uses of a drug or medical device may be described in the Academy’s CME activities so long as the “off label” use of the drug or medical device is also specifically disclosed (i.e., it must be disclosed that the FDA has not cleared the drug or device for the described purpose). Any drug or medical device is being used “off label” if the described use is not set forth on the product’s approval label.

Disclosure

Each faculty member in this meeting 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.

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 and the Academy do 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.

Language

English will be the official language of the IPOS 2017 meeting.

No Smoking Policy

Smoking is not permitted during any meeting or event.

No Cameras or Video Cameras

Cameras or video cameras may not be used.

No Reproductions

No reproductions of any kind including audio tapes and videotapes may be made of the presentations at this meeting without the prior written permission of POSNA. POSNA reserves all of its rights to such material and commercial reproduction is specifically prohibited.

Photographs

Registration and attendance at, or participation in, POSNA activities constitutes an agreement by the registrant to allow POSNA to use and distribute (both now and in the future) the registrant’s or attendee’s image in POSNA member communications and promotional materials.
General Meeting Information, continued

Insurance / Liabilities

POSNA will not be held liable for personal injuries or for loss or damage to property incurred by participants or guests at the IPOS 2017 Meeting, including those participating in social events. Participants and guests are encouraged to take out insurance to cover losses incurred in the event of cancellation, medical expenses or damage to or loss of personal effects when traveling outside their own country.

POSNA cannot be held liable for any hindrance or disruption of the IPOS 2017 Meeting arising from natural, political, social or economic events or other unforeseen incidents beyond its control. Registration of a participant implies acceptance of this condition.

Registration Hours

<table>
<thead>
<tr>
<th>Date</th>
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<tbody>
<tr>
<td>Tuesday, November 28</td>
<td>3:00 PM – 7:00 PM</td>
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<tr>
<td>Wednesday, November 29</td>
<td>6:30 AM – 6:00 PM</td>
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<tr>
<td>Thursday, November 30</td>
<td>6:30 AM – 4:30 PM</td>
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<tr>
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Exhibit Hall Hours

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Speaker Ready Room Hours

<table>
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<td>6:30 AM – 2:30 PM</td>
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Onsite Registration Available

Tuesday, November 28

- **REGISTRATION**
  - 3:00 PM–7:00 PM
- **Scholarship Recipient Case Presentations**
  - 4:00 PM–5:15 PM
- **Career and Professional Development for Residents and Fellows**
  - 5:15 PM–6:30 PM
- **CONCURRENT EVENTS** (Non-CME)
  - **Adolescent Idiopathic Scoliosis: Work-up, Pre-op Planning, and Tips for Success**
    - Faculty: Suken A. Shah MD, Michael Glotzbearer MD
  - **The Surgical Treatment of Hip Dysplasia in Older Children and Adolescents**
    - Faculty: Pablo Castañeda, MD, Nicholas Fletcher, MD, José Herrera Soto, MD, Young Jo Kim, MD
  - **Cocktail Reception**
    - Sponsored by NuVasive and OrthoPediatrics

Wednesday, November 29

- **REGISTRATION**
  - 6:30 AM–6:00 PM
- **BREAKFAST and EXHIBITS**
  - 6:30 AM–7:45 AM
- **GENERAL SESSION 1 - Pediatric Trauma: What EVERY Provider Should Know in 2017**
  - Moderator(s): Donald S. Bae, MD, Jeffrey R. Sawyer, MD, John M. (Jack) Flynn, MD
  - eModerator(s): Bryan J. Tompkins, MD
  - 7:45 AM Introduction – Donald S. Bae, MD
  - 7:50 AM Supracondylar Humerus Fractures: Standard of Care in 2017 – Todd A. Milbrandt, MD
  - 7:57 AM The Challenging Supracondylar Humerus Fracture: Technical Pearls and Pitfalls – David L. Skaggs, MD, MMM
  - 8:04 AM Supracondylar Humerus Fracture: Malunions – Steven L. Frick, MD
  - 8:11 AM Supracondylar Humerus Fracture: Cases – Donald S. Bae, MD
  - 8:31 AM Femur Fractures: Standard of Care – John M. (Jack) Flynn, MD
  - 8:38 AM Femur Fractures: Antegrade Trochanteric Nailing, Where Are We in 2017? – Kenneth J. Noonan, MD
  - 8:52 AM Femur Fractures: Complications – Christof Radler, MD
  - **Pre-Course**
    - Sponsored by NuVasive and OrthoPediatrics

Fundamentals in Pediatric Orthopaedics

This one-day (Saturday) intensive review course prepares you for the 2018 Pediatric MOC Recertification Exam, the Board Examination, and is an all-around foundation builder in pediatric orthopaedics.

Schedule Subject to Change
10:30 AM–12:00 PM

CME BREAKOUT SESSIONS continued

**Perthes**

Moderator(s): Jonathan H. Phillips, MD

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>10:30 AM</td>
<td>Introduction – Jonathan H. Phillips, MD</td>
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<tr>
<td>10:35 AM</td>
<td>Natural History – Stuart L. Weinstein, MD</td>
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<tr>
<td>10:44 AM</td>
<td>Getting Containment Non-Operatively – Wudbhav N. Sankar, MD</td>
</tr>
<tr>
<td>10:51 AM</td>
<td>Biological Treatments: What Does the Evidence Show? David G. Little, MD, MBBS, FRACS, PhD</td>
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<tr>
<td>10:57 AM</td>
<td>Discussion</td>
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<td>11:08 AM</td>
<td>Pelvic Osteotomies – Thomas Wirth, MD</td>
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<td>11:15 AM</td>
<td>Femoral Osteotomies – Young-Jo Kim, MD, PhD</td>
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<td>11:22 AM</td>
<td>Salvage Procedures – Vineeta Swaroop, MD</td>
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<tr>
<td>11:29 AM</td>
<td>Discussion</td>
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<tr>
<td>11:35 AM</td>
<td>Cases – Jonathan H. Phillips, MD</td>
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</tbody>
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**New Ways to View Old Problems–21st Century Imaging and Models**

Faculty: Jonathan G. Schoenecker, MD
Benjamin J. Shore, MD, MPH, FRCSC
Bryan J. Tompkins, MD

The Future Technology

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tr>
<td>10:30 AM</td>
<td>Imaging</td>
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<tr>
<td>10:38 AM</td>
<td>3D Modeling</td>
</tr>
<tr>
<td>10:44 AM</td>
<td>Haptics/Simulators</td>
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<tr>
<td>10:50 AM</td>
<td>Discussion</td>
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<td>10:57 AM</td>
<td>Applications of Technology to the Hip</td>
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<td>11:03 AM</td>
<td>CP</td>
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<td>11:09 AM</td>
<td>Perthes</td>
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<td>11:15 AM</td>
<td>SCFE</td>
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<td>11:21 AM</td>
<td>DDH</td>
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<tr>
<td>11:28 AM</td>
<td>Discussion</td>
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Hands-on Stations

Pathoanatomy, Surgical Approaches, Bone Model Demonstrations
Wednesday, November 29, continued

Sports and Ankle

Moderator(s): Theodore J. Ganley, MD
10:33 AM Treatment of Talar OCD in Skeletally Immature – William L. Hennrikus, Jr., MD
10:41 AM Peroneal Tendinopathy and Instability – Mininder S. Kocher, MD, MPH
10:49 AM Tibiotalar Ankle Instability – Michael T. Busch, MD
10:57 AM Os Trigonum – Theodore J. Ganley, MD
11:05 AM 3 Brief Cases – Bryan J. Tompkins, MD

Cases and Techniques

Moderator(s): Kevin G. Shea, MD
11:15 AM Syndesmotic Injuries in Children: Screw vs. Tether/Suture Fixation – Kevin G. Shea, MD
11:22 AM Tillaux and Triplane Fractures: Preferred Approaches – Mark A. Erickson, MD
11:29 AM Jones Fractures in Adolescents: Preferred Approaches – Todd A. Milbrandt, MD
11:36 AM Lisfranc and Lisfranc Equivalents in Teenagers: Preferred Approaches – Jennifer M. Weiss, MD
11:43 AM Q&A, Discussion – Michael T. Busch, MD

POPS: In the Know for the AAP: Pediatric Orthopaedic Roundtable

Moderator(s): Lindsey Locke, MSN, CPNP-PC
Leslie Rhodes, DNP, PPCNP-BC

Attendees choose to attend 2 of 3 group discussions

#1: Orientation/Onboarding – Gerard Montgomery, Chuck Wyatt

#2: Practice Development – (DNP, Membership in Professional Organizations) – Leslie Rhodes, Rachel Difazio

#3: Clinical Practice – Lindsey Locke, Carie Chan
10:30 AM Introduction
10:35 AM Session 1
11:20 AM Session 2

1:00 PM–3:10 PM CONCURRENT SESSIONS

1:00 PM–3:10 PM CONCURRENT SESSION 1 – Spine: Adolescent Idiopathic Scoliosis
Moderator(s): Michael G. Vitale, MD, MPH, David L. Skaggs, MD, MMM
Mark A. Erickson, MD

Moderator(s): Michael P. Glotzbecker, MD
Nicholas Fletcher, MD

Decision Making
1:00 PM #CureAIS: Best Practices in Conservative Scoliosis Care – Michael G. Vitale, MD, MPH
1:08 PM Things I Do to Make My Spine Care Better In and Out of the OR – Michael P. Glotzbecker, MD
1:16 PM Complex and Controversial Decisions in AIS and JIS – Peter O. Newton, MD
1:24 PM Q&A – Michael G. Vitale, MD, MPH

Execution
1:31 PM Key Steps in AIS Surgery – David L. Skaggs, MD, MMM
1:39 PM How to Develop Kyphosis in the Hypokyphotic Spine – Lawrence G. Lenke, MD
1:47 PM DVR- Principle for Success – Ilkka Helenius, MD
1:55 PM Q&A – David L. Skaggs, MD, MMM

Technical Bullet Tips and Tricks to Make You Better
2:02 PM Success and Failure of Anterior Vertebral Tethering – Amer Samdani, MD
2:10 PM Unintended Reciprocal Effects After AIS Fusion – Muharrem Yazici, MD, MBA
2:18 PM Tips to Optimize Post Op Care – Nicholas Fletcher, MD
2:25 PM Q&A – Mark A. Erickson, MD
2:31 PM Controversial Cases – Michael G. Vitale, MD, MPH

12:00 PM–1:00 PM LUNCH and EXHIBITS
### Wednesday, November 29, continued

<table>
<thead>
<tr>
<th>Time</th>
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| 1:00 PM–3:10 PM | **CONCURRENT SESSION 2 – Foot: Congenital and Acquired Conditions in the Child’s Foot**
|             | Moderator(s): Vincent S. Mosca, MD
|             | Moderator(s): Brandon Ramo, MD
|             | Elizabeth Weber, MD
| 1:00 PM     | Top 10 Things You Need to Know About the Biomechanics of the Child’s Foot – Vincent S. Mosca, MD
| 1:11 PM     | Radiographic Assessment of Congenital Foot Deformities – Vincent S. Mosca, MD
| 1:21 PM     | Orthoses: What and When in 2017? – Brian G. Smith, MD
| 1:31 PM     | Q&A
| 1:36 PM     | Neglected Clubfoot – Alain Dimeglio, MD
| 1:51 PM     | CVT – Elizabeth Weber, MD
| 2:06 PM     | Painful Flat Foot – Brandon Ramo, MD
| 2:21 PM     | Accessory Navicular – Lori A. Karol, MD
| 2:36 PM     | Macrodactyly – Vincent S. Mosca, MD
| 2:51 PM     | Tarsal Coalitions – Brian G. Smith, MD
| 3:10 PM–3:30 PM | BREAK and EXHIBITS
| 3:30 PM–4:40 PM | **Industry Spotlight Sessions***(Non-CME)*
| 4:50 PM–6:00 PM | **Industry Spotlight Sessions***(Non-CME)*
| 6:15 PM–7:15 PM | **Course Directors’ Welcome Reception**

### Thursday, November 30

<table>
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<tr>
<th>Time</th>
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| 6:30 AM–4:30 PM | **REGISTRATION**
| 6:30 AM–7:30 AM | BREAKFAST and EXHIBITS
| 7:30 AM–8:40 AM | **Industry Spotlight Sessions***(Non-CME)*
| 8:40 AM–9:00 AM | BREAK and EXHIBITS
| 9:00 AM–11:30 AM | **GENERAL SESSION 2 – Hip: DDH**
|             | Moderator(s): Deborah Eastwood, MB, ChB, FRCS
|             | Pablo Castañeda, MD
|             | Daniel J. Sucato, MD, MS
|             | Ernest L. Sink, MD
|             | Moderator(s): Wudbhav N. Sankar, MD
|             | Jose A. Herrera-Soto, MD
| 9:00 AM     | Why Does This Happen? 2017 Knowledge Updated – Deborah Eastwood, MB, ChB, FRCS
| 9:07 AM     | Ultrasound: What Does it Tell Us? How to Do it in the Office? – Pablo Castañeda, MD
| 9:14 AM     | Pavlik: Pearls From my Career – Deborah Eastwood, MB, ChB, FRCS
| 9:28 AM     | Discussion – Deborah Eastwood, MB, ChB, FRCS
| 9:37 AM     | Closed Reduction: Pearls and Pitfalls from my Career – Dennis R. Wenger, MD
| 9:44 AM     | Failed Closed Reduction: When Do We Perform Open Reduction – Wudbhav N. Sankar, MD
| 9:51 AM     | Open Reduction: Go Anterior, Here’s Why and How – Lori A. Karol, MD
| 9:58 AM     | Open Reduction: Go Medical, Here’s Why and How – Stuart L. Weinstein, MD
| 10:05 AM    | Discussion – Pablo Castañeda, MD
| 10:12 AM    | Cases and Complications – Pablo Castañeda, MD
| 10:31 AM    | Pelvic Osteotomy: Do a Salter – Thomas Wirth, MD
| 10:38 AM    | Pelvic Osteotomy: Do a Dega – Dennis R. Wenger, MD
| 10:45 AM    | Technical Tips for Femoral Osteotomies – Daniel J. Sucato, MD, MS
| 10:51 AM    | Discussion – Daniel J. Sucato, MD, MS
| 11:00 AM    | DDH in the Adolescent & Young Adult: Presentation and Imaging – Ernest L. Sink, MD

*See page 14 for details.*
Thursday, November 30, continued

11:07 AM  PAO: Pearls and Pitfalls – Young-Jo Kim, MD, PhD
11:13 AM  Discussion – Ernest L. Sink, MD
11:19 AM  Cases and Complications – Ernest L. Sink, MD

11:30 AM–12:30 PM  LUNCH and EXHIBITS

11:45 AM–12:30 PM  Lunchtime Cases

12:30 PM–2:00 PM  CME BREAKOUT SESSIONS

Ponseti I (Hands On)
Chair: Kenneth J. Noonan, MD
Faculty: Alain Dimeglio, MD, Robert M. Kay, MD, Vincent S. Mosca, MD, Brandon Ramo, MD, Stuart L. Weinstein, MD

Principles of Deformity Correction – Part 2
Chair: John E. Herzenberg, MD
Co-Chair: Christof Radler, MD
Faculty: Deborah Eastwood, FRCS, James McCarthy, MD, MHCM, Elizabeth Weber, MD

Tumors
Moderator(s): Alexandre Arkader, MD
12:30 PM  Evaluation: The Red Flags – Michelle S. Caird, MD
12:39 PM  Radiographic Diagnosis: Name That Tumor – Alexandre Arkader, MD
12:48 PM  Biopsies Gone Bad: Lessons from St. Elsewhere – Vernon T. Tolo, MD
12:57 PM  Cases and Discussion – Vernon T. Tolo, MD
1:13 PM  Osteochondromas: Indications and Techniques of Surgery – Vineeta Swaroop, MD
1:22 PM  Cysts: Assessing Fracture Risk, Do Injections Really Work, Definitive Treatment – Michelle S. Caird, MD
1:31 PM  Fibrous Dysplasia: Principles of Care – Vernon T. Tolo, MD
1:40 PM  Malignant Bone Tumors: Limb Salvage in 2017 – Alexandre Arkader, MD
1:49 PM  Cases and Discussion – Alexandre Arkader, MD

Pelvic Osteotomies I: Salter, Dega, Pemberton (Hands On)
Chair: Ernest L. Sink, MD
Faculty: Pablo Castañeda, MD, Nicholas Fletcher, MD, Jose A. Herrera-Soto, MD, Young-Jo Kim, MD, PhD, Wudbhav N. Sankar, MD, Ernest L. Sink, MD, Thomas Wirth, MD

Syndromic Patient
Moderator(s): William G. Mackenzie, MD
12:30 PM  MHE – Jon R. Davids, MD
12:40 PM  Ollier’s – Dror Paley, MD, FRCSC
12:50 PM  Cases (1 MHE, 1 Olliers) – William G. Mackenzie, MD
1:15 PM  NF – Paul D. Sponseller, MD
1:25 PM  KTW/Hemihypertrophy – David G. Little, MD, MBBS, FRACS, PhD
1:35 PM  Cases (1 NF, 1 Hypertrophy) – Paul D. Sponseller, MD

POPS: The Limping Child
Moderator(s): Kim Ingraham, PA-C
12:30 PM  Clinical Evaluation – Kim Ingraham, PA-C
12:39 PM  Radiographic Evaluation – Leslie Rhodes
12:48 PM  Diagnostic Testing – Richard M. Schwend, MD
12:57 PM  Osteomyelitis – G. Ying Li, MD
1:05 PM  Discussion – G. Ying Li, MD
1:21 PM  SCFE/Perthes – Mark A. Erickson, MD
1:29 PM  Stress Fractures – Lindsey Locke
1:39 PM  Office Care for Common Fractures – Gerard Montgomery
1:48 PM  NAT – Jennifer Nance
1:57 PM  Q&A

2:00 PM–2:20 PM  BREAK and EXHIBITS
Thursday, November 30, continued

2:20 PM–4:30 PM  CONCURRENT SESSIONS

2:20 PM–4:30 PM  CONCURRENT SESSION 3 – Building Great Orthopaedic Teams
Moderator(s): Steven L. Frick, MD, Jeffrey R. Sawyer, MD, Peter M. Waters, MD
eModerator(s): David L. Skaggs, MD, MMM
Kevin G. Shea, MD

2:20 PM  Introduction – Donald S. Bae, MD

Building Teams
2:26 PM  How Orthopaedic Teams Are Different in 2017 – David L. Skaggs, MD, MMM

2:35 PM  Creating a Team for International Work – Michelle James, MD

2:44 PM  Virtual Teams – Bryan J. Tompkins, MD

2:53 PM  Assembling Your Team: Roundtable Discussion – Steven L. Frick, MD

Tools for Team Success
3:14 PM  Using CUSP to Build Teams and Drive Performance – Michael G. Vitale, MD, MPH

3:23 PM  Tools for Effective Team Performance – Kevin G. Shea, MD

3:32 PM  Mentoring Within Teams: Roundtable Discussion – Jeffrey R. Sawyer, MD

Teams in Action
3:51 PM  The Best Teams Have APPs! – Jill Ariagno, MSN, RN

4:00 PM  Best Practices: Multidisciplinary Clinics – Unni G. Narayanan, MBBS, MSc, FRCS

4:10 PM  Best Practices: Urgent Trauma Care – Peter M. Waters, MD

4:20 PM  Discussion – Peter M. Waters, MD

2:20 PM–4:30 PM  CONCURRENT SESSIONS

2:20 PM–4:30 PM  CONCURRENT SESSION 4 – Syndromes: Bad to the Bone: Challenges in Treating Skeletal Dysplasias and Genetic Syndromes
Moderator(s): William G. Mackenzie, MD, John E. Herzenberg, MD

2:26 PM  Medical Therapy for OI – Michelle S. Caird, MD

2:36 PM  Maintaining Growth and Avoiding Fractures in the LE – David G. Little, MD, MBBS, FRACS, PhD

2:44 PM  OI Spine – Suken A. Shah, MD

2:52 PM  UE Care: Recurrent Humerus Fractures – Michelle James, MD

3:00 PM  Q&A

3:05 PM  Cases: Challenging Fractures/Deformity – William G. Mackenzie, MD

4:04 PM  Cases & Discussion – John E. Herzenberg, MD

4:20 PM  Discussion – Peter M. Waters, MD

5:00 PM–7:30 PM  Top Gun: Surgical Simulation Competition
(By Invitation Only)
**Friday, December 1**

6:30 AM–5:00 PM  REGISTRATION

6:30 AM–7:30 AM  BREAKFAST and EXHIBITS

7:30 AM–8:40 AM  **Industry Spotlight Sessions** *(Non-CME)*

*See page 14 for details.

8:40 AM–9:00 AM  BREAK and EXHIBITS

9:00 AM–11:30 AM  **CONCURRENT SESSIONS**

9:00 AM–11:30 AM  **CONCURRENT SESSION 5 – Sports: Patellofemoral Instability and Knee OCD**

**Moderator(s):** Theodore J. Ganley, MD, Kevin G. Shea, MD, Mininder S. Kocher, MD, MPH

**eModerator(s):** Michael T. Busch, MD, Jennifer M. Weiss, MD

**Should We Operate Right Away?**

9:00 AM  Shoulder Instability – Jennifer M. Weiss, MD

9:09 AM  UCL Tear – Mininder S. Kocher, MD, MPH

9:18 AM  Medial Epicondyle Fracture – Theodore J. Ganley, MD

9:27 AM  Capitellar OCD – Donald S. Bae, MD

9:36 AM  Discussion – Theodore J. Ganley, MD

**Patellar Instability**

9:50 AM  1st Time Patellar Dislocation: Best Practice in 2017? – Amy L. McIntosh, MD


10:04 AM  Osteotomies for PF Malalignment: What I Do and Why – Todd A. Milbrandt, MD

10:11 AM  Cases – Michael T. Busch, MD

10:30 AM  Q&A

**Knee OCD**

10:36 AM  Knee OCD: Imaging and Classification – Jennifer M. Weiss, MD

10:41 AM  Non-op Treatment for OCD: For Whom and How (Case Presentation) – Michael T. Busch, MD

10:47 AM  How I Do It: Drilling – Mininder S. Kocher, MD, MPH

10:53 AM  How I Do It: Fixation – Kevin G. Shea, MD

10:59 AM  Osteochondral Allograft/ACI – Theodore J. Ganley, MD

11:05 AM  What Does the Future Hold? Bone, Cartilage, and Biologics – Jonathan G. Schoenecker, MD, PhD

11:11 AM  Cases and Q&A

Mininder S. Kocher, MD, MPH

9:00 AM–11:30 AM  **CONCURRENT SESSION 6 – Office Management (Non OP)**

**Moderator(s):** Michelle S. Caird, MD, Brian G. Smith, MD

**eModerator(s):** Mark A. Erickson, MD, Lindsay M. Andras, MD

9:00 AM  Introduction – Michelle S. Caird, MD

9:05 AM  Clubfoot: Ponseti Casting Pearls and Pitfalls – Stuart L. Weinstein, MD

9:13 AM  Clubfoot: How to Do the Office Heelcord Tenotomy – Brandon Ramo, MD

9:21 AM  Clubfoot: Creating Great Teams to Run an Efficient Clubfoot Clinic – Kim Ingraham, PA-C

9:28 AM  Discussion

9:39 AM  Intoeing: The Efficient 5 Minutes Examination – Wudbhav N. Sankar, MD


9:57 AM  Intoeing: Using POSNA.org to Educate Families – Bryan J. Tompkins, MD

10:05 AM  Discussion

10:16 AM  DRF: Evidence-Based Care in 2017 – Lindsay M. Andras, MD

10:25 AM  DRF: Maximizing Value Through CPGs, SCAMPS, and TDABC – Peter M. Waters, MD

10:34 AM  DRF: Utilizing the EMR to Maximize Efficiency – John M. (Jack) Flynn, MD

10:42 AM  Discussion

10:53 AM  Scoliosis: Best Practices in Screening, Diagnosis and Follow-up – Michael P. Glotzbecker, MD

11:02 AM  Scoliosis: How to Maximize Bracing Compliance – Lori A. Karol, MD

11:11 AM  Scoliosis: Monitoring Progression with Minimal Radiation – Richard M. Schwend, MD

11:20 AM  Discussion

11:30 AM–12:30 PM  **LUNCH and EXHIBITS**
Friday, December 1, continued

11:45 AM–12:30 PM Lunchtime Cases

12:30 PM–3:00 PM GENERAL SESSION 3 – Author’s Preferred Techniques
Moderator(s): Dennis R. Wenger, MD
-eModerator(s): A. Noelle Larson, MD

12:30 PM Introduction – Dennis R. Wenger, MD
12:33 PM Physeal Sparing ACL – Mininder S. Kocher, MD, MPH
12:39 PM Discoid Meniscus – Theodore J. Ganley, MD
12:45 PM Ulnar Shortening + TFCC – Donald S. Bae, MD
12:51 PM Discussion
12:57 PM Posterior Tib Transfer for CP – Jon R. Davids, MD
1:03 PM Heel Cord Tenotomy for Clubfoot – Vincent S. Mosca, MD
1:09 PM Tricepsplasty for Arthrogryposis – Michelle James, MD
1:15 PM Discussion
1:21 PM Walking Spica – John M. (Jack) Flynn, MD
1:27 PM ORIF Triplane Fracture – Jeffrey R. Sawyer, MD
1:33 PM ORIF Lateral Condyle – Kenneth J. Noonan, MD
1:39 PM Discussion
1:45 PM Anterior Hip OR – Daniel J. Sucato, MD, MS
1:51 PM Shelf – Young-Jo Kim, MD
1:57 PM Reduction for Severe Acute SCFE – Jonathan G. Schoenecker, MD, PhD
2:03 PM Discussion
2:09 PM Mehta Cast – A. Noelle Larson, MD
2:15 PM C1-C2 for AARI – Suken A. Shah, MD
2:21 PM Primary Multilevel Wound Closure – Michael G. Vitale, MD, MPH
2:27 PM Discussion
2:33 PM Pathologic Fracture of Proximal Femur – Alexandre Arkader, MD
2:39 PM Oberlin – Peter M. Waters, MD
2:45 PM Tibial Pseudarthrosis – John E. Herzenberg, MD
2:51 PM Discussion

3:00 PM–3:15 PM Awards and Acknowledgments

3:15 PM–3:40 PM BREAK and EXHIBITS

3:40 PM–5:00 PM CME BREAKOUT SESSIONS

Ponseti II
Chair: Kenneth J. Noonan, MD
Faculty: Alain Dimeglio, MD
Vincent S. Mosca, MD
Brandon Ramo, MD
Stuart L. Weinstein, MD

In this session, attendees will be exposed to the entire spectrum of clubfoot management. Through case based material, we will review problems encountered with Ponseti method; surgical management of neglected club feet and management of clubfoot recurrences from birth to maturity.

Six Axis Deformity Correction-Fracture Correction (Hands On)
Chair: John E. Herzenberg, MD
Co-Chair: Christof Radler, MD
Faculty: Deborah Eastwood, FRCS
James McCarthy, MD, MHCM
Elizabeth Weber, MD

Orthopaedic Emergencies*
Moderator(s): Pablo Castañeda, MD

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<tr>
<td>3:40 PM</td>
<td>Introduction – Pablo Castañeda, MD</td>
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<td>3:46 PM</td>
<td>Compartment Syndrome – Jeffrey R. Sawyer, MD</td>
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<td>3:55 PM</td>
<td>Open Fractures – Brian G. Smith, MD</td>
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<td>4:04 PM</td>
<td>Infection – Jonathan G. Schoenecker, MD</td>
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<td>4:13 PM</td>
<td>Discussion &amp; ASE Presentation – Pablo Castañeda, MD</td>
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<td>4:31 PM</td>
<td>Pulseless SCH – John M. (Jack) Flynn, MD</td>
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<td>4:40 PM</td>
<td>Spinal Fracture with Neurologic Injury – Michael P. Glotzbecker, MD</td>
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<tr>
<td>4:49 PM</td>
<td>Discussion – Pablo Castañeda, MD</td>
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Pelvic Osteotomies II: Triple, PAO (Hands On)
Chair: Daniel J. Sucato, MD, MS
Faculty: Nicholas Fletcher, MD
Jose A. Herrera-Soto, MD
Young-Jo Kim, MD, PhD
Ernest L. Sink, MD
Wudbhav N. Sankar, MD
Thomas Wirth, MD

*Available as webcast
Friday, December 1, continued

3:40 PM–5:00 PM  CME BREAKOUT SESSIONS continued

CP Gait Analysis

Moderator(s): Jon R. Davids, MD  Benjamin J. Shore, MD, MPH, FRCSC

3:40 PM  Qualitative Assessment of Normal Gait – Robert M. Kay, MD

4:01 PM  I Don't Have a Gait Lab! Technique of Observational Gait Analysis – Jon R. Davids, MD

4:11 PM  Introduction to Quantitative Gait Analysis – Benjamin J. Shore, MD, MPH, FRCSC

4:26 PM  Gait Disruption in Children with CP – Unni G. Narayanan, MBBS, MsC, FRCSC

4:36 PM  Cases: Common Gait Patterns in CP – Robert M. Kay, MD

4:50 PM  Questions/Discussion

POPS: Idiopathic Scoliosis: Best Practices in Surgical Care of Patients Undergoing Spine Instrumentation and Fusion

Moderator(s): Jill Ariagno, MSN, RN

Preparing the Patient and Family for Surgery – Amber Sentell
Intra-operative Care – Carrie Chan
Post-op Care – Wendy Moon
Pain Management – Jill Ariagno, MSN, RN
Case Study: One Institution’s Success at Rapid Recovery Protocol for AIS – Sharon Farrell
Panel Discussion/Wrap Up

Saturday, December 2

6:30 AM–2:30 PM  REGISTRATION

6:30 AM–7:30 AM  BREAKFAST and EXHIBITS

7:30 AM–9:40 AM  CONCURRENT SESSIONS

8:00 AM–2:30 PM  ONE-DAY FUNDAMENTALS IN PEDIATRIC ORTHOPAEDICS REVIEW COURSE

7:30 AM–9:40 AM  CONCURRENT SESSION 7 – CP: Surgery to Improve Ambulation
 Moderator(s): Unni G. Narayanan, MBBS, MsC, FRCSC, James J. McCarthy, MD, MHCM
 Moderator(s): Elizabeth Weber, MD

7:30 AM  SEMLS: Principles and Best Practices – Elizabeth Weber, MD

7:46 AM  Surgery for Transverse Plane Deviations: Where’s the Intoeing Coming From? – Robert M. Kay, MD

8:02 AM  Surgery for Sagittal Plane Deviations: Where’s the Knee Flexion Coming From? – Unni G. Narayanan, MBBS, MsC, FRCSC

8:18 AM  Discussion & Cases – Unni G. Narayanan, MBBS, MsC, FRCSC

8:37 AM  Surgery for Sagittal Plane Deviations: Where is the Equinus Coming From? – Benjamin J. Shore, MD, MPH, FRCSC

8:53 AM  Surgery for Foot Deviations: Why is the Foot Turning in and What Should I Do About It? – Jon R. Davids, MD

9:09 AM  Surgery for Foot Deviations: The Foot is Flat and Turns Out, What Should I Do About It? – James J. McCarthy, MD, MHCM

9:25 AM  Questions & Discussion – James J. McCarthy, MD, MHCM

7:30 AM–9:40 AM  CONCURRENT SESSION 8 – Hand & UE for the Pediatric Orthopaedist

Hand and UE Trauma for the On-Call Physician: Case-Based Discussion

7:30 AM  Introduction – Donald S. Bae, MD

7:35 AM  Case Discussion – Donald S. Bae, MD

8:15 AM  Q&A

Congenital UE Conditions for the Pediatric Orthopaedist

Sprengel’s: Indications & Surgical Options

8:20 AM  Case Presentation – Donald S. Bae, MD

8:30 AM  What I Do and Why I Do It – Peter M. Waters, MD

8:35 AM  Discussion

RUS: What Is It and Who Needs Surgery

8:40 AM  Case Presentation – Donald S. Bae, MD

8:50 AM  What I Do and Why I Do It – Michelle James, MD

8:55 AM  Discussion
Saturday, December 2, continued

9:00 AM  Case Presentation – Donald S. Bae, MD
9:10 AM  What I Do and Why I Do It – Peter M. Waters, MD
9:15 AM  Discussion

9:20 AM  Case Presentation – Donald S. Bae, MD
9:30 AM  What I Do and Why I Do It – Michelle James, MD
9:35 AM  Discussion

9:40 AM–10:00 AM  BREAK and EXHIBITS

10:00 AM–11:30 AM  CME BREAKOUT SESSIONS

Six Axis Deformity Correction-Blount (Hands On)
Chair: John E. Herzenberg, MD
Co-Chair: Christof Radler, MD
Faculty: Deborah Eastwood, FRCS
James McCarthy, MD, MHCM
Elizabeth Weber, MD

Pediatric Lower Extremity Trauma*  *Available as webcast
Moderator(s): Steven L. Frick, MD
10:00 AM  Introduction – Steven L. Frick, MD
10:05 AM  Femoral Neck Fractures – Jonathan H. Phillips, MD
10:13 AM  Femoral Shaft Fractures – Michael P. Glotzbecker, MD
10:21 AM  Tibial Fractures – Mark A. Erickson, MD
10:29 AM  Discussion & Case Presentation of Distal Femur Physeal FX – Steven L. Frick, MD
10:50 AM  Transitional Ankle Fractures – Lindsay M. Andras, MD
10:58 AM  Growth Arrest – Amy L. McIntosh, MD
11:06 AM  Complex Foot Injuries – William L. Henrikus, Jr., MD
11:14 AM  Discussion – William L. Henrikus, Jr., MD

Hand: Brachial Plexus Birth Palsy: Case-Based Discussion
Moderator(s): Donald S. Bae, MD
Faculty: Michelle James, MD
Peter M. Waters, MD
Case #1: The Infant with a Flail Limb
Case #2: The Toddler with Limited Shoulder Abduction
Case #3: The Adolescent with Internal Rotation Contracture

Schedule Subject to Change
Industry Spotlight Sessions (Non-CME)

Wednesday, November 29

3:30 PM–4:40 PM  Industry Spotlight Session #1

CLEMENTIA
Novel Approaches for Multiple Osteochondromas aka MHE
Dror Paley, MD; Kevin Jones, MD; Y. Yamaguchi, M; F. Shih, MD

DEPUY SYNTHES
Pitfalls and Pearls for Proximal Femoral Osteotomies
James McCarthy, MD; Martin Herman, MD; Ernest Sink, MD

NUVASIVE SPINE
How to Use Magnetic Technologies (MAGEC) to Improve Post-Operative EOS Care
Amer Samdani, MD; Jeffrey Sawyer, MD; Daniel Sucato, MD

STRAZYER SPINE
Advanced Deformity Techniques
Suken A. Shah, MD; Brian G. Smith, MD

ORTHOPEDIATRICS
The Derotation Debate in Pediatric Scoliosis Correction
Scott J. Luhmann, MD

4:50 PM–6:00 PM  Industry Spotlight Session #2

DEPUY SYNTHES
Maximizing Post-Traumatic Deformity Planning in Pediatric Patients: Advances in Computer Assisted Circular Fixation
Matt Harris, MD

EOS IMAGING
Seeing the Spine in 3D: Current Concepts for AIS
Suken Shah, MD; Stefan Parent, MD; Noelle Larson, MD

STRAZYER TRAUMA Foot & Ankle
Workshop Highlighting the HLRF Hexapod Software
Amy L. McIntosh, MD; Brian G. Smith, MD

ORTHOPEDIATRICS
What We’ve Learned about Surgical Treatment of PFFD – The Why, the When and Now What?
Shawn Standard, MD

Thursday, November 30

7:30 AM–8:40 AM  Industry Spotlight Session #3

BIOMARIN
Achondroplasia: Abnormal Development of the Spine and Management of the Clinical Sequelae
William G. Mackenzie, MD; Guirish Solanki, MBBS, FRCSI, FRCS (SN)

Thursday, November 30, continued

7:30 AM–8:40 AM  Industry Spotlight Session #3, cont’d

WRIGHT MEDICAL
Addressing Challenging Benign Bone Tumors and Cysts in the Pediatric Population
Michelle Ghert, MD

DEPUY SYNTHES SPINE
Neuromuscular Scoliosis: Principles of Management and Complication Prevention
Suken Shah, MD; Jack Flynn, MD; Paul Sponseller, MD

ARTHREX
Title TBD / Faculty TBD

GLOBUS MEDICAL
Title TBD / Dominick A. Tuason, MD

ORTHOPEDIATRICS
“I Can’t Sit And I Walk In Circles!“: Derotational Osteotomies To Improve Flexion, Foot Progression Angle and Decrease Impingement After SCFE
Jonathan Schoenecker, MD; Nicholas Fletcher, MD

Friday, December 1

7:30 AM–8:40 AM  Industry Spotlight Session #4

BIOGEN
Orthopaedic Management of SMA in the Era of Disease-Modifying Treatments
Brian Snyder, MD; Paul Sponseller, MD; Patrick Cahill, MD

DEPUY SYNTHES SPINE
Treatment of AIS: Beyond the Basics
Suken Shah, MD; Amer Samdani, MD; Michael Glotzbecker, MD

ARTHREX
Title TBD / Faculty TBD

NUVASIVE PRECISE
The New Limb Lengthening and Reconstruction Paradigm
Christopher lobst, MD; John Herzenberg, MD; Shawn Standard, MD

ORTHOPEDIATRICS
An Alternative to Intraoperative Navigation: 3D Printed Patient Specific Drill Guides in Complex Spinal Reconstruction Surgery
George Fry, MD

MEDTRONIC
Alternative Techniques for Three-Dimensional Correction in the presence of Atypical Anatomy
Rich Schwend, MD; Gertude Yingyu Li, MD
Accreditation Statement
These activities have been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of the American Academy of Orthopaedic Surgeons and the Pediatric Orthopaedic Society of North America. The American Academy of Orthopaedic Surgeons is accredited by the ACCME to provide continuing medical education for physicians.

AMA Credit Designation Statements
The American Academy of Orthopaedic Surgeons designates the live activity of the Full IPOS Course for a maximum of 23 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Those attending only the One-Day Fundamentals in Pediatric Orthopaedics MOC Review Course, the American Academy of Orthopaedic Surgeons designates this live activity for a maximum of 5 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Thank You
The Pediatric Orthopaedic Society of North America and the American Academy of Orthopaedic Surgeons gratefully acknowledges the following for their generous support of the 2017 IPOS Meeting:

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SAVE THE DATE

15th Annual International Pediatric Orthopaedic Symposium
Nov. 27 - Dec. 2, 2018
Orlando, Florida
POSNA Antitrust Policy

Discussions at POSNA meetings often cover a broad range of topics pertinent to the interests or concerns of orthopaedic surgeons. As a general rule, except as noted below, discussions at POSNA meetings can address topics without raising antitrust concerns if the discussions are kept scrupulously free of even the suggestion of private regulation of the profession. However, a number of topics that might be (and have been) discussed at POSNA meetings may raise significant complex antitrust concerns. These include:

- Membership admissions, rejections, restrictions, and terminations;
- Method of provision and sale of POSNA products and services to non-members;
- Restrictions in the selection and requirements for exhibitors at the POSNA Annual Meeting or in CME activities;
- Collecting and distributing certain orthopaedic practice information, particularly involving practice charges and costs;
- Obtaining and distributing orthopaedic industry price and cost information;
- Professional certification programs;
- Group buying and selling; and
- Inclusions or exclusion of other medical societies in organizational activities or offerings.

When these and related topics are discussed, the convener or members of the POSNA group should seek counsel from its General Counsel.

POSNA urges its Board, committees and other groups not to participate in discussions that may give the appearance of or constitute an agreement that would violate the antitrust laws. Notwithstanding this reliance, it is the responsibility of each POSNA Board or committee member to avoid raising improper subjects for discussion. This policy has been prepared to ensure that POSNA members and other participants in POSNA meetings are aware of this obligation.

The “Do Not’s” and “Do’s” presented below highlight only the most basic antitrust principles. POSNA members and others participating in POSNA meetings should consult with the General Counsel in all cases involving specific questions, interpretations or advice regarding antitrust matters.

Do Nots
1. Do not, in fact or appearance, discuss or exchange information regarding:
   a. Individual company prices, price changes, price differentials, mark-ups, discounts, allowances, credit terms, etc. or any other data that may bear on price, such as costs, production, capacity, inventories, sales, etc.
   b. Raising, lowering or “stabilizing” orthopaedic prices or fees;
   c. What constitutes a fair profit or margin level;
   d. The availability of products or services; or
e. The allocation of markets, territories or patients.

2. Do not suggest or imply that POSNA members should or should not deal with certain other persons or companies.

3. Do not foster unfair practices regarding advertising, standardization, certification or accreditation.

4. Do not discuss or exchange information regarding the above matters during social gatherings, incidental to POSNA-sponsored meetings.

5. Do not make oral or written statements on important issues on behalf of POSNA without appropriate authority to do so.

Do
1. Do adhere to prepared agenda for all POSNA meetings. It is generally permissible for agendas to include discussions of such varied topics as professional economic trends, advances and problems in relevant technology or research, various aspects of the science and art of management, and relationships with local, state or federal governments.

2. Do object whenever meeting summaries do not accurately reflect the matters that occurred.

3. Do consult with General Counsel on all antitrust questions relating to discussions at POSNA meetings.

4. Do object to and do not participate in any discussions or meeting activities that you believe violate the antitrust laws; dissociate yourself from any such discussions or activities and leave any meeting in which they continue.
Special Guidelines for Collecting and Distributing Information

The collection and distribution of information regarding business practices is a traditional function of associations and is well-recognized under the law as appropriate, legal and consistent with the antitrust laws. However, if conducted improperly, such information gathering and distributing activities might be viewed as facilitating an express or implied agreement among association members to adhere to the same business practices. For this reason, special general guidelines have developed over time regarding association’s reporting on information collected from and disseminated to members. Any exceptions to these general guidelines should be made only after discussion with General Counsel. These general guidelines include:

1. Member participation in a statistical reporting program is voluntary. A statistical reporting program should be conducted without coercion or penalty. Non-members should be allowed to participate in a statistical reporting program if eligible; however, if a fee is involved, non-members may be charged a reasonably higher fee than members.

2. Information should be collected via a written instrument that clearly sets forth what is being requested.

3. The data that is collected should be about past transactions or activities; particularly if the survey deals with prices and price terms (including charges, costs, wages, benefits, discounts, etc.), it should be historic, i.e., more than three months old.

4. The data should be collected by either POSNA or an independent third party not connected with any one member.

5. Data on individual orthopaedic surgeons should be kept confidential.

6. There should be a sufficient number of participants to prevent specific responses or data from being attributable to any one respondent. As a general rule, there should be at least five respondents reporting data upon which any statistic or item is based, and no individual’s data should represent more than 25% on a weighted average of that statistic or item.

7. Composite/aggregate data should be available to all participants – both members and non-members. The data may be categorized, e.g., geographically, and ranges and averages may be used. No member should be given access to the raw data. Disclosure of individual data could serve to promote uniformity and reduce competition.

8. As a general rule, there should be no discussion or agreement as to how members and non-members

should adjust, plan or carry out their practices based on the results of the survey. Each member should analyze the data and make business decisions independently.