### Scoliosis Research Society Course Program

**Current Concepts in Spinal Deformity (CCSD): From Childhood to Old Age**

**June 7-9, 2024**

**Prague, Czech Republic**

**Corinthia Prague**

---

**PRELIMINARY PROGRAM**

*Subject to Change*

**Friday, June 7, 2024**

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:30-18:00</td>
<td>Registration Open</td>
</tr>
<tr>
<td>13:00-19:30</td>
<td>Exhibit Hall Open</td>
</tr>
<tr>
<td>12:45-13:00</td>
<td><strong>Presidential Address, welcome</strong></td>
</tr>
<tr>
<td></td>
<td><em>Marinus de Kleuver, MD, PhD, SRS President</em></td>
</tr>
<tr>
<td>13:00-14:30</td>
<td><strong>Session 1: From Childhood to Old Age: Growth and Changes – Foundation of</strong></td>
</tr>
<tr>
<td></td>
<td>Knowledge</td>
</tr>
<tr>
<td></td>
<td>Moderator: Martin Repko, MD, PhD</td>
</tr>
<tr>
<td>13:00-13:10</td>
<td>From Childhood to Old Age: Growth and Changes</td>
</tr>
<tr>
<td></td>
<td><em>Meric Enercan, MD</em></td>
</tr>
<tr>
<td>13:10-13:20</td>
<td>Assessment of Maturation: When is the Real Change to Skeletal Maturity?</td>
</tr>
<tr>
<td></td>
<td><em>Emmanuelle Ferrero, MD, PhD</em></td>
</tr>
<tr>
<td>13:20-13:30</td>
<td>Pathophysiology and Biomechanics of the Aging Spine</td>
</tr>
<tr>
<td></td>
<td><em>Shahnawaz Haleem, MSc, EASD, FRCS(T&amp;O)</em></td>
</tr>
<tr>
<td></td>
<td><em>EUROSPINE-SRS Faculty</em></td>
</tr>
<tr>
<td></td>
<td><em>Kariman Abelin Genevois, MD, PhD</em></td>
</tr>
<tr>
<td>13:40-13:50</td>
<td>Alignment of the Spine, Sagittal Spinopelvic Parameters and</td>
</tr>
<tr>
<td></td>
<td>Compensatory Mechanisms</td>
</tr>
<tr>
<td></td>
<td><em>Ibrahim Obeid, MD, PhD</em></td>
</tr>
<tr>
<td></td>
<td><em>EUROSPINE-SRS Faculty</em></td>
</tr>
<tr>
<td>13:50-14:00</td>
<td>Discussion</td>
</tr>
<tr>
<td>14:00-14:30</td>
<td>Case Based Discussion</td>
</tr>
<tr>
<td></td>
<td><em>Cristina Sacramento Dominguez, MD, PhD</em></td>
</tr>
<tr>
<td>14:30-15:00</td>
<td>Break</td>
</tr>
<tr>
<td>15:00-16:20</td>
<td><strong>Session 2: Early Onset Deformity</strong></td>
</tr>
<tr>
<td></td>
<td>Moderators: Marinus de Kleuver, MD, PhD</td>
</tr>
</tbody>
</table>
15:00-15:10  Definition and Classification of EOD  
*Michal Latalski, MD, PhD*

15:10-15:20  Casting for EOS - Indications and Technique  
*Marinus de Kleuver, MD, PhD*

15:20-15:30  Congenital Deformities – Surgical Treatment and Indication  
*Pawel Grabala, MD, PhD*

15:30-15:50  Cross Fire Debate: Surgical Management of EOD  
*Distraction Techniques: Pawel Grabala, MD, PhD*  
*Growth Guidance Techniques: Martin Repko, MD, PhD*

15:50-16:00  Tethering Technique  
*Martin Repko, MD, PhD*

16:00-16:20  Discussion

16:30-17:30  Industry Workshop A  
Industry Workshop B

17:30-19:00  Welcome Reception  
*Exhibit Hall*

**Saturday, June 8, 2024**

7:00-17:00  Registration Open  
7:30-17:00  Exhibit Hall Open

8:00-10:00  **Session 3: AIS**  
Moderator: Kariman Abelin-Genevois, MD, PhD

8:00-8:10  Etiology and Natural History of AIS  
*Ibrahim Obeid, MD, PhD*  
*EUROSPINE-SRS Faculty*

8:10-8:20  Classification of AIS  
*Martin Repko, MD, PhD*

8:20-8:40  Cross Fire Debate:  
I Follow the Lenke Rules *Javier Pizones, MD, PhD*  
I am a Lenke Rule Breaker *Kariman Abelin Genevois, MD, PhD*

8:40-8:50  All about the Brace (Indications, Follow Up and Weaning Off)  
*Emmanuelle Ferrero, MD, PhD*

8:50-9:00  Indication and Preoperative Planning  
*Caglar Yilgor, MD*

9:00-9:15  Discussion

9:15-9:25  Correction Maneuvers (General Overview)  
*Michal Latalski, MD, PhD*
9:25-9:45 Cross Fire Debate:
  Derotation Helps Martin Repko, MD, PhD
  Derotation is Abundant Kariman Abelin Genevois, MD, PhD

9:45-10:05 Case Based Discussion
  Marinus de Kleuver, MD, PhD

10:05-10:30 Coffee Break

10:30-12:00 **Session 4: AIS**
  Moderator: Javier Pizones, MD, PhD
  10:30-10:50 Cross Fire Debate: Lenke-5 Curve
    I would do Selective ASF: Alpaslan Senkoylu, MD
    I would do Selective PSF: Benny T. Dahl, MD, PhD, DMSci
  10:50-11:00 Tips for Getting Balanced Shoulders in Selective Thoracic Fusion
    Marinus de Kleuver, MD, PhD
  11:00-11:10 Adding on in AIS: Long Term Results and Consequences
    Caglar Yilgor, MD
  11:10-11:20 Neuromonitoring: Signal Decrement - What to Do?
    Alpaslan Senkoylu, MD
  11:20-11:30 Preoperative Planning of Neglected (Adult) AIS Cases: Differences from Adolescent
    Javier Pizones, MD, PhD
  11:30-11:50 Case Based Discussion
    Benny T. Dahl, MD, PhD, DMSci
  11:50-12:10 Discussion

12:20-13:20 Lunch Break

12:20-13:20 Industry Workshop A
  Industry Workshop B

13:30-15:00 **Session 5: Neuromuscular**
  Moderator: Alpaslan Senkoylu, MD
  13:30-13:40 Etiology and Natural History
    Martin Repko, MD, PhD
  13:40-13:50 Technique of Halo Gravity Traction: Results and Complications
    Meric Enercan, MD
  13:50-14:00 Decision-making and Preoperative Planning in CP Cases
    Marinus de Kleuver, MD, PhD
  14:00-14:10 Specific Surgical Techniques for Neuromuscular Cases
Michal Latalski, MD, PhD

14:10-14:20  Prevention and Management of Complications after Surgery in NM Deformity  
Shahnawaz Haleem, MSc, EASD, FRCS(T&O)  
*EUROSPINE-SRS Faculty

14:20-14:30  Discussion

14:30-15:00  Case Based Discussion (Preoperative Planning in CP)  
Kariman Abelin Genevois, MD, PhD

15:00-15:25  Coffee Break

15:25-17:50  **Session 6: Adult Deformity**  
**Moderator:** Ferran Pellisé, MD, PhD

15:25-15:35  Natural History and Etiology of de novo Deformity  
*Benny T. Dahl, MD, PhD*

15:35-15:45  Assessing Risk for Deformity Surgery vs When to Go Palliative  
*Alpaslan Senkoylu, MD*

15:45-15:55  Pre-Operative Planning in ASD- Length of Fusion, Required Correction  
*Emmanuelle Ferrero, MD, PhD*

15:55-16:05  Limited Surgical Solutions in de novo Deformity  
*Ibrahim Obeid, MD, PhD*  
*EUROSPINE-SRS Faculty*

16:05-16:15  Practical Usage of Sagittal Parameters for Preoperative Planning  
*Emmanuelle Ferrero, MD, PhD*

16:15-16:25  Osteotomies and Their Indications in Adult Deformity  
*Ferran Pellisé, MD, PhD*

16:25-16:40  Discussion

16:40-17:00  Cross Fire Debate  
Anterior Possibilities – TLIF, XLIF, OLIF, ALIF – *Cristina Sacramento Dominguez, MD, PhD*  
All Posterior Osteotomies and Correction - *Ferran Pellisé, MD, PhD*

17:00-17:10  Revision Surgery for ASD: Pre-Operative Planning and Surgical Techniques  
*Ibrahim Obeid, MD, PhD*  
*EUROSPINE-SRS Faculty*

17:10-17:50  Case Based Discussion  
*Meric Enercan, MD*

**Sunday, June 9, 2024**
7:00-12:00  Registration Open
7:30-10:20  Exhibit Hall Open

8:00-9:30  **Session 7: Kyphosis**
Moderator: Benny T. Dahl, MD, PhD

8:00-8:10  Etiology, Natural History and Treatment Options for Scheuermann’s Kyphosis
            *Martin Repko, MD, PhD*

8:10-8:20  Determination of Fusion Levels in Scheuermann’s Kyphosis: How to Prevent Junctional Failures?
            *Ferran Pellisé, MD, PhD*

8:20-8:30  Discussion

8:30-8:40  Classification and Management of Spondylolisthesis
            *Shahnawaz Haleem, MSc, EASD, FRCS(T&O)*
            *EUROSPINE-SRS Faculty*

8:40-8:50  Simultaneous Presence of Spondylolisthesis and Scoliosis
            *Caglar Yilgor, MD*

8:50-9:00  Discussion

9:00-9:30  Case Based Discussion (Dysplastic Spondylolisthesis)
            *Pawel Grabala, MD, PhD*

9:30-10:00  Coffee Break

10:00-12:00  **Session 8: Acquired Deformities and Prevention of Complications**
Moderator: Ibrahim Obeid, MD, PhD

10:00-10:10  Iatrogenic Postoperative Coronal Malalignment: How to Avoid It?
            *Pawel Grabala, MD, PhD*

10:10-10:20  Post Traumatic Kyphosis- Combined vs Selective Posterior Approach
            *Javier Pizones, MD, PhD*

10:20-10:30  Check Lists for Preventing Complications in Deformity Surgery
            *Alpaslan Senkoylu, MD*

10:30-10:40  Preventing Complications in Adult Deformity Surgery
            *Ferran Pellisé, MD, PhD*

10:40-10:50  Prevention of Complications in Pediatric Deformity Surgery
            *Meric Enercan, MD*

10:50-11:00  Prevention and Management of Postoperative Infections
            *Shahnawaz Haleem, MSc, EASD, FRCS(T&O)*
            *EUROSPINE-SRS Faculty*

11:00-11:15  Discussion
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
</table>
| 11:15-11:35| Case Based Discussion (Postoperative Infections)  
*Ibrahim Obeid, MD, PhD  
*EUROSPINE-SRS Faculty |
| 11:35-12:00| Cases from Participants               |