

# Current Concepts in Spine Deformity

an SRS Course, in cooperation with  **EURO  
SPINE**



March 30–April 1, 2017  
PRAGUE, CZECH REPUBLIC

## Final Program

### COURSE CHAIRS

Martin Repko, MD, PhD

Alpaslan Senkoylu, MD

### STEERING COMMITTEE

Ahmet Alanay, MD

Haluk R. Berk, MD

Benny T. Dahl, MD, PhD, DMSci

Marinus De Kleuver, MD, PhD

Ferran Pellise Urquiza, MD, PhD

# Meeting Program

## THURSDAY, MARCH 30, 2017

- 11:30-18:00 Registration Open
- 13:00-19:30 Exhibit Hall Open
- 12:45-13:00 **Presidential Address**  
*Kenneth MC Cheung, MD, SRS President*
- 13:00-15:00 **Session 1: Foundation Knowledge**  
Moderator: Alpaslan Senkoylu, MD & Martin Repko, MD, PhD
- 13:00-13:20 Basic Spinal Biomechanics  
*Pierre Roussouly, MD*
- 13:20-13:40 Video Presentation: Basic Principles of Deformity Correction  
*Kenneth MC Cheung, MD*
- 13:40-13:50 Discussion
- 13:50-14:05 Assessment of Maturation  
*Luis Munhoz Da Rocha, MD*
- 14:05-14:20 Advanced Imaging Studies and their Indications  
*Kariman Abelin Genevois, MD, PhD*
- 14:20-14:30 Discussion
- 14:30-15:00 Case Based Discussion (Advanced Imaging)  
*Haluk R. Berk, MD*
- 15:00-15:30 Break
- 15:30-17:00 **Session 2: Early Onset Deformity**  
Moderator: Marinus De Kleuver, MD, PhD
- 15:30-15:45 Classification of EOD  
*Haluk R. Berk, MD*
- 15:45-16:00 Casting (Indications and Technique)  
*Marinus De Kleuver, MD, PhD*
- 16:00-16:10 Tethering Technique  
*Ahmet Alanay, MD*
- 16:10-16:20 Discussion
- 16:20-17:00 Debate: Surgical Management of EOD  
*Growth Guidance Techniques: Martin Repko, MD*  
*Distraction Techniques: Kenneth MC Cheung, MD*
- 17:00-18:00 Workshop - Zimmer Biomet - Rhine Room
- 18:00-19:30 Welcome Reception  
Exhibit Hall

# Meeting Program

## FRIDAY, MARCH 31, 2017

- 7:00-17:00 Registration Open
- 7:30-17:00 Exhibit Hall Open
- 8:00-10:00 **Session 3: AIS**  
Moderator: Kenneth MC Cheung, MD
- 8:00-8:15 Classification of AIS  
*Ibrahim Obeid, MD*
- 8:15-8:30 All about the Brace (Indications, Follow Up and Weaning Off)  
*Luis Munhoz Da Rocha, MD*
- 8:30-8:40 Discussion
- 8:40-8:55 Tips for Getting Balanced Shoulders in Selective Thoracic Fusion  
*Yong Qiu, MD*
- 8:55-9:10 Lenke Rule Breakers  
*Kariman Abelin Genevois, MD, PhD*
- 9:10-9:20 Discussion
- 9:20-10:00 Case Based Discussion (Shoulder Balance)  
*Marinus De Kleuver, MD, PhD*
- 10:00-10:20 Break
- 10:20-12:00 **Session 4: AIS**  
Moderator: Ahmet Alanay, MD
- 10:20-11:00 Debate: Lenke-5 Curve  
*I would do Selective ASF: Henry F.H. Halm, MD*  
*I would do Selective PSF: Yong Qiu, MD*
- 11:00-11:15 Adding on in AIS: Long Term Results and Consequences  
*Yong Qiu, MD*
- 11:15-11:30 Neuromonitoring: Signal Decrement- What to Do?  
*Alpaslan Senkoylu, MD*
- 11:30-11:50 Preoperative Planning of Neglected (Adult) AIS Cases: Differences from Adolescent  
*Ahmet Alanay, MD*
- 11:50-12:00 Discussion
- 12:00-13:15 Lunch Break
- 12:10-13:10 Workshop - DePuy Synthes - Seven Room  
Workshop - K2M - Rhine Room
- 13:10-15:00 **Session 5: Neuromuscular**  
Moderator: Henry F.H. Halm, MD
- 13:10-13:25 Etiology and Natural History  
*Martin Repko, MD, PhD*
- 13:25-13:35 Limits of Brace Treatment  
*Luis Munhoz Da Rocha, MD*
- 13:35-13:45 Discussion
- 13:45-14:00 Decision-making and Preoperative Planning in CP Cases  
*Kariman Abelin Genevois, MD, PhD*
- 14:00-14:10 Specific Surgical Techniques for Neuromuscular Cases  
*Luis Munhoz da Rocha, MD*
- 14:10-14:25 Prevention and Management of Complications after Surgery in NM Deformity  
*Alpaslan Senkoylu, MD*
- 14:25-15:00 Case Based Discussion (Preoperative Planning in CP)  
*Kariman Abelin Genevois, MD, PhD*
- 15:00-15:20 Break

# Meeting Program

## FRIDAY, MARCH 31, 2017, *continued*

- 15:20-17:15     **Session 6: Adult Deformity**  
Moderator: Todd J. Albert, MD
- 15:20-15:35     Natural History and Etiology of de novo Deformity  
*Henry F.H. Halm, MD*
- 15:35-15:50     Limited Surgical Solutions in de novo Deformity  
*Ibrahim Obeid, MD*
- 15:50-16:00     Discussion
- 16:00-16:15     Practical Usage of Sagittal Parameters for Preoperative Planning  
*Pierre Roussouly, MD*
- 16:15-16:30     Osteotomies and Their Indications in Adult Deformity  
*Ferran Pellisé, MD, PhD*
- 16:30-16:45     Principles and Treatment of Cervical Deformity  
*Todd J. Albert, MD*
- 16:45-17:15     Case Based Discussion  
*Ahmet Alanay, MD*

## SATURDAY, APRIL 1, 2017

- 7:00-12:00     Registration Open
- 7:30-10:20     Exhibit Hall Open
- 8:00-10:00     **Session 7: Kyphosis**  
Moderator: Pierre Roussouly, MD
- 8:00-8:15        Etiology, Natural History and Treatment Options for Scheuermann's Kyphosis  
*Henry F.H. Halm, MD*
- 8:15-8:30        Determination of Fusion Levels in Scheuermann's Kyphosis: How to Prevent Junctional Failures?  
*Ferran Pellisé, MD, PhD*
- 8:30-8:40        Discussion
- 8:40-8:55        Classification and Management of Spondylolisthesis  
*Pierre Roussouly, MD*
- 8:55-9:10        Simultaneous Presence of Spondylolisthesis and Scoliosis  
*Yong Qiu, MD*
- 9:10-9:20        Discussion
- 9:20-10:00       Case Based Discussion (Dysplastic Spondylolisthesis)  
*Kenneth MC Cheung, MD*
- 10:00-10:20     Break
- 10:20-12:00     **Session 8: Prevention of Complications**  
Moderator: Haluk R. Berk, MD
- 10:20-10:30     Check Lists for Preventing Complications in Deformity Surgery  
*Todd J. Albert, MD*
- 10:30-10:45     Preventing Complications in Adult Deformity Surgery  
*Ferran Pellisé, MD, PhD*
- 10:45-11:00     Prevention of Complications in Pediatric Deformity Surgery  
*Henry F.H. Halm, MD*
- 11:00-11:10     Discussion
- 11:10-11:25     Prevention and Management of Postoperative Infections  
*Haluk R. Berk, MD*
- 11:25-12:00     Case Based Discussion (Postoperative Infections)  
*Todd J. Albert, MD*