



**EURO
SPINE** BARCELONA
2015

EUROSPINE – SRS Joint 2015 Spring Speciality Meeting



Scientific Programme

THURSDAY, April 23, 2015

08:00 – 12:15 Early Onset Idiopathic Scoliosis (EOIS)

Chair: Ahmet Alanay, TK

Session 1 Surgical Treatment of EOIS

08:00 IS SERIAL CASTING A VIABLE OPTION FOR EOIS?

Marinus de Kleuver

VU University Medical Center, Amsterdam, The Netherlands

08:10 EARLY VS. LATE SURGERY? WHAT IS THE BEST TIMING?

Francisco S Perez-Gruoso

Orthopedic Department, Hospital La Paz, Madrid, Spain

08:20 SELECTION OF LEVEL AND TYPE OF UPPER AND LOWER ANCHORS FOR
DISTRACTION BASED GROWTH FRIENDLY IMPLANTS

Muharrem Yazici

Hacettepe University, Ankara, Turkey

08:30 MANAGEMENT OF SEVERE CURVES (>100 DEGREES) BY GROWTH FRIENDLY
TECHNIQUES

Yong Qiu

Drum Tower Hospital, Nanjing University, China

08:40 DISCUSSION

08:55 **Panel:**

- Magnetically controlled growing rods (MCGR)

Ahmet Alanay

Acibadem University School of Medicine, Istanbul, Turkey

- Growth guidance and growth modulation

Muharrem Yazici

Hacettepe University, Ankara, Turkey

- Discussion

09:25 **3x Case discussion (surgical techniques)**

10:10-10:40 BREAK

Session 2 Master techniques & Outcomes & Complications

- 10:40 ANTERIOR VERTEBRAL BODY TETHERING: INDICATIONS AND EARLY RESULTS
Ahmet Alanay
Acibadem University School of Medicine, Istanbul, Turkey
- 10:50 HOW CAN WE EVALUTAE THE PULMONARY AND HEALTH QUALITY OF LIFE METRICS IN EOIS
Martin Repko
Department of Orthopaedic Surgery, Faculty Hospital Brno
- 11:00 GROWING ROD GRADUATION: TIMING AND METHODS
John Dormans
University of Pennsylvania School of Medicine, Children's Hospital of Philadelphia, USA
- 11:10 OUTCOME OF GROWING ROD TREATMENTS: COST-BENEFIT RATIO
Francisco S Perez-Grueso
Orthopedic Department, Hospital La Paz, Madrid, Spain
- 11:20 DISCUSSION
- 11:35 **3x Case discussion (learning from our complications)**

12:15-14:10 LUNCH BREAK

14:10 – 18:30	Adolescent idiopathic scoliosis (AIS) session Chair: Marinus de Kleuver, NL
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- 14:00 AIS - LENKE CLASSIFICATION AS A GUIDE TO TREATMENT
Marinus de Kleuver
VU University Medical Center, Amsterdam, The Netherlands
- 14:13 AIS - BRACE TREATMENT / OTHER NON OPERATIVE THERAPIES
Manuel Rigo
Institut Elena Salvá, Barcelona, Spain
- 14:26 AIS – SURGERY WORK-UP AND SAFETY
John Dormans
University of Pennsylvania School of Medicine, Children's Hospital of Philadelphia, USA
- 14:40 DISCUSSION
- 14:55 **Debate: AIS – Thoracic (Lenke 1C) Curve: Full Coronal Correction / Implant Density**
- Full Correction is not desirable: *Marinus de Kleuver*
- Full Correction is desirable: *Ahmet Alanay*
- 15:25 **3x Case discussion**
- Lenke 1C: fuse lumbar?
- Proximal thoracic curve: Is it a Lenke 1 or Lenke 2 curve?
- AIS surgery with intra-operative neurological deficit, *Helton Defino*
- 16:20-16:50 BREAK**
- 16:50 SURGICAL TREATMENT OF LENKE 5 CURVES
Baron Lonner
Mount Sinai Beth Israel Medical Center, New York, USA
- 16:55 AIS LARGE STIFF CURVES
• Role of Osteotomies
• Anterior Release
• Other Techniques
Helton Defino
University of São Paulo, Ribeirão Preto-Brazil
- 17:10 AIS: SAGITAL PROFILE
• Can we restore it?
• Do we want to?
Steven Glassman
University of Louisville School of Medicine, USA
- 17:25 CHOICE OF IMPLANTS – HOW STIFF / WHICH METAL / HOW MUCH METAL?
• Implants including Wires / Tapes etc
• Rod Biomechanics
• Wear Debris and Biologics
• Stainless Steel / Cobalt Chrome
David Clements
Cooper Bone & Joint Institute, Camden / NJ, USA
- 17:40 DISCUSSION
- 17:55 **Case discussion**
- 18:30 End of the scientific sessions

08:00 – 12:15 Adult Idiopathic Scoliosis (AdIS)
Chair: Ferran Pellisé, ES / Haluk Berk, TK

Session 1 Surgical Treatment of ASD

- 08:00 ADULT IDIOPATHIC SCOLIOSIS OR ADOLESCENT IDIOPATHIC SCOLIOSIS AT ADULT AGES? SAME DISEASE OR DIFFERENT ENTITY?
Muharrem Yazici
Hacettepe University, Ankara, Turkey
- 08:10 PLANNING AND EXECUTING SAGITTAL PLANE DEFORMITY CORRECTION IN ADULT IDIOPATHIC SCOLIOSIS. PITFALLS TO ENSURE ADEQUATE CORRECTION.
Ibrahim Obeid
University Hospital and Orthopole-Jean Villar Private Clinic, Bordeaux, France
- 08:20 IN THE YEAR OF 2015 IS THERE STILL A PLACE/ROLE FOR ANTERIOR SURGERY IN ADULT IDIOPATHIC SCOLIOSIS
Ferran Pellisé
Hospital Vall d'Hebron, Hospital Quirón, Barcelona, Spain
- 08:30 ADULT REVISION SURGERY OF AIS TREATED SURGICALLY DURING ADOLESCENCE
Yong Qiu
Drum Tower Hospital, Nanjing University, China
- 08:40 DISCUSSION
- 08:55 **Debate: SRS Schwab classification**
- Good Enough: *Benny Dahl*
- Insufficient: *Ibrahim Obeid*
- 09:25 **3x Case discussion**
- UIV discussion
- LIV discussion
- VCR case discussion

10:10-10:40 BREAK

Session 2 Outcomes

- 10:40 OUTCOMES OF NON-SURGICAL TREATMENT
Manuel Rigo
Institut Elena Salvá, Barcelona, Spain
- 10:50 POSTOPERATIVE CORONAL IMBALANCE: RISK FACTORS AND CLINICAL IMPACT
Francisco S Perez-Grueso
Orthopedic Department, Hospital La Paz, Madrid, Spain
- 11:00 OUTCOMES OF THREE COLUMN POSTERIOR OSTEOTOMIES
Ferran Pellisé
Hospital Vall d'Hebron, Hospital Quirón, Barcelona, Spain
- 11:10 IS ADULT IDIOPATHIC SCOLIOSIS SURGERY COST-EFFECTIVE?
Baron Lonner
Mount Sinai Beth Israel Medical Center, New York, USA
- 11:20 DISCUSSION

11:35

3x Case discussion

- Intra-operative neurological complication
- Pseudoarthrosis
- Coronal imbalance

12:15-14:10

LUNCH BREAK

Session 1 Surgical Treatment of Degenerative, De novo Adult Scoliosis

- 14:10 WHEN IS DECOMPRESSION OR DECOMPRESSION AND LIMITED FUSION APPROPRIATE
Haluk Berk
Dokuz Eylul University, School of Medicine, Izmir, Turkey
- 14:20 INDICATIONS FOR 3-COLUMN OSTEOTOMIES (SPO, PVCR) IN THE ELDERLY
Helton Defino
University of São Paulo, Ribeirão Preto-Brazil
- 14:30 THE ROLE OF ALIF IN ADULT DEGENERATIVE SCOLIOSIS
Steven Glassman
University of Louisville School of Medicine, USA
- 14:40 SAGITTAL ALIGNMENT IN THE ELDERLY . SHOULD WE ADJUST SAGITTAL ALIGNMENT GOALS BY AGE?
Daisuke Togawa
Hamamatsu University School of Medicine, Shizuoka, Japan
- 14:50 DISCUSSION
- 15:05 **Debate: Surgical strategies in osteoporotic degenerative, de novo Adult Scoliosis**
- The use of cement (PMMA) is not needed: *Helton Defino*
- The use of cement (PMMA) improves surgical outcomes: *Ferran Pellisé*
- 15:35 **3x Case discussion**
- Decompression alone vs decompression+fusion
- Alif correction case
- Adult Neuromuscular (Parkinson) case

16:20-16:50 BREAK

Session 2 Outcomes and complications

- 16:50 PJK & PJF. PREVENTION AND TREATMENT
Frank Kleinstueck
Spine Unit, Schulthess Clinic, Zurich, Switzerland
- 16:55 HOW TO AVOID MEDICAL COMPLICATIONS
Benny Dahl
Rigshospitalet and University of Copenhagen, Denmark
- 17:05 LIMITS OF SURGICAL TREATMENT. WHEN SHOULD WE SAY “NO”?
Steven Glassman
University of Louisville School of Medicine, USA
- 17:20 DISCUSSION
- 17:35 **3x Case discussion**
- PJK
- PJF
- Medical complication
- 18:30 End of the scientific sessions

SATURDAY, April 25, 2015

08:00 – 12:30 Other Idiopathic Sagittal Deformities

Session 1 Scheuermann Kyphosis

- 08:00 SCHEUERMANN KYPHOSIS: A PAINFUL SYNDROME OR A TRUNK DEFORMITY OR BOTH?
Steven Mardjetko
Illinois Bone and Joint Institute, Ltd, Illinois, USA
- 08:10 OVERVIEW OF SURGICAL TREATMENT OVER THE LAST 20 YEARS. WHERE DO WE STAND NOW?
Haluk Berk
Dokuz Eylul University, School of Medicine, Izmir, Turkey
- 08:20 THE JUNCTIONAL PROBLEM. HOW TO AVOID PJK AND DJK
Ahmet Alanay
Acibadem University School of Medicine, Istanbul, Turkey
- 08:30 ATYPICAL (TL & L) SCHEUERMANN
David Clements
Cooper Bone & Joint Institute, Camden / NJ, USA
- 08:40 DISCUSSION
- 08:55 **Debate:**
Is there still a place for anterior releases in Scheuermann kyphosis?
- YES: *Barron Lonner*
- NO: *Yong Qiu*
- 09:25 **3x Case discussion**

10:10-10:40 **BREAK**

Session 2 High Grade Spòndylolisthesis

- 10:40 EBM FOR SURGICAL MANAGEMENT OF HIGH GRADE SPONDYLOLISTHESIS
Haluk Berk
Dokuz Eylul University, School of Medicine, Izmir, Turkey
- 10:53 THE NEED FOR REDUCTION IN HIGH GRADE SPONDYLOLISTHESIS
Ferran Pellisé
Hospital Vall d'Hebron, Hospital Quirón, Barcelona, Spain
- 11:06 THE MANAGEMENT OF SPONDYLOLISTHESIS AND COEXISTENT (IDIOPATHIC) SCOLIOSIS
David Clements
Cooper Bone & Joint Institute, Camden / NJ, USA
- 11:20 DISCUSSION
- 11:35 **3x Case discussion**
- 12:30 End of the scientific programme