



K2M Meeting of Minds™ Advanced Spinal Deformity Symposium & Product Training

March 29-30, 2019

Hotel Arts Barcelona - Marina 19-21, Barcelona, Spain

Course Directors: Oheneba Boachie-Adjei, MD, Rene Castelein, MD, PhD, Thomas Errico, MD, Martin Gehrchen, MD, PhD, John Kostuik, MD & Kan Min, MD

Friday, 29 March 2019

7:00 Breakfast
 7:45 Welcome & Introductions John Kostuik, MD

SESSION I – The Adult Patient

Moderator:

Martin, Gehrchen, MD, PhD

8:00	Spinopelvic Parameters: Recent Literature Update	Thomas Errico, MD
8:10	Evaluating Adult Deformity: What is Most Important Pre and Post Op?	Robert Lee, BSc, FRCS
8:20	Classification of Coronal Imbalance in Adult Scoliosis: A Treatment Oriented Guideline	Claudio Lamartina, MD
8:30	Q & A	
8:45	Sagittal Plane Correction Techniques: Osteotomies versus Interbodies	
8:55	Fusion to the Pelvis: Tips and Pearls	John Kostuik, MD
9:05	Q & A	
9:20	Coffee Break	
9:40	Minimally Invasive Techniques for Treating Degenerative Scoliosis	Robert Lee, BSc, FRCS
9:50	ALIF for Sagittal Correction	Marco Brayda-Bruno, MD
10:00	Case Discussion and Debate: Presenter:	1 – Alex Vaccaro, MD
	Open is the Best Surgical Approach	2 – Thomas Errico, MD
	MIS is the Best Surgical Approach	3 – Claudio Lamartina, MD
10:20	Q & A	
10:40	Next Generation Interbody Devices. Where are we going?	Alex Vaccaro, MD
10:50	Strategies to Avoid Complications of Adult Deformity Surgery	Thomas Errico, MD
11:00	Revision in Adult Deformity Surgery: Techniques and Complications	Oheneba Boachie-Adjei, MD
11:10	What Outcomes Matter in the Adult Deformity Patient?	Claudio Lamartina, MD



11:20	Case Discussion and Debate: Failed Adult Deformity Correction	Presenter: Panel:	Martin Gehrchen, MD, PhD 1 – Oheneba Boachie-Adjei, MD 2 – Marco Brayda-Bruno, MD 3 –
11:40	Q & A		
12:00	Hands on Training Workshops		
	Station 1: MESA Technology for Adult Deformity Correction Station 2: Interbodies for Sagittal Correction Station 3: Pelvic Fixation Techniques Station 4: EVEREST System for Adult Deformity Correction Station 5: MIS Degenerative Correction via Lateral Approach Station 6: Posterior Cervical Correction Techniques featuring YUKON Station 7: BACS – Surgical Planner and Patient-Specific Rods Station 8: Stryker Innovations		Rene Castelein, MD, PhD John Kostuik, MD Thomas Errico, MD Robert Lee, BSc, FRCS
12:30	Lunch		
SESSION II – The Adolescent Patient			
	Moderator:		Thomas Errico, MD
1:15	3D Evaluation of the AIS Patient		Rene Castelein, MD, PhD
1:25	Sagittal Plane Issues in AIS		Martin Repko, MD
1:35	Case Discussion and Debate: Fusion Level Selection in AIS	Presenter: Panel:	Harry Shufflebarger, MD 1 – Laurel Blakemore, MD 2 – Martin Repko, MD 3 –
1:55	Differential Rod Bending in AIS for 3D Correction		Martin Gehrchen, MD, PhD
2:10	Q & A		
2:20	Minimizing Complications in AIS Surgery		Ilkka Helenius, MD
2:30	Treatment of Severe, Rigid Coronal Plane Pediatric Deformities		Oheneba Boachie-Adjei, MD
2:40	PSO and VCR – Tips and Pearls		Seil Suk, MD
2:55	Lessons Learned: My Most Challenging AIS Case		Harry Shufflebarger, MD
3:10	Q & A		
3:30	Coffee Break		
3:50	Curve Correction in AIS Using a Beam-Like Rod – Clinical & Radiographic Update		Martin Gehrchen, MD, PhD
4:05	Surgical Treatment of Scheuermann’s Kyphosis		Harry Shufflebarger, MD
4:20	Creating kyphosis in AIS: Is it important? If so, how much?		Laurel Blakemore, MD
4:35	Q & A		
4:50	Case Discussion and Debate:		



Adolescent Lumbar Spondylolysis
Spinal Fusion is the Best Surgical Treatment
Pars Repair is the Best Surgical Treatment

Presenter: Rene Castelein, MD, PhD
Panel: 1 – Norberto Ventura, MD
2 –

5:10

Q & A

5:30

Hands on Training Workshops

Station 1: Double Major Curve Correction: Isolating the Curves

Laurel Blakemore, MD

Station 2: Adolescent Deformity Correction using MESA Small Stature

Station 3: Kyphosis Correction Technique

Harry Shufflebarger, MD

Station 4: Adolescent Deformity Correction using EVEREST

Thomas Errico, MD

Station 5: Use of Band Technology in Deformity Correction

Marco Brayda-Bruno, MD

Station 6: Posterior Cervical Correction Techniques featuring YUKON

Station 7: BACS – Surgical Planner and Patient-Specific Rods

Robert Lee, BSc, FRCS

Station 8: Stryker Innovations

6:00

Adjourn

7:00

Cocktail Reception

7:40

KEYNOTE: Seil Suk, MD

8:00

Dinner



Saturday, 30 March 2019

7:00 Breakfast

SESSION III – The Pediatric Patient

Moderator:

8:00 Debate – Growing Rods: Spring vs Magnetic Discussion with Q&A
 8:30 Decision Making in Pediatric Patients
 8:40 Sagittal Plane Considerations in NM Patients
 8:50 My most challenging case: Presentation and Discussion
 9:05 Q & A
 9:20 Coffee Break

Oheneba Boachie-Adjei, MD

Presenter: 1 – Rene Castelein, MD, PhD (spring)
 2 – Laurel Blakemore, MD (magnetic)
 Norberto Ventura, MD
 Martin Repko, MD
 Michael Ruf, MD

SESSION IV – Cervical Evaluation & Fusion

Moderator:

9:40 Advances in Understanding of Cervical Sagittal Alignment
 9:50 Decision Making on Approaches to Cervical Deformity
 10:00 Indications and Feasibility of Enbloc Resection in the Cervical Spine
 10:10 Tips, Pearls, and Complication Avoidance in Cervical Deformity
 10:20 Q & A

Kan Min, MD

Kyung-Soo Suk, MD
 Michael Ruf, MD
 Stefano Boriani, MD
 Alex Vaccaro, MD

SESSION V – Complex Spine

Moderator:

10:40 Use of Sublaminar Bands in Spinal Deformity
 10:50 PJK: What Causes it and What Can We Do?
 11:00 Complication Avoidance in Spine Tumor Surgery
 11:10 Q & A
 11:25 Minimally Invasive Anterior Approach for Complex Spine
 11:35 Use of Navigation in Spinal Deformity Surgery
 11:45 Q & A
 12:00 **Hands on Training Workshops**

Rene Castelein, MD

Marco Brayda-Bruno, MD
 Stefano Boriani, MD
 Kan Min, MD
 Robert Lee, BSc, FRCS

Station 1: Cantilever Corrections for Sagittal Plane Deformity
 Station 2: Minimally Invasive Anterior Approach with KEYS™
 Station 3: Spine Stabilization Post-Corpectomy

Kan Min, MD



Station 4: MIS Reduction Techniques

Station 5: MIS Degenerative Correction via Lateral Approach

Station 6: Posterior Cervical Correction Techniques featuring YUKON Michael Ruf, MD

Station 7: BACS – Surgical Planner and Patient-Specific Rods Robert Lee, BSc, FRCS

Station 8: Stryker Innovations

12:30

Adjourn