**PROGRAM**

***CHAIRMEN:***

Anthony Rinella, MD,

International Chair

Enrique Mendez, MD,

Local Co-Chair

Roberto Chapa Sosa, MD,

Local Co-Chair

***International Faculty:***

Shay Bess, MD

John Kostuik, MD

Lawrence Lenke, MD

Edward Nomoto, MD

Anthony Rinella, MD

Krzysztof Siemionow, MD

William Stevens, MD

Michael Vitale, MD

***Local Faculty:***

Alfredo Cardoso Monterrubio, MD

Roberto Chapa Sosa, MD

Enrique Mendez, MD

 7:00 am Registration and Breakfast

7:45 Introduction and Welcome R. Chapa Sosa

7:50 Introduction to Global Spine Outreach A. Rinella

 **Session 1: Early Onset and Adolescent Idiopathic Scoliosis**

*Mod: S. Bess*

8:05 Pediatric Deformity – Evaluation and Non-operative

 Management E. Mendez

8:15 Surgical Strategies and Techniques for Treating

 Early Onset Scoliosis: An Update M. Vitale

8:35 Discussion

 8:45 Classification of Adolescent Idiopathic Scoliosis L. Lenke

9:05 Perioperative Halo-Gravity Traction for Severe

 Scoliosis A. Rinella

9:20 Discussion

**Pediatric Spinal Deformity – Case Presentations**

*Mod: R. Chapa Sosa*

*Panel: Drs. Cardoso, Lenke, Mendez Rinella, Vitale*

9:30 Case #1: Typical Pediatric Deformity E. Mendez

9:35 Panel Discussion

9:47 How the Case Was Treated E. Mendez

9:50 Case #2: Complex Pediatric Deformity E. Nomoto

9:55 Panel Discussion of Case

10:07 How the Case Was Treated E. Nomoto

**10:10 am Refreshment Break**

 **Session 2: Adult Spinal Deformity**

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*Mod: J. Kostuik*

10:30 Who Benefits from Surgery? Quality-of-Life Metrics

 and Profiling Patients for Surgery S. Bess

10:40 Discussion

10:45 Sagittal Plane Parameters: What is Normal? K. Siemionow

10:57 Choosing Fusion Levels in Adult Scoliosis R. Chapa Sosa

11:09 Discussion

11:19 Basic Osteotomies to Restore Sagittal Balance W. Stevens

11:29 Advanced 3-Column Osteotomies L. Lenke

11:49 Discussion

**Adult Spinal Deformity – Case Presentations**

*Mod: R. Chapa Sosa*

*Panel: Drs. Bess, Kostuik, Lenke, Siemionow, Stevens*

12:00 pm Case #1: Typical Adult Deformity R. Chapa Sosa

12:05 Panel Discussion

12:17 How the Case Was Treated R. Chapa Sosa

12:20 Case #2: Complex Adult Deformity K. Siemionow

12:25 Panel Discussion

12:37 How the Case Was Treated K. Siemionow

**12:40 pm Lunch**

**Session 3: Safety in Spine Surgery**

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*Mod: A. Rinella*

1:25 Ethics in Spine Surgery: Avoiding Pitfalls A. Cardoso

1:40 Landing Safely Every Time: Lessons Learned from

 Aviation M. Vitale

1:55 Discussion

 2:05 In Our Practices, How Can We Use the Adult Surgery

Complexity Index (ASDCI) to Predict Post-op

Complications? S. Bess

2:15 Neuromonitoring: Algorithm for Monitoring Changes L. Lenke

2:30 Discussion

  **Session 4: Key Note Address**

*Mod: L. Lenke*

2:40 Introduction of Keynote Speaker L. Lenke

2:45 Keynote Address J. Kostuik

3:05 Discussion

**Session 5: Surgical Techniques**

*Mod: A. Rinella*

3:15 Free-Hand Pedicle Screw Technique: Approaches to

 Small Pedicles E. Nomoto

3:25 Early Onset Techniques M. Vitale

3:40 Discussion

3:50 Vertebral Column Resection L. Lenke

4:05 Discussion

**Session 6: Case Presentations**

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Roberto Chapa Sosa, MD

Enrique Mendez, MD

*Mod: J. Kostuik*

*Panel: Drs. Chapa Sosa, Lenke, Rinella, Siemionow, Stevens*

4:15 Case # 1: Pediatric Scoliosis - Complication

 Management A. Cardoso

4:20 Panel Discussion

4:32 How the Case Was Treated A. Cardoso

4:35 Case #2: Adult Scoliosis - Complication

 Management S. Bess

4:40 Panel Discussion

4:52 How the Case Was Treated S. Bess

4:55 Closing Comments A. Rinella

5:00 Adjourn

**5:00 – 6:00 Cocktail Reception**