

## MEETING OBJECTIVES

To discuss current techniques and challenges in spine surgery

To provide training and education for existing Innovasis spine systems and to introduce products in development

## CHAIRMAN

### **Alan Moskowitz, MD**

*Kansas Orthopedic Center  
Wichita, Kansas*

## FACULTY

### **Sigurd Berven, MD**

*UCSF Medical Center  
San Francisco, California*

### **William Bradley, MD**

*Texas Back Institute  
Denton, Texas*

### **Mohammed Diab, MD**

*UCSF Benioff Children's Hospital  
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### **Michael Scott Hisey, MD**

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### **Rick Hostin, MD**

*Southwest Scoliosis Institute  
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### **Michael LaGrone, MD**

*Amarillo Orthopaedic Specialists  
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### **William Lavelle, MD**

*Upstate Medical University  
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### **Kevin McCarthy, MD**

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### **James Schwender, MD**

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### **Stephen Tolhurst, MD**

*Texas Back Institute  
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### **Paul Justin Tortolani, MD**

*Towson Orthopaedic Associates  
Towson, Maryland*

### **Clifford Tribus, MD**

*UW Health Orthopedics  
Madison, Wisconsin*

### **Eric Wieser, MD**

*Arlington Orthopedic Associates  
Arlington, Texas*

### **Kevin Yoo, MD**

*Scripps Health  
San Diego, California*

# INNOV<sup>ASIS</sup>

INNOVATE / INVOLVE / INVENT

## SPINE SYMPOSIUM SPINE CARE FROM CHILDHOOD TO OLD AGE

FEBRUARY 3 - 4, 2017  
MONTAGE HOTEL AND RESORT  
DEER VALLEY, UTAH



## ► AGENDA *Friday - FEBRUARY 3, 2016*

### **7:00 - 10:00 AM** - Moderator: *Dr. Michael LaGrone* Deformity

- 7:00-7:08** Challenges in the treatment of deformities in the growing child  
Fusionless surgery  
Growing rod vs. tethering  
- *Mohammed Diab*
- 7:08-7:16** How to get better intra-operative correction in AIS  
Ponte and other osteotomies  
Reduction techniques  
- *Jaren Riley*
- 7:16-7:24** Transition from adolescent to adult deformity  
What is the natural history of adolescent deformity into adulthood  
When to operate on the adolescent - when to wait until adulthood  
Examples of 1A and 3C curves  
- *Sigurd Berven*
- 7:24-8:00** Case presentations
- 8:00-8:08** Treatment of adult AIS  
- *William LaVelle*
- 8:08-8:16** Spine surgery in the elderly - when to operate, or not  
- *Rick Hostin*
- 8:16-8:30** Correction of adult degenerative scoliosis - case presentations  
All MIS - *Rick Frisch*  
Combined - *Alan Moskowitz*  
All open - *Michael LaGrone*
- 8:30-9:00** Questions and case presentations  
- *Faculty and Attendees*

### Spinal Balance

- 9:00-9:08** What is it? How do you measure it?  
- *Sigurd Berven*
- 9:08-9:16** Relevance to pediatric surgeons  
- *Mohammed Diab*
- 9:16-9:24** Relevance to adult deformity  
- *Clifford Tribus*
- 9:24-9:32** Relevance to adult degenerative cases  
- *Kevin McCarthy*
- 9:32-10:00** Questions, case presentations and discussion questions  
- *William LaVelle*
- Case presentations  
Lenke 5 - anterior or posterior - adolescent, adult, degenerative  
Lenke 1A vs. 3C  
Choosing distal end vertebra
- Discussion questions  
Ponte osteotomies - Is it overrated in AIS surgery? Should it be routine practice in AIS surgery? How much correction is necessary?  
Selective thoracic fusion for AIS - does it always work?  
Is there a place for anterior release for severe curves?  
Salvage of failure of growing systems

## ► Thank you for attending



THORACOLUMBAR

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