

MEETING OBJECTIVES

- To discuss current techniques and challenges in spine surgery
- To provide training and education for existing Innovasis spine systems and introduce products in development

CO-CHAIRMEN

James Schwender, MD
Twin Cities Spine Center
Minneapolis, Minnesota

Sigurd Berven, MD
UCSF Medical Center
San Francisco, California

FACULTY

Khoi Than, MD

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Neurological Surgery
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Salt Lake City, Utah

Jason C. Tinley, MD

DFW Center for Spinal Disorders
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Paul Justin Tortolani, MD

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Chambliss Harrod, MD

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Seyed Babak Kalantar, MD

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Jonathan R. Stieber, MD

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William Lavelle, MD

Upstate Bone and Joint Center
Syracuse, NY

Fred Mo, MD

Georgetown University Hospital
Washington, DC

Justin Hohl, MD

Intermountain Spine Institute
Salt Lake City, UT

INNOV^{ASIS}

INNOVATE / INVOLVE / INVENT

➤ SPINE SYMPOSIUM

AN EVIDENCE-BASED APPROACH TO THE
MANAGEMENT OF SPINAL DISORDERS

➤ **February 22 - 23, 2019**
MONTAGE HOTEL AND RESORT
DEER VALLEY, UTAH



AGENDA

FRIDAY - FEB. 22RD

7:00 - 10:00 AM

Patient Safety and Quality of Care Moderator: Dr. Sigurd Berven

7:00-7:05 AM
Mike English

Introduction

7:05-7:30 AM
Dr. Sigurd Berven

Current pre-operative optimization, intra-operative standardization strategies

7:30-7:45 AM
Dr. Justin Hohl

Post-operative Accountability: Innovasis Registry: HA Peek & Why

7:45-8:30 AM
Moderator:
Dr. Sigurd Berven

Group Discussion/Case Presentation
Panel: Dr's Schwender, LaGrone, and Hohl

Anterior and Lateral Approaches to the Spine Moderator: Dr. Chambliss Harrod

8:30-8:45 AM
Dr. Jeffery Deckey

Indications for Anterior Column Surgery

8:45-9:00 AM
Dr. Chambliss Harrod

Patient selection, radiographic considerations and indications lateral surgery: including tests & treatment

9:00-9:15 AM
Dr. Stephen Tolhurst

Design Rationale & Advantages:
Lateral Access 2 blade

9:15-10:00 AM
Moderator:
Dr. Jeffery Deckey

Case Presentations/Discussion
Panel: Dr's Tolhurst, Harrod, Fischer, Kalantar



Spine Symposium

Notes

4:00 - 7:00 PM

INNOVATIVE TECHNOLOGIES Moderator: Dr. James Schwender

4:00-4:15 PM

Dr. William Lavelle

Innovative Technologies: Measuring the Value

4:15-4:30 PM

Dr. Todd Shanks

Novel Surface Technologies for Interbody Implants: HA Peek; Nano Porosity; 3D Printing

4:30-4:45 PM

Dr. James Schwender

Expandable Technologies

4:45-5:00 PM

Dr. Fred Mo

Innovations of Added Value - Perspective on the most value-adding technologies of the past 20 years

5:00-5:30 PM

Dr. James Schwender

Case Presentations
Panel: Dr's Shanks, Tinley, Stieber, Lavelle

Spinal Deformity Moderator: Dr. Michael LaGrone

5:30-5:45PM

Dr. Michael LaGrone

Principles of Adult Spine Deformity: Indications & Goals of Surgery

5:45-6:00 PM

Dr. Jaren Riley

Principles of Pediatric/Adolescent: Indications & Goals of Surgery

6:00-6:15 PM

Dr. Justin Tortolani

Planning for Optimal Outcomes: The Role of Coronal & Sagittal Alignment

6:15-6:30 PM

Dr. Mathew Hollenbeck

When to Operate on a Child with Spinal Deformity

6:30-7:00 PM

Doctors LaGrone and Riley

Case Presentations
Panel: Dr's Mo, Hollenbeck, Lavelle, Than

7:00 PM

Mike English

Humanitarian Efforts and Outreach

7:15 PM

Dinner (Onsite)



AGENDA

Saturday - FEB. 23TH

7:00 - 10:00 AM

Management of the Cervical Spine

Moderator: Dr. Gerald Alexander

7:00-7:15 AM

Dr. Gerald Alexander

ACDF vs. Cervical Disc Replacement

7:15-7:30 AM

Dr. Jason C. Tinley

Cervical Myelopathy: Anterior vs. Posterior Approach

7:30-7:45 AM

Dr. Seyed Babak Kalantar

Cervical Alignment- considerations regarding anterior vs. posterior approaches, and impact of alignment considerations on TDA vs. fusion

7:45-8:00 AM

Moderator
Dr. Gerald Alexander

Case Presentations
Panel: Dr's Alexander, Tortolani, Kalantar, Fischer

Minimally Invasive Approaches in Spine

Moderator: Dr. James Schwender

8:00-8:15 AM

Dr. Charla Fischer

MIS Principles & Techniques

8:15-8:30 AM

Dr. Johnathan Stieber

Navigation/Robotics Technologies in MIS Surgery

8:35-8:45 AM

Dr. Khoi Than

MIS TLIF: Tubes

8:45-9:00 AM

Dr. Stephen Tolhurst

The Role of Hyper-lordotic Implants

9:00-9:30 AM

Dr. James Schwender

Discussion/Debate: MIS vs. Open TLIF
Fischer MIS/Tortolani Open

9:30-10:00 AM

Moderator
Dr. James Schwender

Case Presentations
Panel: Dr's Stieber, Than, Tolhurst, Fischer, Tortolani

4:00 - 7:00 PM

Healthcare Economics

Moderator: Dr. Sigurd Berven

4:00-4:20 PM

Dr. Sigurd Berven

Introducing New Technologies to Hospitals: Barriers & Considerations

4:20-4:40 PM

Dr. Fred Mo

Evidence-Based Approach: Choice of Osteobiologics In Spine Surgery

4:40-5:00 PM

Dr. Sigurd Berven

Complications: Cost, Impact, & Examples

5:00-5:45 PM

Q & A/Discussion

5:45-6:45 PM

Scott Becker

Spine Practice 2019 and Healthcare as a Zero Sum Game

6:45-7:00 PM

Q & A/Discussion

7:15 PM

Dinner (onsite)

