

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

CHAIRMEN

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Sigurd Berven, MD
UCSF Medical Center
San Francisco, California

CO-CHAIRMEN

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Georgetown University
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FACULTY

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INNOV^{ASIS}

INNOVATE / INVOLVE / INVENT

➤ SPINE SYMPOSIUM

AN EVIDENCE-BASED APPROACH TO THE
MANAGEMENT OF SPINAL DISORDERS

➤ **February 21-22, 2020**
MONTAGE HOTEL AND RESORT
DEER VALLEY, UTAH



AGENDA

FRIDAY - FEB. 21ST

7:00 - 10:00 AM

PATIENT SAFETY AND QUALITY OF CARE

Moderator: Dr. Sigurd Berven

7:00-7:05 AM
Innovasis

Introduction

7:05-7:15 AM
Dr. Sigurd Berven

Patient safety: Benchmarks to measure safety and risk stratification

7:15-7:25 AM
Dr. Billy Lavelle

How do we measure quality of care in a research and non-research practice

7:25-7:55 AM
Dr. Ali Ozturk

Pathways in spine surgery: Preoperative optimization, Intra-operative standardization and Post-operative protocols

7:55-8:30 AM

Group Discussion

Panel: Drs. Lavelle and Ozturk

THE ROLE OF INTERBODY TECHNOLOGIES

Moderator: Dr. Jeff Deckey

8:30-8:40 AM
Dr. Sigurd Berven

Novel surfaces for interbody fusion, an overview of technologies

8:40-9:00 AM

Role of Interbody fusion in degenerative surgery

8:40-8:50: Dr. Tony Bozzio
8:50-9:00: Dr. Gerald Alexander

9:00-9:20 AM

Role of interbody fusion in deformity surgery

9:00-9:10: Dr. Ki Hwang
9:10-9:20: Dr. Justin Tortolani

9:20-9:30 AM
Dr. James Yue

Evidence for biologic sparing

9:30-10:00 AM

Group Discussion/Case Presentation

Panel: Drs. Berven, Bozzio, Alexander, Hwang, and Tortolani



Spine Symposium

Notes

FRIDAY - FEB. 21ST

4:00-7:00 PM

Direct Lateral Approaches

Moderator: Dr. Bobby Kalantar

4:00-4:10 PM

Dr. Tony Bozzio

Indications for lateral approach; Patient Selection, Consideration, tests and treatments

4:10-4:20 PM

Dr. Chambliss Harrod

Complications of the direct lateral approach

4:20-4:30 PM

Dr. Steve Tolhurst

2 Blade retractor vs. 3 Blade

4:30-5:30 PM

Group Discussion/Case Presentation

- What to do at L5-S1: Dr. Chambliss Harrod
- LLIF vs. OLIF: Dr. Steve Tolhurst

Panel: Drs. Tolhurst, Harrod and Bazzio

Minimally Invasive Approaches to Spine

Moderator: Dr. Fred Mo

5:30-5:40 PM

Dr. James Yue

MIS principles and Techniques

- Effect size for MIS vs. Open
- Limits of MIS approaches to spinal disorders

5:40-5:50 PM

Group Discussion

5:50-6:10 PM

MIS applications in deformity

5:50-6:00- Pro: Dr. Fred Mo

6:00-6:10- Con: Dr. Jeff Deckey

6:10-6:30 PM

MIS applications in Degen.

6:10-6:20- Pro: Dr. James Yue

6:20-6:30- Con: Dr. Joe Morreale

6:30-7:00 PM

Group Discussion/Case Presentation

Panel: Drs. Yue, Deckey and Morreale

7:00-7:10 PM

Innovasis

Humanitarian Efforts and Outreach



AGENDA

SATURDAY - FEB. 22ND

7:00 - 10:30 AM

DEFORMITY IN SPINE Moderator: Dr. Jeff Deckey

- 7:00-7:15 AM**
Dr. Mike LaGrone
Principles of Adult deformity: Indications; When or when not to operate
- 7:15-7:30 AM**
Dr. Justin Tortolani
Complications in deformity surgery- strategies to avoid PJK
- 7:30-7:45 AM**
Dr. Jeremy Smith
Strategies for sagittal alignment
- 7:45-8:00 AM**
Dr. Jaren Riley
Current trends in Pediatric surgery, what's available
- 8:00-8:30 AM**
Group Discussion/Case Presentation
Panel: Drs. LaGrone, Tortolani, Smith and Riley

MANAGEMENT OF CERVICAL SPINE Moderator: Dr. Bobby Kalantar

- 8:30-8:40 AM**
Dr. Billy Lavelle
Management of cervical myelopathy
- 8:40-8:50 AM**
Dr. Bobby Kalantar
Timing of surgery
- 8:50-9:00 AM**
Dr. Joe Morreale
Disc Arthroplasty-Literature update and correct number of levels
- 9:00-9:40 AM**
Case Presentation/Debate: Laminoplasty vs laminectomy and fusion
9:00-9:10- Laminoplasty: Dr. Todd Shanks
9:10-9:20- ACDF: Dr. Ali Ozturk
9:20-9:30- Laminectomy/Fusion: Dr. Jon White
9:30-9:40- Debate
- 9:40-9:50 AM**
Dr. Bobby Kalantar
Cervical deformity- what are the alignment parameters?
- 9:50-10:00 AM**
Dr. Ali Ozturk
Case Presentation: Complications of Anterior and Posterior cervical approaches
- 10:00-10:30 AM**
Group Discussion/Case Presentation
Panel: Drs. Lavelle, Morreale, Shanks and Ozturk

SATURDAY - FEB. 22ND

4:00 - 7:00 PM

BIOLOGICS Moderator: Dr. Fred Mo

- 4:00-4:10 PM**
Dr. Sigurd Berven
Osteobiologics in spine surgery- An evidence-based approach
- 4:10-4:20 PM**
Dr. Jeremy Smith
DBMs; Extenders and Synthetics
- 4:20-4:30 PM**
Dr. Joe Ferguson
Actifuse/Osteoamp/Stem Cell Products; When do you use?
- 4:30-4:45 PM**
Dr. Matt Wasserman
Role for autograft; When to use bone graft
- 4:45-5:00 PM**
Group Discussion/Debate
Panel: Drs. Berven, Smith, Ferguson and Wasserman

THE FUTURE OF SPINE AND YOU

- 5:00-5:30 PM**
Charles Oliver
Tax Savings Solutions for the new 21st Century Retirement
- 5:30-6:00 PM**
Question and Answer
- 6:00-6:35 PM**
Barbara Cataletto
The Business of Spine
 - Healthcare reform in spine surgery
 - Bundled payments- adoption and experience
 - Adoption of new technologies- perspectives of surgeons, hospitals and payers
 - Priorities for spine care- what are priorities for improving quality and value
- 6:30-7:00 PM**
Question and Answer
Adjourn

