

Spine: Base to Summit

January 17th – 20th, 2025

Vail, CO

Friday, January 17th (Non-CME)

Registration & Exhibits

SESSION 1: Case Discussions

Cervical

- Case presentation #1: C1-2 fusion complication
- Case presentation #2: Complex C2 fracture after multiple fusion extension procedures

Lumbar

- Case presentation #1: Degenerative spondylolistheses with leg pain only
- Case presentation #2: 3rd time recurrent disc herniation...is it time to fuse?

Deformity

- Case presentation #1: Multiple thoracic compression fractures with kyphosis
- Case presentation #2: Limited fusion in setting of major deformity

Company Supported Technology Updates

Career & Lifestyle

- *You think you're the only one?* The current (attention grabbing) state of affairs in surgeon care

Welcome Reception

SATURDAY, JANUARY 18TH

Breakfast & Exhibits, and Breakfast Workshop

SESSION 2

- *Highlighting the Issues:* Degenerative deformity correction: Complications
- Benefit vs risk. How much correction is necessary for a degenerative deformity?

Case Discussions: Degenerative Deformity

- Case presentation #1: Latrogenic flat back
- Case presentation #2: Bao C degenerative deformity – How to manage the fractional curve

Disc Treatment Options- Definitely *Not* a Straightforward Decision

Cervical

- TDR multilevel vs hybrid
- TDR in the presence of myelopathy
- Conversion of cervical fusion to TDR

Cervical Case Discussions

- Case presentation # 1: C1-C2 nonunion
- Case presentation # 2: Cold hangman's fracture

Lumbar

- Is there a role for lumbar arthroplasty?
- Is there a role for lumbar facet replacement?

Debate: Multilevel Spondylotic Myelopathy

- Laminectomy and fusion
- Laminoplasty vs 4 level ACDF

Lumbar Case Discussions

- Case presentation # 1: Can I do an arthroplasty above an L4 to S1 fusion?

Career & Lifestyle

- Growth not grind: Finding ways to energize your career throughout the years

Saturday Afternoon (Non-CME)

Après Ski

SESSION 3

Company Supported Technology Workshop

My Worst Complication in the Last Couple of Years

- Case presentation #1: Cervical complication
- Case presentation #2: Lumbar complication

The Challenges of the Transition from Peds to Adult Patients

- Case presentation #1: Spondylolysis in 16-year-old athlete that has failed 3-months of rest
- Pars repair
- MIS fusion
- Brace / Stimulation
- How a pediatric spine surgeon views the treatment options
- Case presentation #2: 22-year-old with 55-degree TL curve. Peds surgeon or adult surgeon?

Company Supported Technology Update

Trauma & Tumor

- Case presentation #1: Management of dumbbell tumor
- Case presentation #2: Basilar invagination

- Case presentation #3: L5 burst fracture: Long term implications of LS deformity
- Case presentation #4: Proximal migration of odontoid screw

SUNDAY, JANUARY 19th

Breakfast and Exhibits, and Breakfast Workshop

Trauma: Evaluation and Treatment

- Highlighting the issues: Update on the management of spinal cord injuries

Case Discussions

- Case presentation #1: Central cord syndrome
- Case presentation #2: Unilateral cervical facet dislocation
- Case presentation #3: Geriatric odontoid fracture

Diagnostic Strategies

- SPECT is the future of diagnostic imaging in TL degenerative pathology
- The role of SPECT in cervical evaluations
- Spine surgeons should direct their injections- results are more accurate

Keynote Presentation

- Safety in spine surgery: Lessons from NASCAR, NASA, and industries where failure isn't an option

Recurrent Lumbar Discs

- Highlighting the issues: Pathophysiology of recurrent disc herniations

Debate: Two-time recurrent lumbar disc herniation

- MIS decompression is the optimal treatment vs TLIF is the optimal treatment
- What's the future? Annular closures, repairs, regenerative strategies

Machine Learning, AI and What's New and Exciting

- The role of planning and machine learning in degenerative deformity
- Augmented Reality – The latest over-hyped technology for the OR? Or, of genuine value in the OR today and transformative in the near future?

Sunday Afternoon (Non-CME)

Après Ski

Company Supported Technology Workshop

My Worst Complication in the Last Couple of Years

- Case presentation #1: Vertebral artery injury

Open, MIS, or Endo?

- Case presentation #1: L2 Burst fracture
- Case presentation #2: Lateral cervical disc herniation.
- Case presentation #3: Thoracic disc

Company Supported Technology Updates

Cases: Open, MIS, or Endo- continued

- Case presentation #1: Dural tear
- Case presentation #2: Lumbar flatback deformity, Is MIS an option?

Monday, January 20th

Breakfast and Exhibits

SESSION 4

- The complication that just kept getting worse

SI and Pelvic Fixation

- Highlighting the issues: SI joint fusion
- Injections and ablations are adequate treatment
- SI Symptoms are related to alignment not degeneration
- Why are we so afraid of fusing to the pelvis? Hurdles, and how to overcome
- What to do when you need pelvic fixation but the SIJ is full of metal

Endoscopy

- Endoscopic Awake TLIF: Does it make a difference?
- Endoscopic spine surgery: Have we really made any progress?

The MLK Lecture

Major Complications and “The Save”

- Case presentation #1: Retropharyngeal hematoma with airway compromise
- Case presentation #2: CSF leak with ventral cervical surgery
- Case presentation #3: Esophageal injury recognized intraoperatively during ACDF
- Case presentation #4: Honeymooner’s pedicle screw loosening after awake MIS TLIF

Meeting Adjourns