

35 YEARS AT THE TOP **NEW** HIGHLIGHTS EVERY YEAR

SPINE

BASE to SUMMIT

PROGRAM DIRECTORS



GREGORY
MUNDIS, JR., MD



RICK SASSO, MD



VINCENT
TRAYNELIS, MD

VAIL

COLORADO

JANUARY 17-20

2025

GRAND HYATT VAIL

JOINTLY PROVIDED BY:



BROADWATER

PROGRAM DIRECTORS

Gregory Mundis, Jr., MD

Scripps Clinic Medical Group
La Jolla, CA

Rick Sasso, MD

Indiana Spine Group
Carmel, IN

Vincent Traynelis, MD

Rush University Medical Center
Chicago, IL

Dear Colleagues:

Year after year, participants tell us that Spine: Base to Summit is one of the best—even the best program they attend. Even so, 35 years and counting, the meeting strives to get better every year.

This year, highlights will include multiple new faculty and a case based, highly interactive program ([see pages 4–6](#)).

We hope you'll join us!

Gregory Mundis, Jr., MD | Rick Sasso, MD | Vincent Traynelis, MD



REGISTER EARLY

The course and hotel will fill very rapidly!

PROGRAM DIRECTORS

INVITED FACULTY

Hyun Bae, MD

The Spine Institute Center
for Spinal Restoration
Santa Monica, CA

Sigurd Berven, MD

University of California,
San Francisco
San Francisco, CA

Ernest Braxton, MD, MBA

Vail Summit Orthopaedics
Vail, CO

Bob Eastlack, MD

Scripps Clinic San Diego
San Diego, CA

Jeff Goldstein, MD

NYU Langone Health
New York, NY

Reg Haid, MD

Atlanta, GA

Adam Kanter, MD

Hoag
Newport Beach, CA

Brian Kwon, MD

New England Baptist Hospital
Boston, MA

Pierce Nunley, MD

Louisiana Spine Group
Shreveport, LA

Frank Phillips, MD

Midwest Orthopaedics at Rush
Chicago, IL

Sheeraz Qureshi, MD, MBA

Hospital for Special Surgery
New York, NY

Christopher Shaffrey, MD

Duke University Medical Center
Durham, NC

Luis Tumulán, MD

Barrow Neurological Institute
Phoenix, AZ

Alex Vaccaro, MD, PhD, MBA

Rothman Orthopaedic Institute
Philadelphia, PA

Michael Vitale, MD, MPH

Columbia University
Medical Center
New York, NY

Denise Walt, MD

Chicago, IL

INVITED EARLY CAREER FACULTY

Brandon Carlson, MD, MPH

University of Kansas
Medical Center
Kansas City, MO

Hani Malone, MD

Scripps Medical Center
La Jolla, CA

Michael McCarthy, MD

Indiana Spine Group
Carmel, IN

Kathryn McCarthy, MD

Norton Leatherman
Spine Center
Louisville, KY

COURSE OBJECTIVES

After completing this activity, participants should be better able to:

- **Describe the indications**, techniques, and outcomes for the surgical management of degenerative, deformity, trauma and tumor spine cases.
- **Discuss ways** to avoid and/or manage spinal surgery complications.
- **Discuss new** surgical techniques and technologies and how to apply them in practice.



“The course continues to evolve and improve each year. The audience, participation and dialogue amongst speakers is excellent.”

—PAST PARTICIPANT

SPECIAL GRANT OPPORTUNITIES

YOUNG SURGEONS GRANT

Senior residents, fellows, and surgeons who have been in practice for 3 or less years are invited to apply for a Young Surgeon Grant. Up to twenty surgeons will be selected and will each receive complimentary registration to the meeting and a grant of \$750.

Requirements: To receive complimentary registration and the \$750, grant recipients will be required to attend the Friday and Saturday afternoon sessions in their entirety, a Breakfast Workshop on Saturday or Sunday, and to participate in a Young Surgeon’s dinner sponsored by a medical company.



DEADLINE TO APPLY:
Friday, November 15, 2024



**APPLY
ONLINE**



QUESTIONS

Christina Bessette | Email: cbessette@broad-water.com
Phone: (630) 681-1040 ext. 305

PROGRAM

FRIDAY, JANUARY 17

3:30 pm	Registration & Exhibits
4:00	Welcome
SESSION 1	
Case Discussions	
Cervical	
<ul style="list-style-type: none">• C1-2 fusion complication• Complex C2 fracture after multiple fusion extension procedures	
Lumbar	
<ul style="list-style-type: none">• Degenerative spondylolistheses with leg pain only• 3rd time recurrent disc herniation...is it time to fuse?	
Deformity	
<ul style="list-style-type: none">• Multiple thoracic compression fractures with kyphosis• Limited fusion in setting of major deformity	
Career & Lifestyle	
<i>You think you're the only one?</i> The current (attention grabbing) state of affairs in surgeon care	
6:15-7:15	Welcome Reception

SATURDAY MORNING, JANUARY 18

6:30 am	Breakfast, Exhibits, and Breakfast Workshop
7:00	Welcome
SESSION 2	
<ul style="list-style-type: none">• <i>Highlighting the Issues:</i> Degenerative deformity correction—Complications• Benefit vs risk. How much correction is necessary for a degenerative deformity?	
Case Discussions	
Degenerative Deformity	
<ul style="list-style-type: none">• Latrogenic flat back• Bao C degenerative deformity—How to manage the fractional curve	
Disc Treatment Options—Definitely Not a straightforward decision	
Cervical	
<ul style="list-style-type: none">• TDR multilevel vs hybrid• TDR in the presence of myelopathy• Conversion of cervical fusion to TDR• Case #1: C1-C2 nonunion• Case #2: Hangman's fracture	
Lumbar	
<ul style="list-style-type: none">• Is there a role for lumbar arthroplasty?• Is there a role for lumbar facet replacement?• Case #1: Can I do an arthroplasty above an L4 to S1 fusion?• Case #2: Grade 1 degenerative spondylolisthesis—Treat with arthroplasty?	
Debate: Multilevel Spondylotic Myelopathy	
<ul style="list-style-type: none">• Laminectomy and fusion vs• Laminoplasty vs• 4 level ACDF	
Career & Lifestyle	
<i>Growth not Grind:</i> Finding ways to energize your career throughout the years	
10:15	Adjourn

PROGRAM

SATURDAY AFTERNOON, JANUARY 18 (Non-CME)

4:00 pm	Après Ski
4:10	Welcome
SESSION 3	
Technology Workshop	
My Worst Complication in the Last Couple of Years	
<ul style="list-style-type: none">• Case #1: Cervical complication• Case #2: Lumbar complication	
The Challenges of the Transition from Peds to Adult Patients	
<ul style="list-style-type: none">• Case #1: Spondylolysis in 16-year-old athlete that has failed 3-months of rest• Case #2: 22-year old with 55 degree TL curve. Peds surgeon or adult surgeon?	
Trauma & Tumor	
<ul style="list-style-type: none">• Case Presentation: Management of Dumbell tumor	
Case Discussions	
<ul style="list-style-type: none">• C1/2 fracture with basilar invagination posterior reduction• L5 burst fracture: Long term implications of LS deformity• Proximal migration of odontoid screw	
6:20 pm	Adjourn



“This is the BEST spine meeting in the spine surgical industry!”

—PAST PARTICIPANT

SUNDAY MORNING, JANUARY 19

6:30 am	Breakfast, Exhibits, and Breakfast Workshop
7:00	Welcome
SESSION 4	
Trauma: Evaluation and Treatment	
<ul style="list-style-type: none">• <i>Highlighting the Issues:</i> Update on the management of spinal cord injuries	
Case Discussions	
<ul style="list-style-type: none">• Central cord syndrome• Unilateral cervical facet dislocation• Geriatric odontoid fracture	
Diagnostic Strategies	
<ul style="list-style-type: none">• SPECT is the future of diagnostic imaging in TL degenerative pathology• The role of SPECT in cervical evaluations• Spine surgeons should do their own injections as results are more accurate	
Keynote	
Safety in Spine Surgery: Lessons from NASCAR, NASA, and industries where failure isn't an option	
Recurrent Lumbar Discs	
<i>Highlighting the Issues:</i> Pathophysiology of recurrent disc herniations	
Debate: Two-time recurrent lumbar disc herniation	
<ul style="list-style-type: none">• 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	
<ul style="list-style-type: none">• 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?	
10:10	Adjourn

PROGRAM

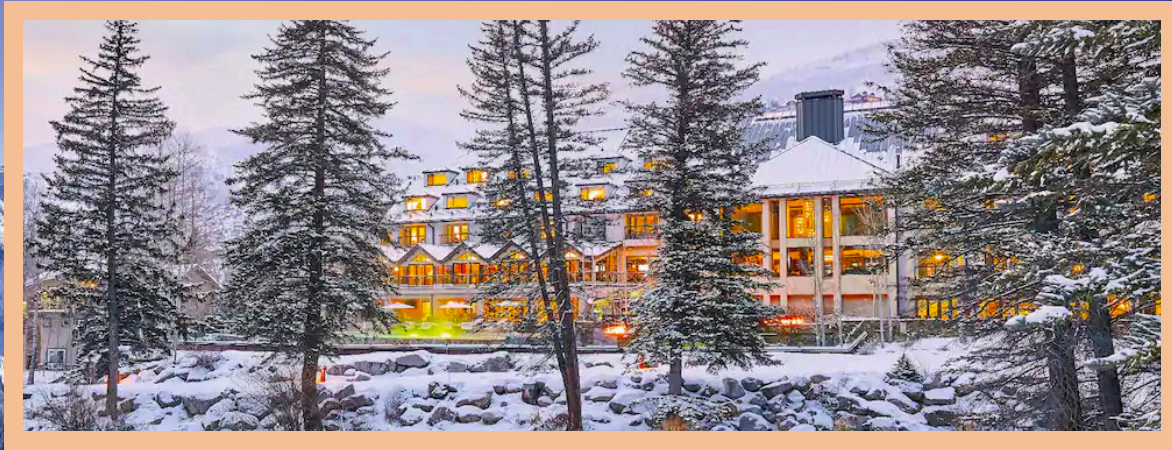
SUNDAY AFTERNOON, JANUARY 19 (Non-CME)

4:00 pm	Après Ski
4:10	Welcome
SESSION 5	
Technology Workshop	
My Worst Complication in the Last Couple of Years	
• Case Presentation: Vertebral artery injury	
Open, MIS, or Endo?	
• Case #1: L2 Burst fracture	
• Case #2: Lateral cervical disc herniation	
• Case #3: Thoracic disc	
• Case #4: Dural tear	
• Case #5: Lumbar flatback deformity	
6:10 pm	Adjourn

MONDAY MORNING, JANUARY 20

6:30 am	Breakfast & Exhibits
7:00	Welcome
SESSION 6	
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	
• Endoscopy—Advances in techniques	
• Endoscopic management of spinal tumors	
Special Lecture	
Creativity and innovation in your practice, career and life	
Major Complications and “The Save”	
• Case #1: Retropharyngeal hematoma with airway compromise	
• Case #2: CSF leak with ventral cervical surgery	
• Case #3: Esophageal injury recognized intraoperatively during ACDF	
10:05	Adjourn

HOTEL



GRAND HYATT VAIL

Situated at the base of Vail Mountain along the banks of picturesque Gore Creek, The Grand Hyatt Vail is a deluxe resort in the heart of the Rocky Mountains. The Grand Hyatt Vail's on-property chairlift provides

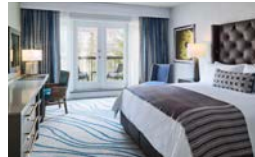


Vail's only true ski-in/ski-out luxury resort, with onsite rentals and ticket office, aided by a world-class ski concierge. Luxuriously appointed guest rooms feature contemporary

Vail's only true ski-in/ski-out luxury resort, with onsite rentals and ticket office, aided by a world-class ski concierge. Luxuriously appointed guest rooms feature contemporary

ROOM RATE

\$479 plus \$40 resort fee and taxes per night for a standard category room. Standard category rooms are 350 square feet and sleep up to 4 people. The hotel does have a limited number of suites for an additional fee per night.



RESERVATION PROCEDURE



[Click Here](#)

Phone: 1-800-420-2424

Please mention you are with the **Spine: Base to Summit** group or mention BroadWater to receive the discounted room rate when making your reservation over the phone.

EXTEND YOUR STAY

The Grand Hyatt Vail is honoring the discounted group rate 3 days before and 3 days after the meeting.



DEADLINE

It is recommended that participants book their hotel rooms as soon as possible. After **December 9, 2024** the group room rate will no longer be available.

COURSE REGISTRATION

Fast, Easy, and Secure Online Registration



REGISTER NOW!

REGISTRATION

Register early as the limited space will fill very rapidly!

Surgeons	\$945
Fellows/Residents/Allied Health	\$695
Guests—Adult	\$250
Guests—Children Ages 5–12	\$145

- Registration fee includes daily buffet breakfast, après-ski refreshments, welcome reception, and course materials
- Guest registration fee includes daily buffet breakfast, après-ski refreshments, and welcome reception

SKI INFORMATION

Lift tickets may be directly purchased from [Epic Pass®](#)

For the best pricing, purchase your Epic Pass(es) before arriving in Vail.

- **Private Ski Valet**—There will be a complimentary private ski valet at the Grand Vail Hyatt specifically serving the Base to Summit meeting attendees. This is a true luxury ski-in/ski-out experience where you will be greeted with a warm beverage, toasty boots, fireplace, and lounge. You'll never carry your skis to and from the chair lift.



QUESTIONS

Please call BroadWater at (630) 681-1040
or email cbesette@broad-water.com



CME ACCREDITATION

WHO SHOULD ATTEND?

This advanced course is for orthopaedic and neurological surgeons, fellows, and residents who include spine surgery in their practices.



JOINTLY ACCREDITED PROVIDER™
INTERPROFESSIONAL CONTINUING EDUCATION

ACCREDITATION STATEMENT

In support of improving patient care, this activity has been planned and implemented by Medical Education Resources (MER) and BroadWater. MER is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

PHYSICIAN DESIGNATION

Medical Education Resources designates this live activity for a maximum of 13.5 *AMA PRA Category 1 Credits*™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

DISCLOSURE OF RELEVANT FINANCIAL RELATIONSHIPS

Medical Education Resources ensures balance, independence, objectivity, and scientific rigor in all our educational activities. In accordance with this policy, MER identifies relevant financial relationships with its instructors, content managers, and other individuals who are in a position to control the content of an activity. Reported relevant financial relationships are mitigated by MER to ensure that all scientific research referred to, reported, or used in a CE activity conforms to the generally accepted standards of experimental design, data collection, and analysis. MER is committed to providing learners with high-quality CE activities that promote improvements or quality in health care and not the business interest of an ineligible company. All disclosure information will be provided in the online syllabus.

CANCELLATIONS & REFUNDS

- Full refund less \$150 administrative fee if cancelled prior to December 13. No refunds after December 13.
- Other costs incurred by the registrant, such as airline or hotel penalties, are the responsibility of the registrant.



REGISTER NOW!

JOINT PROVIDERSHIP

This activity is jointly provided by Medical Education Resources, Inc., a non-profit medical education company and BroadWater, LLC.

ATTENDANCE

The course chairmen reserve the right to refuse admission to anyone whose presence is considered to be incompatible with course objectives.