

29 YEARS AS THE LEADING WINTER SPINE MEETING

SPINE

BASE to SUMMIT

VAIL
COLORADO

JANUARY 18-21

2019

HOTEL TALISA

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JOINTLY PROVIDED BY:



BROADWATER_{LLC}

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Dear Colleagues:

Year after year, participants tell us that this is one of the best, even *the* best, meeting they attend.

They value the highly interactive program; the insights to apply in their next cases; and informally connecting with the exceptional faculty.

This year, we're moving from Beaver Creek to Vail, to the exquisite Hotel Talisa. We're convinced you'll find the entire experience to be outstanding.

We hope you'll join us!

COURSE CO-DIRECTORS

Todd Albert, MD | Sigurd Berven, MD | Michael Fehlings, MD, PhD | Regis Haid, MD
Larry Lenke, MD | Chris Shaffrey, MD | Juan S. Uribe, MD

*"The event
was nothing
short of
spectacular."*

**Register early—the program
and hotel will fill-up.**

COURSE OBJECTIVES

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

- Describe the rationale, techniques, and relative merits of various MIS and open surgical procedures for managing lumbar and cervical degenerative, adult deformity, trauma, and tumor cases.
- Discuss ways to avoid and /or manage spinal surgery complications.

**“Great
speakers and
content year
after year.”**

PROGRAM

FRIDAY, JANUARY 18, 2019

4:00 PM	Welcome	
SESSION 1: Case Complications— Bad Decision? Bad Technique? Bad Karma?		MODERATOR: R. HAID, MD
4:05	Case: Cervical Degen.: Help! Panel: Drs. Albert, Fehlings, Sasso	PRESENTER: R. HAID, MD
4:30	Case: Lumbar Degen.—MIS: What Was I Thinking? Panel: Drs. Lieberman, Phillips, Uribe	PRESENTER: G. MUNDIS, JR., MD
4:55	Case: TL Deformity: I'm Not as Good as I Once Was Panel: Drs. Berven, Lehman, Lenke	PRESENTER: C. SHAFFREY, MD
	Complications: Avoidance is Wonderful Therapy That Hurt! Painful Lessons I've Learned the Hard Way:	
5:20	• TL Deformity	J. SMITH, MD
5:30	• Cervical	N. THEODORE, MD
5:40	Discussion	
5:45	Special Lecture: The Silent Epidemic in Medicine: Physician Burnout	T. ALBERT, MD
6:05	Discussion	
6:10	Adjourn	
6:15–7:15	Wine and Cheese Reception	



CALL FOR ABSTRACTS

Fellows and surgeons who have been in practice for 5 years or less are invited to submit abstracts for presentation. Surgeons whose papers are selected will receive complimentary course registration for attending the exclusive Young Surgeon Dinner.

Format: Abstracts can address any subject directly relevant to spine surgery and must include title, authors, text of 400 words or less, and up to two images.

Submission deadline
October 19

Authors notified
November 12

Questions and Submission:
nhenkel@broad-water.com

PROGRAM

SATURDAY, JANUARY 19, 2019

SESSION 2: Cervical		Moderator: T. Albert, MD
7:05 AM	What Are the IMPORTANT Cervical Parameters?	J. Smith, MD
7:17	How I Now Think About Cervical Deformity; Lessons Learned	R. Sasso, MD
7:29	Discussion	
	Cervical Issues: Avoidance and Management	
7:37	• Dural Repair	M. Fehlings, MD, PhD
7:45	• Loss of SEPs, MEPs, and EMGs	S. Berven, MD
7:53	• Cervical Dysphagia	T. Albert, MD
8:01	Discussion	
SESSION 3: Complex Spinal Deformity		Moderator: L. Lenke, MD
	How I Do It. Technical Execution of Optimal:	
8:10	• Sagittal Realignment	C. Shaffrey, MD
8:22	• Coronal Realignment	L. Lenke, MD
8:34	ASD Surgery: Intraop. and Post Op. Intangibles to Ensure a Successful Outcome. The Little Things That Add Up to Help	R. Lehman, MD
8:46	Discussion	

SESSION 4: Patient Optimization		Moderator: R. Lehman, MD
8:56	Medical Evaluation and Optimization of ALL Spinal Fusion Patients, Including Tests and Treatments	F. Phillips, MD
9:06	How I Select and Optimize a Patient to Perform a MIS Approach: What Are the Relative Contraindications to a Less Invasive Approach? How I Know When the Envelope Should NOT Be Pushed	J. Uribe, MD
9:16	Discussion	
	Robotics Today	Moderator: T. Albert, MD
9:22	Robotics: Surgical Workflow	R. Lehman, MD
9:30	Robotics and Navigation: Outcomes, Economics, and Value for Patients, Surgeons and Hospitals	I. Lieberman, MD
9:45	Robotic Technology: Pearls and Pitfalls. How Long Does it Take to Get Over the Learning Curve?	N. Theodore, MD
9:55	Discussion	
SESSION 5: Free Papers		Moderator: G. Mundis, Jr., MD
10:05–10:35	Free Papers	
Afternoon Cases and Workshops		
4:00 PM	Après Ski Refreshments	
4:15–5:10	Workshops (Non-CME)	
5:15–6:15	Case Discussion Breakouts	
	• Lumbar Degen.	Moderator: F. Phillips, MD
	• Complex Deformity	Moderator: L. Lenke, MD

PROGRAM

SUNDAY, JANUARY 20, 2019

SESSION 6: Lumbar Degen. and Deformity		MODERATOR: R. HAID, MD
7:05 AM	What Are the Essential Parameters?	C. SHAFFREY, MD
7:17	Parameters Matter in ALL Lumbar Fusion Cases	R. HAID, MD
7:29	Discussion	
7:39	Here's the Extent Most People Can Expect to Improve Lumbar Lordosis with a Lateral Technique but Without an ALL Resection	G. MUNDIS, JR., MD
7:51	Here's What I Expect to Gain with an ALL Resection. How Much Posterior Correction Do I Need to Add?	J. URIBE, MD
8:03	Discussion	
8:15	Case Discussion: Lumbar Degen. Panel: Drs. Berven, Lieberman, Mundis, Phillips, Shaffrey	MODERATOR: R. HAID, MD
SESSION 7: Novel Biomaterials & Osteobiologics		MODERATOR: S. BERVEN, MD
8:55	Interbody Material Selection	R. HAID, MD
9:15	Discussion	
9:20	BMP-2: Consent and Application in My Practice: When Do I Use it and When Do I Avoid it?	R. SASSO, MD
9:32	How I Select Fusion Enhancers and Extenders	F. PHILLIPS, MD
9:44	Peptides and Spine Fusion: What is the Evidence?	S. BERVEN, MD
9:56	Discussion	
SESSION 8: Free Papers		MODERATOR: J. URIBE, MD
10:05–10:35	Free Papers	
Afternoon Cases and Workshops		
4:00 PM	Après Ski Refreshments	
4:15–5:10	Workshops (Non-CME)	
5:15–6:15	Case Discussion Breakouts • Cervical • Lumbar Degen. Deformity • Trauma	MODERATOR: R. SASSO, MD MODERATOR: S. BERVEN, MD MODERATOR: M. FEHLINGS, MD, PHD

MONDAY, JANUARY 21, 2019

SESSION 9: Case Discussions		MODERATOR: M. FEHLINGS, MD, PHD
7:05 AM	Case: Type 2 Odontoid Fractures Panel: Drs. Albert, Haid, Phillips, Sasso	PRESENTER: M. FEHLINGS, MD, PHD
7:20	Case: Cervical Degen. Panel: Drs. Albert, Haid, Phillips, Sasso	PRESENTER: M. FEHLINGS, MD, PHD
7:35	Case: L2 or L3 Burst Fracture Panel: Drs. Lieberman, Smith, Theodore	PRESENTER: M. FEHLINGS, MD, PHD
7:50	Case: Wound Infection Panel: Drs. Haid, Smith, Shaffrey, Theodore	PRESENTER: G. MUNDIS, JR., MD
8:05	Case: TL Deformity Panel: Drs. Berven, Shaffrey, Mundis, Uribe	PRESENTER: L. LENKE, MD
8:20	Case: Lumbar Degen. Panel: Drs. Haid, Lehman, Mundis, Uribe	PRESENTER: S. BERVEN, MD
8:35	Case: Lumbar Tumor Panel: Drs. Berven, Smith, Theodore	PRESENTER: F. PHILLIPS, MD
SESSION 10: Lumbar and Cervical Degen.		MODERATOR: J. SMITH, MD
8:50	Debate: L5-S1 Spondylolisthesis • Open TLIF with Posterior Column Osteotomy Gives the Best Outcome	C. SHAFFREY, MD
9:02	• ALIF Gives the Best Outcome	R. HAID, MD
9:14	Discussion	
9:22	Debate: Patient With Minimal Neck Pain and Cervical Stenosis • Operative Treatment is the Best Management	M. FEHLINGS, MD, PHD
9:34	• Nonoperative Treatment With Observation is the Best Management	I. LIEBERMAN, MD
9:46	Discussion	
10:00	Adjourn	



CALL FOR ABSTRACTS
See page 3 for more details.

COURSE REGISTRATION AND HOTEL



FAST, EASY, AND SECURE
ONLINE REGISTRATION

www.RegOnline.com/BasetoSummit2019

REGISTRATION

Register early as the limited space will fill very rapidly!

Surgeons	\$845
Fellows/Residents/Allied Health	\$595
Guests—Adult	\$195
Guests—Children Ages 5–12	\$95

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



HOTEL TALISA

Following a multi-million-dollar renovation in 2017, Hotel Talisa has been nominated as a top “Hotel & Resort” by *Condé Nast Traveler* in its inaugural year! Hotel Talisa’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 décor and offer a lovely respite from time well spent in the mountains.



**SECURE YOUR
SPOT TODAY!**

ROOM RATE

\$409 plus \$38 resort fee and taxes per night for a Superior category room. Superior 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

Online: www.broad-water.com/event/spine-base-to-summit-2019/

Phone: 1-800-420-2424

Please provide group code: **BA17AB** when making your reservation over the phone.

DEADLINE

It is recommended that participants book their hotel rooms as soon as possible, as space will fill rapidly. After **December 17, 2018** the group room rate will no longer be available.

EXTEND YOUR STAY

The Hotel Talisa is honoring the discounted group rate 3 days before and 3 days after the meeting.

SKI INFORMATION

Discounted lift tickets may be purchased until **December 21, 2018**, during online registration at www.regonline.com/BasetoSummit2019. Upon arrival, you may pick up your ski tickets at the BroadWater ticket desk in the Hotel Talisa's lobby. Please contact **Nancy Henkel** at: nhenkel@broad-water.com **Tel. (630) 681-1040 ext. 306** if you have any questions.

SKI TICKET DESK HOURS AT HOTEL TALISA

Thursday, Jan. 17	Friday, Jan. 18	Saturday, Jan. 19
7:30am–3:30pm	7:30am–6:15pm	7:30am–12:00pm

SKI LIFT TICKET RATES

	Adult (13–64)	Child (5–12)
1 Day	\$166	\$115
2 of 3 Days	\$332	\$230
3 of 5 Days	\$474	\$330
4 of 6 Days	\$592	\$412
5 of 8 Days	\$695	\$485

For Senior (65+) ski ticket rates, please email nhenkel@broad-water.com for more details.

- **Private Ski Valet**—There will be a complimentary private ski valet at the Hotel Talisa 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, and your very own fireplace and lounge. You'll never carry your skis to and from the chair lift.
- **Ski Equipment Rentals:** You may rent ski equipment at the special 20% discounted group rate through Venture Sports, the Hotel Talisa's onsite ski shop. Reservation information will be available in October.



QUESTIONS

Please call BroadWater at (630) 681-1040 or email nhenkel@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.

ACCREDITATION STATEMENT

This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of Medical Education Resources (MER) and BroadWater. MER is accredited by the ACCME to provide continuing medical education for physicians.

CREDIT DESIGNATION

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

DISCLOSURE POLICY

Medical Education Resources ensures balance, independence, objectivity, and scientific rigor in all our educational activities. In accordance with this policy, MER identifies conflicts of interest with its instructors, content managers, and other individuals who are in a position to control the content of an activity. Conflicts are resolved by MER to ensure that all scientific research referred to, reported, or used in a CME activity conforms to the generally accepted standards of experimental design, data collection, and analysis. MER is committed to providing its learners with high-quality CME activities that promote improvements or quality in health care and not the business interest of a commercial interest.

PROVIDERSHIP

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

COMMERCIAL SUPPORT

Various medical companies have been invited to exhibit at this course. Full disclosure of financial and other types of support will be disclosed in the course syllabus materials.

REFUNDS

A full refund will be provided, less a \$150 administrative fee, dependent upon written notice being received by **December 14, 2018** by email to nhenkel@broad-water.com or fax (630) 682-5811. Refunds will not be made after this date. Substitutions are allowed at any time but must be submitted in writing.

If registrant(s) are unable to attend the meeting due to weather delays, strikes, Acts of God, civil disturbance, or other reasons not directly controlled by the meeting organizers, registration fees, airline, hotel, and other costs incurred by the registrant(s) will not be refunded.

ATTENDANCE

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

COURSE CANCELLATION

In the unlikely event of insufficient enrollment, we reserve the right to cancel the course 21 days prior. Registrants will be notified by certified mail and registration fees will be refunded. Airline and other costs incurred by the registrant are the responsibility of the registrant and will not be refunded.

REGISTER NOW

