

PRELIMINARY PROGRAM

September 14–16, 2017

- CO-CHAIRMEN**
- Hyun Bae, MD
 - Adam Kanter, MD
 - Isador Lieberman, MD

SEPTEMBER 14
Optional Cadaveric Labs

SEPTEMBER 15–16
Scientific Program

**The Cosmopolitan of Las Vegas
& the MERIN Lab
Las Vegas, NV**



Program includes 60+ Free Paper Presentations.
**SUBMIT YOUR ABSTRACT BY
June 9, 2017!**
www.smisssmeeting.org

JOINTLY PROVIDED BY:

Dear Colleague,

THE SMISS ANNUAL FORUM IS THE ONLY MAJOR MEETING focused entirely on minimally invasive spine surgery. Other meetings dedicate a lecture or two, or even a session, to MISS, but at the SMISS Annual Forum minimally invasive spine surgery is front and center. If you already use MISS techniques in your practice, or want to add them to your tool box, there is no better meeting for you to attend.

This year's Forum will be held in Las Vegas, September 14-16, 2017. It will feature two days of presentations, papers, debates and workshops, plus an optional cadaver lab. The full spectrum of MISS topics will be addressed. In addition, there will be a special session on the role of MISS within the emergence of Ambulatory Surgery Centers.

Last year's SMISS Forum received superb reviews. We hope you'll join us in 2017 for the #1 meeting in MISS! Visit www.smisssmeeting.org to submit abstracts and register today!

Sincerely,

Hyun Bae, MD | Adam Kanter, MD | Isador Lieberman, MD

“The activity was... motivating for the new person to practice MISS for the benefit of patients.”

—2016 ATTENDEE

Faculty

Annual Forum Co-Chairmen

Hyun Bae, MD*
 Adam Kanter, MD*
 Isador Lieberman, MD*

Cadaveric Workshop Chairmen

Hyun Bae, MD
 Larry Khoo, MD

Invited Speakers

Greg Anderson, MD*
 Sam Bederman, MD*
 Sig Berven, MD*

Shane Burch, MD
 Gurvinder S. Deol, MD*
 Robert Eastlack, MD*
 Rick Fessler, MD*
 Kevin Foley, MD*
 Tai Friesem, MD
 Roger Härtl, MD*
 Paul Holman, MD*
 Saad Khairi, MD
 Larry Khoo, MD*
 Choll Kim, MD*
 Terrence Kim, MD

Ron Lehman, MD*
 Steven Ludwig, MD*
 Jean-Pierre Mobasser, MD*
 Praveen Mummaneni, MD
 Pierce Nunley, MD*
 David Okonkwo, MD*
 Paul Park, MD*
 John Peloza, MD
 Frederick Pennings, MD
 Frank Phillips, MD
 Kees Poelstra, MD*
 Sheeraz Qureshi, MD*

Jeff Roh, MD*
 William Smith, MD
 William Taylor, MD*
 Albert Telfeian, MD
 Zach Tempel, MD*
 Khoi Than, MD*
 Juan Uribe, MD*
 Alex Vaccaro, MD
 Mike Wang, MD
 Peter Whang, MD
 Jim Youssef, MD
 Joseph Zavatsky, MD*

* Also a member of the Scientific Program Committee Faculty Subject to Change

Why attend SMISS '17? Last year's attendees said after the meeting they would

“include more MIS spine surgery options in my practice”

“introduce endoscopy”

“have more information for my patients”

“use navigation more”

“consider doing more cases at a ASC”

“use new technology”

“change[ing] to multi-modal pain management”

Physician Accreditation

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

Credit Designation

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

Disclosure of Conflicts of Interest

Medical Education Resources insures 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.

Optional Cadaveric Lab *Non-CME-Accredited*

September 14, 2017 | MERIN Laboratory | Las Vegas, NV

SMISS invites you to join small learning groups and practice hands-on techniques in minimally invasive spine surgery. Choose between two lab tracks on September 14, 2017 at the MERIN Laboratory in Las Vegas, Nevada. The Cadaveric Lab is supported by various medical device companies and is not CME-accredited.

The labs typically sell out well in advance so register now to secure your place!

MISS Techniques Lab

September 14, 2017 | 8:00 am–4:00 pm

Practice the latest techniques in MISS! Registrants will rotate through four MISS technique stations in 90-minute hands-on sessions.

Non-Member Fee: \$750 | Member Fee: \$650

Endoscopic Techniques Lab

September 14, 2017 | 8:00 am–4:00 pm

This lab track features in-depth lectures followed by rotations through multiple hand-on stations.

Non-Member Fee: \$750 | Member Fee: \$650



Call for Abstracts

Submit abstracts relating to current and emerging techniques and technology in MISS! Visit www.smisssmeeting.org to learn more.

Submission deadline: June 9, 2017



Scientific Program

“*Excellent meeting as always*”

—2016 ATTENDEE

THURSDAY, SEPTEMBER 14, 2017

8:00 am–4:00 pm Optional Non-CME Cadaveric Labs

4:00–6:00 pm Registration Opens

FRIDAY, SEPTEMBER 15, 2017

6:45 am Registration

7:30 Non-CME Technology Workshops with Breakfast *Participants choose which to attend*

SESSION 1: MIS and Restoring of Lumbar Lordosis

8:30 Welcome

8:35 Introduction: Why is Lumbar Lordosis Important; Lordosis Parameters

MIS Options for Restoring Lumbar Lordosis:

8:45 > Anterior Lumbar Interbody Fusion

8:55 > Direct Lateral Interbody Fusion

9:05 > Transforaminal Interbody Fusion

9:15 Discussion

Debate: Anterior Column Release and Hyperlordotic Cages

9:25 > Advantages

9:35 > Disadvantages

9:45 > Rebuttal

9:50 Discussion

9:55 Case Presentation: Lumbar Degenerative Scoliosis

10:15 Refreshment Break; Exhibit Viewing

EXHIBIT HALL

SESSION 2: Concurrent Free Paper Sessions

10:45-12:15 Session 2A: Free Papers
 Session 2B: Free papers

12:20 Lunch; Exhibit Viewing; Meet-the-Experts Sessions

EXHIBIT HALL

SESSION 3: Concurrent Sessions *Participants choose Option A or B*

1:15 Session 3A: Endoscopy
 Session 3B: MIS Techniques—MidLIF, etc.

2:45 Refreshment Break; Exhibit Viewing

EXHIBIT HALL

SESSION 4: Guest Lecture

3:15 Introduction of Guest Speaker

3:18 Guest Speaker

SESSION 5: Robotics & Navigation

3:45 Introduction: What is Robotic Guidance, what is Navigation; Why use Either

3:55 The Available Technologies: Fluoro, 2D Nav, 3D Nav, Intra-op CT, Robotics

4:05 What Goes on in the Black Box? The Science of Registration and Referencing

4:15 Discussion

4:22 The Literature to Support Navigation: Advantages and Complications

Friday, September 15 Continued

4:32	The Literature to Support Robotic Guidance: Advantages and Complications	
4:42	The Economics of Navigation and Robotic Guidance	
4:52	Discussion	
	Case Presentations:	
4:59	How Navigation Helped this Patient	
5:04	How Robotic Guidance Helped this Patient	
5:09	Panel Discussion: Learning Curve and Future Developments	
5:20–6:20 pm	Adjourn; Welcome Reception	EXHIBIT HALL

SATURDAY, SEPTEMBER 16, 2017

6:45 am	Registration	
7:30	Non-CME Technology Workshops with Breakfast <i>Participants choose which to attend</i>	

SESSION 6: Part 1—ASCs

8:30	Welcome	
8:35	SOP for Performing Lumbar Fusion Surgery at ASC—ALIF, XLIF & TLIF, ACDF	
8:43	Ethics of MIS Surgery	
8:51	Discussion	
8:57	What Pain Protocols Provide Value? What does the Data Support?	
9:05	Alignment Opportunities (Bundling and Contracting)	
9:13	Discussion	
9:19	Pushing the Limits of the ASC. Are we Sacrificing Patient Safety?	
9:27	My Whole Practice is Based at the ASC	
9:35	Discussion	

SESSION 6: Part 2—Trauma & Tumor

9:40	Overview of Surgical Indications, Classification and Biomechanics of Trauma	
9:50	Lateral Approach to Thoracic and Lumbar Trauma	
9:58	Posterior Approach to Track a Lumbar Trauma with Indications	
10:06	Internal Fixation without Fusion for Stabilization	
10:14	Minimally Invasive Approach is to Intra and Extra Dural Tumors	
10:30	Refreshment Break; Exhibit Viewing	EXHIBIT HALL

SESSION 7: Concurrent Free Paper Sessions *Participants choose Option A or B*

11:15	Session 7A: Free Papers Session 7B: Free Papers	
12:20	Lunch, Exhibit Viewing, and Meet-the-Experts Sessions	EXHIBIT HALL

SESSION 8: Concurrent Sessions *Participants choose Option A or B*

1:15	Session 8A: MIS Cervical Session 8B: Optimizing Fusion	
2:40	Refreshment Break; Last Chance Exhibit Viewing	EXHIBIT HALL

Saturday, September 16 Continued

SESSION 9: Future of MIS—Regenerative Medicine, etc.

3:05	Introduction: Why MIS? Why Regenerative Medicine?
3:15	What are Stem Cells?
3:25	Stem Cells for Disc Regeneration
3:35	Stem Cells for Spinal Cord Injury
3:45	Stem Cells for Lumbar Fusion
3:55	Panel Discussion

SESSION 10: Part 1—Best Paper Award

4:05	Best Paper Presentation
4:09	Discussion
4:12	Award Presentation
4:13	Prize Drawing

SESSION 10: Part 2—Complication Avoidance

4:15	Understanding Spino-pelvic Parameters to Minimize Failure
4:20	Pearls to Avoid Visceral/Vascular Injury with LLIF
4:30	Infection Prevention: Strategies from Pre-op to Post-op
4:40	Discussion
4:45	Minimizing Medical Complications
4:55	Psuedomeningocele Repair through a Tube: Is it Possible, or even Necessary?
5:05	Re-operation: When MIS Fails, is it Smart to Try it Again?
5:15	Discussion
5:20	Adjourn

Program Subject to Change

Learning Objectives

As a result of this activity, the participant should be better able to:

- Describe the rationale, advances, surgical tips, and complications associated with current MISS techniques, including lateral, TLIF, and endoscopic.
- Discuss MISS treatment options and their outcomes for the management of spinal deformity, degenerative, trauma, and tumor conditions.
- Describe current best practices for various MISS challenges, including optimizing fusion rates, and minimizing radiation exposure.
- Discuss ambulatory surgery centers and their relative merits and concerns for patients, surgeons, and payors.



Target Audience

This course is designed for orthopaedic and neurological surgeons, fellows, and residents.

Registration & Hotel



Register online at
www.smissmeeting.org

Scientific Program Registration Fees

Late Fee (after August 14) \$100.

Non-Member Surgeon	\$795
SMISS Member Surgeon	\$625
Surgeon from Low-GDP Country*	\$425
Resident, Fellow, Allied Health (e.g. PA, RN)	\$425

Optional Cadaveric Lab Registration Fees

Non-Member Surgeon	\$750
SMISS Member Surgeon	\$650

For registration and hotel details and a complete list of course policies, visit www.smissmeeting.org.

*As defined by the World Bank. List can be found on smismeeting.org

“When the Cosmopolitan opened in 2010, it made an urbane, design-forward statement that is still relevant and hasn't yet been surpassed.”

—TRAVEL + LEISURE

Hotel Accommodations



THE COSMOPOLITAN™ of LAS VEGAS

3708 Las Vegas Blvd South | Las Vegas, NV 89109
Main: 702-698-7000

Room Rate:

City Room/Terrace Studio—\$229 per night, plus tax

Guest rooms at The Cosmopolitan are open and welcoming, with artful touches that give each space the feel of a private urban residence. With everything you need in Las Vegas (14 restaurants, three pool areas, two fitness centers, luxury spa, eclectic boutiques, nightclub, casino, entertainment) and surprises around every corner (live-in artists, chandelier bar) your stay at The Cosmopolitan will be unforgettable.

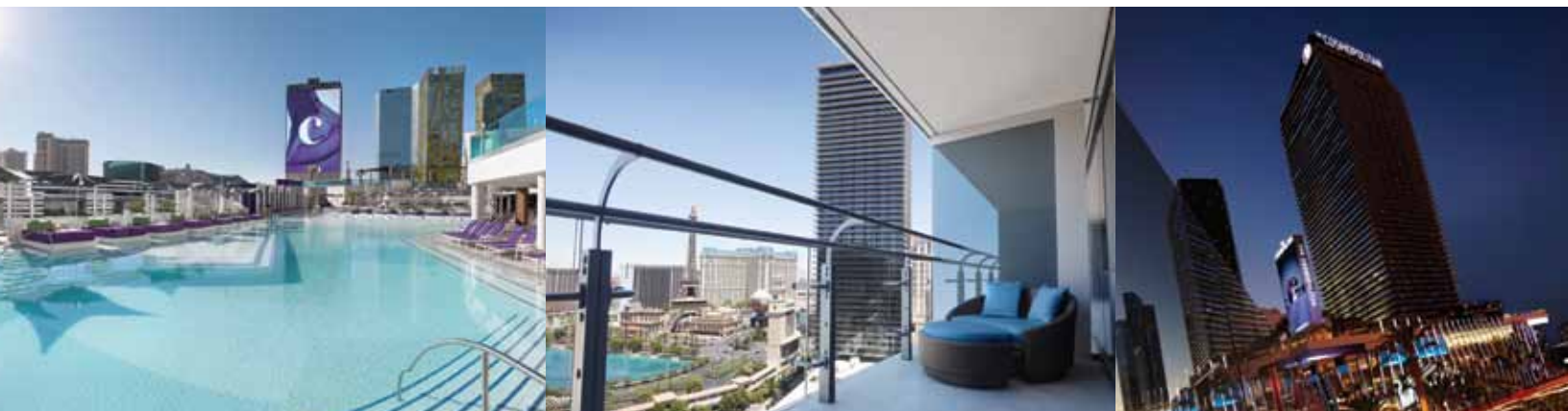
Reservations Procedure

Make your reservation by August 14!

<https://aws.passkey.com/go/SMISS7>

Reservations: 855-435-0005

When calling reservations, reference the group code:
SMISS7





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Annual Forum '17

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FDA (United States)

Some drugs and medical devices demonstrated during this course have limited FDA labeling and marketing clearance. It is the responsibility of the physician to be aware of drug or device FDA labeling and marketing status.

Commercial Support

Various medical companies have been invited to exhibit and provide grants for this course. Full disclosure of financial and other support will be provided in the course materials.

Disclaimer

SMISS, MER, and BroadWater disclaim any and all liability for injury or other damages resulting to any individual attending a scientific meeting and for all claims that may arise out of the use of techniques demonstrated therein by such individuals, whether these claims shall be asserted by a physician or any other person.

