

PRELIMINARY PROGRAM

SMISS Annual Forum **24**

SEPTEMBER 5-7, 2024
THE BELLAGIO | LAS VEGAS, NV

*Innovate,
Adapt,
Evolve!*



SEPTEMBER 5-7
Scientific Program

SEPTEMBER 7
Optional Cadaveric Lab

**New
Day!**

PRESIDENT



Sheeraz
Qureshi, MD, MBA

2024 ANNUAL FORUM DIRECTORS



Sravisht
Iyer, MD



Philip K.
Louie, MD



Hani
Malone, MD



Jeremy
Steinberger, MD

JOINTLY PROVIDED BY:



Forum Highlights

The **SMISS Forum** gives you practical insights you can immediately use. Past attendees planned to make numerous changes including:

- “Try to adopt more endoscopy into my practice by learning additional endoscopic techniques.”
- “This will help me to discuss the emerging new minimally invasive clinic options with my patients.”
- “The activity gave me tools for adequate planning in patients with deformity treated with minimally invasive spine surgery.”
- “Will help me improve post-op spine care.”
- “Added tricks for LLIF, more open to lumbar disc replacement.”

DON'T MISS:

Revisiting the MIS TLIF 20 Years Later

What Is the Future of Enabling Tech?

Controversies in Motion Preservation

Endoscopy: Endo Curious,
Implementing Endo, and
Why Endoscopy vs. Tubular?

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Invited Faculty

Chris Ames, MD

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Christopher Shaffrey, MD

Jian Shen, MD, PhD

Hardeep Singh, MD, MPH

William Taylor, MD

Nicholas Theodore, MD MS

Luis Tumialán, MD

Timur Urakov, MD

Juan Uribe, MD

Andrew Vivas, MD

Corey Walker, MD

Mike Wang MD, FACS

Doug Wetmore, MD

Theresa Williamson, MD

Chris Yeung, MD

Philip York, MD

Elizabeth Yu, MD

Faculty subject to change

Non-CME Cadaveric Lab



Saturday, September 7 *Moved to Saturday for 2024!*

The optional cadaveric lab offers two tracks to personalize your educational experience. The lab is not CME-accredited and is supported by various instrumentation companies. There will be a maximum of 5 registrants at each lab station for each rotation. Registrants will be contacted via email one month before the program to confirm details. Please register using your preferred email address to ensure you receive this information.

NEW This Year!

- Lower registration fee for residents & fellows
- Continue the conversation with faculty, corporate representatives, and fellow attendees at **Lab Happy Hour**, immediately following the day's rotations.

MISS Technologies

Test the latest instrumentation, planning software, navigation systems, and robotics in the OR—where it counts! Attendees will rotate through 4 stations to get hands-on time with multiple systems.

Endoscopic Techniques

Get a jump on the Endo learning curve! Following brief lectures by lab faculty, attendees will rotate through multiple stations to get hands-on time with different systems.

Registration

Surgeons: Members \$550 / Non-Members \$650

NEW! Residents & Fellows:
Members \$400 / Non-Members \$500

Registration includes transportation, lab materials, and meals and refreshments.

[Click Here for Schedule](#)

Young Surgeon Travel Grant



Applications Due

If you are a resident, fellow, or in your first 3 years of practice, apply today for a SMISS '24 Young Surgeon Travel Grant!

Choose your preferred path:

Option A: Attend at least two non-CME breakfast or lunch workshop events on Friday and Saturday and a networking dinner on Friday night.

Option B: Attend the MISS Cadaveric Lab Track on Saturday from 1:00 pm–7:30 pm. Complimentary lab registration provided.

Selected recipients who complete their designated path will receive a \$595 travel grant and free SMISS membership for 1 year.

[Apply Here](#)

Apply by June 28; notifications sent by July 12.



Submission Deadline

Call for Abstracts

Submit abstracts relating to current and emerging techniques and technology in MISS!

Residents, fellows, and surgeons less than 3 years Post-Fellowship are encouraged to submit abstracts for consideration for the Young Surgeon Session.

Visit www.smissmeeting.org to learn more.

Submission deadline: May 24;
notifications sent by July 12.

[Submit Here](#)

Scientific Program

THURSDAY, SEPTEMBER 5

Session 1: Revisiting the MIS TLIF 20 Years Later

5:00 pm–7:00 pm

Welcome & Introduction

My Walk Down Memory Lane with MI-TLIF—What Was Hard, What Has Changed and What Needs to Change

Looking Ahead—What Does the Future Hold for MI-TLIF

Perfecting the MI-TLIF

Maximizing Lordosis

Ensuring Fusion

Becoming Less Invasive?

TLIF in the ASC

Patient Selection

ESP Blocks & Principles of ERAS

The Awake TLIF

Concurrent Sessions 3 & 4: Free Papers

10:45 am–12:15 pm

12:15 pm–1:05 pm

Lunch with Exhibitors

Concurrent Session 5: What Is the Future of Enabling Tech? (Non-CME Session)

1:05 pm–2:30 pm

Robotics—How Far We Have Come

Robotics—Beyond Rigid Stereotaxy: A Call to Arms

Pre-Op Planning

AI and Big Data Analytics

Patient Specific Implants

Augmented Reality

Tech Update #1 & #2

Panel: Surgeons + Industry Execs. Future of Enabling Tech; Economics & Outpatient Settings; Partnering with Industry

2:30 pm

Refreshment Break with Exhibitors

Concurrent Session 6: Controversies in Motion Preservation (Non-CME Session)

1:05 pm–2:30 pm

Modern Arthroplasty: What we have learned

Arthroplasty: Have Indications Expanded?

Cervical

Lumbar

CDR: Should Patient Anatomy Determine Implant Choice?

Hybrid Constructs

Cervical

Lumbar

Tech Update #3 & #4

Debates

Cervical—Arthroplasty vs Fusion

Lumbar—Arthroplasty vs Fusion

2:30 pm

Refreshment Break with Exhibitors

FRIDAY, SEPTEMBER 6

7:30–8:20 am

Company Supported Non-CME Breakfast Workshops

Session 2: Lateral and Deformity

8:25 am–10:15 am

Lateral: This Is the Best Position

Lateral Position Trans-psoas

Prone Lateral

OLIF

Prone Lateral for Revision Surgery

What Are the Learning Curves Encountered in Lateral Surgery?

Factors to Consider When Deciding on Your Approach Side

Vascular Injuries and Bowel Injuries

Neuromonitoring in Anterolateral Lumbar Interbody Fusion—How Should We React to Signal Changes?

Deformity

Minimally Invasive vs. Maximally Effective

Addressing the Focal Problem vs. Correcting the Larger Deformity

Safety and Protocols: Overlap Between the Deformity and MIS Degen World?

10:15 am

Refreshment Break with Exhibitors

Scientific Program *continued*

Session 7: Presidential Address, Awards, and Keynote

3:00 pm–4:30 pm

Final Reports from 2022 SMISS Grant Award Recipients
 1-year Update from 2023 SMISS Grant Award Recipients
 Acknowledgement of 2024 Award Recipients
 2024 Traveling Fellowship Recap and Awards
 Presidential Address
 Keynote Address by Jereme Groopman—When Experts Disagree:
 A New Approach to Medical Decision Making

Session 8: Training the Next Generation of Spine Surgeons

4:30 pm–5:30 pm

Spine Training Should Be Combined During Residency!
 Spine Training Should Remain Separate Between Neurosurgery and Orthopaedic Surgery
 Why Is It So Important to Remain Active in Research and Societies (and Academics) Early in Practice—Is There a Blueprint for This?
 Learning New Techniques Early in Practice
 Building a Professional Social Media Footprint
 Taking Your Practice to an ASC—Early Considerations
 Preserving Our Own Mobility: Spine Health for MISS Surgeons

5:40 pm Course Reception with Exhibitors

SATURDAY, SEPTEMBER 7

7:30 am–8:20 am Company Supported Non-CME Breakfast Workshops

Session 9: Endoscopy

8:25 am–10:35 am

Endo Curious

I've Been Going to Courses for Years, But I Haven't Done Any Endoscopy—This Is Why
 You've Been Going to Courses For Years—This Is How (and Why) You Should Start Your Endoscopic Practice

Implementing Endoscopy

Uniportal—Why It's Worth It and How to Convince Your Hospital
 Biportal—Why It's Worth It and How to Convince Your Hospital
 Building an Endoscopic Program
 Measuring outcomes after Endoscopic surgery
 Tech Update #5 & #6

Session 9: Endoscopy (Continued)

Why Endoscopy? Why not Tubular?

Degen Spondy Indicated for Fusion

- Case Presentation
- Endoscopy
- Tubular

Soft Cervical Disc Indicated for a Foraminotomy

- Case Presentation
- Endoscopy
- Tubular

L4-L5 Central Stenosis

- Case Presentation
- Endoscopy
- Tube

L5-S1 Paracentral Disc Herniation

- Case Presentation
- Endoscopy
- Tube

Q&A

10:35 am Refreshment Break with Exhibitors

Concurrent Session 10 and 11: Free Papers

11:05 am–12:20 pm

12:20 pm Boxed Lunch Pick Up/Last Chance Exhibits Viewing/Lab Attendees Depart

Session 12: Complications/Fun Cases/Struggles

12:35 pm–2:25 pm

MIS Case Complication That Changed My Practice
 Management of MIS Durotomies
 Cervical Arthroplasty—Was a Bad Choice
 Chose Laminoplasty—Regretted It
 Expandable TLIF Cages—Pillar of MIS TLIF
 AR in Spine —The Future! Or Just a Pure Marketing Gimmick?
 Robots=Fancy Navigation—Don't Waste Your Money
 My Robot Broke—Should I Cancel the Case?
 Robots Will Replace Us Within 10 Years
 SPECT—Helps Decision Making
 Really Regretted This Case for The Boards
 Uniportal Or Biportal: How About NO Portal?
 Raffle Drawing, Closing Comments & Adjourn

1:00 pm–7:30 pm Optional Cadaveric Lab

FOLLOW SMISS ONLINE | Connect at www.smisssmeeting.org or any SMISS social media outlet.   

Registration

Scientific Program Registration Fees

| Registration Type | Early By August 5 | Onsite After August 5 |
|---------------------------------|--------------------------------------|--|
| Surgeon | \$775 (member) \$900 (non-member) | \$875 (member) \$1,000 (non-member) |
| Advance Practice Providers | \$425 (member) \$575 (non-member) | \$525 (member) \$675 (non-member) |
| Resident/Fellow/Medical Student | \$425 (member) \$575 (non-member) | \$525 (member) \$675 (non-member) |
| Surgeon-Emerging Country* | \$475 (member) \$575 (non-member) | \$475 (member) \$575 (non-member) |

*Practice in Lower or Lower-Middle Income Country as defined by the World Bank

Optional Cadaveric Lab Registration Fees

Lab registration is an optional add-on with Annual Forum scientific program registration. Includes transportation, lab materials, and refreshments.

Surgeons: Members \$550 / Non-Members \$650

NEW! Residents & Fellows:

Members \$400 / Non-Members \$500

[Register Here](#)

WHAT I FIND MOST VALUABLE
ABOUT THE SMISS PROGRAM IS...

“Unlike some of the large national meetings, this meeting felt rather “cozy” and allowed for better networking with attendees and faculty”

—2023 Attendee



Hotel Accommodations



 **LOCATION**
The Bellagio | 3600 S Las Vegas Blvd | Las Vegas, NV 89109



RESERVATIONS PROCEDURE

Make your reservations by:
August 2, 2024

[BOOK ONLINE HERE](#)

Or call toll-free: 888-987-6667



ROOM RATES*

Wednesday, September 4th and Thursday,
September 5th
Resort Room: \$189

Friday, September 6th and Saturday, September 7th
Resort Room: \$359

**plus taxes and daily resort fee*

The discounted rates may not be available after August 2nd or if our room block sells out. Please reserve your room early to ensure availability.



CME Information

Target Audience

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



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.
- Discuss evaluation, decision making, and MISS options for the management of spinal deformity, cervical and lumbar degenerative, trauma, and tumor conditions.
- Describe current best practices for various MISS emerging technologies including robotics and AI.
- Discuss healthcare economics in MISS, including ASCs and future technology.

Joint Providership

This program is jointly provided by Medical Education Resources, Inc. and SMISS.



JOINTLY ACCREDITED PROVIDER™
INTERPROFESSIONAL CONTINUING EDUCATION

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.

Physician Credit

MER designates this live activity for a maximum of 15 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 an ineligible company.

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.

WHAT I FIND MOST VALUABLE ABOUT THE SMISS PROGRAM IS...

“Excellent contributions all around— Impressive meeting!”
—2023 Attendee

For Information or Assistance

Society for Minimally Invasive Spine Surgery c/o BroadWater | (630) 681-1040 | cbesette@broad-water.com | www.smisssmeeting.org