



8th Annual MIS Spine Symposium

Saturday, July 23, 2022

AGENDA

- 7 a.m. **Breakfast, Exhibits & Registration**
- 7:30 a.m. **Welcome & Course Overview**
Rod Oskouian, M.D., Jr., Paul Park, M.D., & Christoph Hofstetter, M.D., Ph.D.
- 7:35 a.m. **Cutting Edge of LLIF Technology (pre-recorded)**
Richard A. Hynes, M.D.
Objectives:
- Identify ergonomics of the surgeon matter
 - Describe why simultaneous access to spine is key
 - Explain how to do each procedure in the best position
- 7:50 a.m. **Q & A**
- 7:55 a.m. **Incorporating Robotics into Simple & Complex MIS Cases (virtual)**
Martin Pham, M.D.
Objectives:
- Identify MIS cases for which robotics can be used
 - Describe robotic workflows to decrease the cognitive and physical load
 - Describe the “Robotic Culture”
- 8:10 a.m. **Q & A**
- 8:15 a.m. **Oblique Lateral Interbody Fusion (OLIF) vs. Lateral**
Neel Anand, M.D.
Objectives:
- Describe reasons why to go oblique
 - Explain why to try L5-S1
 - Summarize whether you need an access surgeon
- 8:30 a.m. **Q & A**
- 8:35 a.m. **Why Go Prone vs. Lateral (virtual)**
Luiz Pimenta, M.D., Ph.D.
Objectives:
- Summarize the indications associated with the prone transpsoas approach
 - Outline the steps of the prone transpsoas approach
 - Describe pearls & limitations for the prone transpsoas approach
- 8:50 a.m. **Q & A**
- 8:55 a.m. **MIS TLIF (virtual)**
Victor Chang, M.D.
Objectives:
- Provide pearls for the MIS TLIF
 - Outline the limitations of the MIS TLIF
- 9:10 a.m. **Q & A**

9:15 a.m.	<u>Live Demonstration Broadcast from BioSkills Lab No. 1</u> Tubular MIS TLIF <i>Neel Anand, M.D. & Jerry Robinson, M.D.</i> Objectives: <ul style="list-style-type: none"> • Demonstrate an MIS TLIF Tubular • Provide pearls for the MIS TLIF Tubular • Outline the limitations of the MIS TLIF Tubular procedure
9:45 a.m.	When to Use Iliac Fixation in the Setting of MIS Posterior Procedures <i>(virtual)</i> <i>Shane Burch, M.D.</i> Objectives: <ul style="list-style-type: none"> • Compare technique and indications of S2AI vs. Iliac screws • Describe when to place pelvic screws • Illustrate why you should fuse the SI joint
10 a.m.	Q & A
10:05 a.m.	Break & Exhibits <i>(not for CME credit)</i>
10:20 a.m.	<u>Live Demonstration Broadcast from BioSkills Lab No. 2</u> Prone Transpoas <i>Rod Oskouian, M.D., Jonathan Plümer, M.D. & Jared Cooke, D.O.</i> Objectives: <ul style="list-style-type: none"> • Demonstrate a prone corpectomy • Summarize the indications associated with a prone corpectomy • Describe pearls & limitations for a prone corpectomy
10:50 a.m.	Preferred Approaches for Adult Deformity: MIS, TLIF, Lateral or ALIF <i>Neel Anand, M.D.</i> Objectives: <ul style="list-style-type: none"> • Describe complications associated with MIS • Outline the lateral contraindications • Compare and contrast ALIF vs. TLIF
11:05 a.m.	Q & A
11:10 a.m.	Single-Stage Lumbo-Sacral Arthrodesis with Robotic Assistance <i>Timur Urakov, M.D.</i> Objectives: <ul style="list-style-type: none"> • Describe lessons learned from past robotic assisted cases • Outline reasons why to use a robot • Summarize the reasons to use single-stage
11:25 a.m.	Q & A
11:30 a.m.	Robotic MIS Deformity Surgery <i>(virtual)</i> <i>Isador Lieberman, M.D., M.B.A.</i> Objectives: <ul style="list-style-type: none"> • Outline the risks of robotic MIS deformity surgery • Explain the accuracy of using a robot for MIS deformity surgery • List potential complications of robotic MIS deformity surgery
11:45 a.m.	Q & A
11:50 a.m.	<u>Live Demonstration Broadcast from BioSkills Lab No. 3</u> Robotic-Assisted SI Joint Fusion <i>Paul Park, M.D. & Mauricio Avila, M.D.</i> Objectives: <ul style="list-style-type: none"> • Demonstrate MIS SI-joint fusion technique

12:20 p.m. **Lunch Break** (*not for CME credit*)

12:35 p.m. **Live Demonstration Broadcast from BioSkills Lab No. 4**
Anterior to Psoas (ATP)
Osama Kashlan, M.D. & Amanda Sacino, M.D.
Objectives:

- Demonstrate the ATP approach
- Provide pearls for the ATP approach

1:05 p.m. **Case Presentation: Spine Endoscopy**
Osama Kashlan, M.D.
Objectives:

- Discuss the indications associated with endoscopic spine surgery
- Outline the potential complications of endoscopic spine surgery
- Describe pearls and limitations for the endoscopic LIF

1:20 p.m. **Q & A**

1:25 p.m. **Endoscopic TLIF** (*virtual*)
Christoph Hofstetter, M.D., Ph.D.
Objectives:

- Discuss the indications of endoscopic TLIF
- Outline the steps of the endoscopic TLIF
- Describe pearls and preliminary outcomes following endoscopic TLIF

1:40 p.m. **Q & A**

1:45 p.m. **Live Demonstration Broadcast from BioSkills Lab No. 5**
Endoscopic TLIF
Osama Kashlan, M.D. & Zachary Tataryn, M.D.
Objectives:

- Demonstrate the endoscopic TLIF
- Provide pearls for the endoscopic TLIF
- Outline the limitations of the endoscopic TLIF

2:15 p.m. **Enhanced Diagnostics for MIS** (*virtual*)
Christoph Hofstetter, M.D., Ph.D.
Objectives:

- Advanced imaging modalities for decision-making in MIS
- Imaging pearls for planning MIS procedures
- When to get diagnostic blocks

2:30p.m. **Q&A**

2:35 p.m. **Panel Discussion: Too Many MIS LIFs: Which is Best?**
All Faculty
Moderator: Neel Anand, M.D.
Objectives:

- Outline the relative advantages of each type of MIS LIF
- Describe sub-optimal condition/indication for each MIS LIF technique

3:05 p.m.

Adjourn

Agenda SSF MIS 2022 V26.docx

Esteemed Faculty

Christoph Hofstetter, M.D., Ph.D. (virtual)

Course Co-Chair

Associate Professor

Fellowship Program Co-Director

Director of Spine Surgery

University of Washington Medical Center

Seattle, Washington

Rod J. Oskouian, Jr., M.D., FAANS

Course Co-Chair

Chief of Spine

Swedish Neuroscience Institute

Seattle, Washington

Paul Park, M.D.

Course Co-Chair

Director, Neurosurgery Spine Program

Professor, Neurological & Orthopaedic Surgery

University of Michigan

Ann Arbor, Michigan

Neel Anand, M.D.

Director of Spine Trauma

Cedars-Sinai Medical Center

Los Angeles, California

Shane Burch, M.D. (virtual)

Professor in Residence, Dept. of Orthopaedic Surgery

University of California, San Francisco

San Francisco, California

Victor Chang, M.D. (virtual)

Neurosurgeon

Henry Ford Health System

West Bloomfield, Michigan

Richard A. Hynes, M.D. (pre-recorded)

President & Spine Surgeon

The B.A.C.K. Center

Melbourne, Florida

Osama Kashlan, M.D., M.P.H.

Clinical Assistant Professor

Neurological & Orthopaedic Surgery

University of Michigan

Ann Arbor, Michigan

Isador Lieberman, M.D., M.B.A. (virtual)

Orthopaedic Spine Surgeon

Texas Back Institute

Plano, Texas

Martin H. Pham, M.D. (virtual)

Associate Professor

University of California San Diego

San Diego, California

Luiz Pimenta, M.D., Ph.D. (virtual)

Neurosurgeon

Director, Instituto de Patologia da Coluna

Sao Paulo, Brazil

Timur Urakov, M.D.

Neurosurgeon

University of Miami

Miami, Florida

Surgical Demonstrations Supported by Swedish Neuroscience Institute Fellows

Mauricio Avila, M.D., Jared Cooke, D.O., Jonathan Plümer, M.D.,

Jerry Robinson, M.D., Amanda Sacino, M.D. & Zachary Tataryn, M.D.