



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. **Surgeon Single Position Lateral Surgery (working lunch)**
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**
Laura Snyder, M.D.
Objectives:
- Identify MIS cases for which robotics can be used
 - Describe robotic workflows to decrease cognitive and physical load
 - Describe the “Robotic Culture”
- 8:10 a.m. **Q & A**
- 8:15 a.m. **When to Use Iliac Fixation in the Setting of MIS Posterior Procedures (virtual)**
Shane Burch, M.D.
Objectives:
- Compare and contrast S2AI vs. Iliac screws
 - Describe when to place pelvic screws
 - Illustrate why you should fuse the SI joint
- 8:30 a.m. **Q & A**
- 8:35 a.m. **Robotic MIS Deformity Surgery**
Isador Lieberman, M.D., M.B.A.
Objectives:
- 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
- 8:50 a.m. **Q & A**

8:55 a.m. **Live Demonstration Broadcast from BioSkills Lab No. 1**

Prone Lateral

Rod J. Oskouian, Jr., M.D. & Luis Pimenta, M.D., Ph.D.

Objectives:

- Demonstrate a prone lateral with posterior MIS fixation
- Provide pearls for the prone lateral procedure
- Outline the limitations of the prone lateral procedure

9:25 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

9:40 a.m. **Q & A**

9:45 a.m. **Prone Lateral**

William Taylor, M.D.

Objectives:

- Summarize the indications associated with the prone lateral approach
- Outline the steps of the prone lateral approach
- Describe pearls & limitations for the prone lateral approach

10 a.m. **Q & A**

10:05 a.m. **Break & Exhibits** (*not for CME credit*)

10:20 a.m. **Live Demonstration Broadcast from BioSkills Lab No. 2**

Prone Corpectomy

William Taylor, M.D.

Objectives:

- Demonstrate a prone corpectomy
- Summarize the indications associated with a prone corpectomy
- Describe pearls & limitations for a prone corpectomy

10:50 a.m. **Enhanced Imaging for MIS**

Christoph Hofstetter, M.D., Ph.D.

Objectives:

- TBD

11:05 a.m. **Q & A**

11:10 a.m. **Sacroiliac Joint Dysfunction: Real or Not?**

Timur Urakov, M.D.

Objectives:

- Describe the pathogenesis of sacroiliac joint dysfunction
- Outline treatment options for sacroiliac joint dysfunction

11:25 a.m. **Q & A**

11:30 a.m.	<p><u>Live Demonstration Broadcast from BioSkills Lab No. 3</u> Robotic-Assisted SI Joint Fusion <i>Paul Park, M.D.</i> Objectives:</p> <ul style="list-style-type: none"> • Demonstrate MIS SI-joint fusion technique • Outline the indications and risks of the MIS SI joint fusion technique • Show the benefits of robotics in SI-joint fusion
12 p.m.	Break, Exhibits, Change into Scrubs & Pick-Up Lunch (<i>not for CME credit</i>)
12:15 p.m.	<p>TBD (<i>working lunch</i>) <i>Amir Abdul-Jabbar, M.D.</i> Objectives:</p> <ul style="list-style-type: none"> • TBD
12:30 p.m.	Q & A
12:35 p.m.	<p>MIS TLIF (<i>virtual</i>) <i>Victor Chang, M.D.</i> Objectives:</p> <ul style="list-style-type: none"> • TBD
12:50 p.m.	Q & A
12:55 p.m.	<p><u>Live Demonstration Broadcast from BioSkills Lab No. 4</u> MIS TLIF <i>Laura Snyder, M.D.</i> Objectives:</p> <ul style="list-style-type: none"> • Demonstrate the MIS TLIF • Provide pearls for the MIS TLIF • Outline the limitations of the MIS TLIF
1:25 p.m.	<p>Endoscopic LIF <i>Christoph Hofstetter, M.D., Ph.D.</i> Objectives:</p> <ul style="list-style-type: none"> • Discuss the indications associated with endoscopic LIF • Outline the steps of the endoscopic LIF • Describe pearls and limitations for the endoscopic LIF
1:40 p.m.	Q & A
1:45 p.m.	<p>Case Presentation: Spine Endoscopy <i>Osama Kashlan, M.D.</i> Objectives:</p> <ul style="list-style-type: none"> • Discuss the indications associated with endoscopic spine surgery • Outline the potential complications of endoscopic spine surgery • Describe pearls and limitations for the endoscopic LIF
2 p.m.	Q & A

2:05 p.m.	<p><u>Live Demonstration Broadcast from BioSkills Lab No. 5</u> Endoscopic LIF <i>Christoph Hofstetter, M.D., Ph.D.</i> Objectives:</p>
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2:35 p.m. **Preferred Approaches for Adult Deformity: MIS, TLIF, Lateral or ALIF**

Neel Anand, M.D.

Objectives:

- Describe complications associated with MIS
- Outline the lateral contraindications
- Compare and contrast ALIF vs. TLIF

2:50 p.m. **Q&A**

2:55 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 suboptimal condition/indication for each MIS LIF technique

3:20 p.m. **Transition to BioSkills Lab** (*not for CME credit*)

3:30 p.m. **Hands-On BioSkills Lab** (*20-minute rotations for 5 stations*)

All Faculty

1. Prone corpectomy
2. Robotic-assisted SI joint fusion
3. MIS TLIF
4. Endoscopic LIF
5. Prone lateral

Objectives:

- Practice the following procedures:
 - Prone corpectomy
 - Robotic-assisted SI joint fusion
 - MIS TLIF
 - Endoscopic LIF
 - Prone lateral

5:30 p.m. **Adjourn**

Esteemed Faculty

Christoph Hofstetter, M.D., Ph.D.
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
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Ann Arbor, Michigan

Amir Abdul-Jabbar, M.D.
Orthopedic Spine Surgeon
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Neel Anand, M.D.
Director of Spine Trauma
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Shane Burch, M.D. (virtual)
Professor in Residence, Dept. of Orthopaedic Surgery
University of California, San Francisco
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Victor Chang, M.D. (virtual)
Neurosurgeon
Henry Ford Health System
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Richard A. Hynes, M.D.
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William Taylor, M.D.
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