



**7th Annual SSF Robotics Course
aka “Everything Cool in Spine Surgery”
Saturday, December 10, 2022**

AGENDA

- 7 a.m. **Registration & Breakfast**
- 7:30 a.m. **Welcome, Introductions, Course Overview**
Doniel Drazin, M.D., Isador Lieberman, M.D., J. Patrick Johnson, M.D. & Jens R. Chapman, M.D.
- 7:35 a.m. **Live Demonstration Broadcast from BioSkills Lab No. 1**
Nuances of Pre-Operative Planning
Isador Lieberman, M.D.
- 7:55 a.m. **Q & A**
- 8 a.m. **Robotic-Assisted Thoracolumbar Deformity Correction**
Terrence Kim, M.D.
- 8:15 a.m. **Q & A**
- 8:20 a.m. **Expanding the Frontiers of Robotic-Assisted Surgery**
Timur Urakov, M.D.
- 8:35 a.m. **Q & A**
- 8:40 a.m. **Minimally Invasive Robotic-Assisted Single Position Surgery**
Martin Pham, M.D.
- 8:55 a.m. **Q & A**
- 9 a.m. **Live Demonstration Broadcast from BioSkills Lab No. 2**
Robotic Single Position Oblique L4-S1 Fusion
Martin Pham, M.D.
- 9:30 a.m. **Q & A**
- 9:35 a.m. **Pearls and Pitfalls of Robotic-Assisted Surgeries**
Moderator: Doniel Drazin, M.D.
Isador Lieberman, M.D., Terrence Kim, M.D., Martin Pham., M.D. & J. Patrick Johnson, M.D.
- 10:05 a.m. **Q & A**
- 10:10 a.m. **Break & Visual Virtual Exhibits (not for CME Credit)**
- 10:25 a.m. **Live Demonstration Broadcast from BioSkills Lab No.3**
FLASH Navigation with 7D Technology
TBD
- 10:55 a.m. **How Does One Decide Between Robotics and Navigation**
Chester Donnally, M.D.

11:10 a.m. **Q & A**

11:15 a.m. **Live Demonstration Broadcast from BioSkills Lab No.4**
Robotic-Assisted Cervical Spine Surgery
Andrew Manista, M.D.

11:35 a.m. **Q & A**

11:40 a.m. **Robotic-Assisted Cervical Pedicle Screws**
Isador Lieberman, M.D.

11:55 a.m. **Q & A**

12 p.m. *End of CME Accredited Content*

12 p.m. **Lunch Break & Exhibits**

12:30 p.m. **Technology Lab Interviews**
Doniel Drazin, M.D.

12:45 p.m. **MIS Spine Surgery Using VUELIF-T Technology**
Christoph Hofstetter, M.D., Ph.D.

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

1:05 p.m. **Medacta: Augmented Reality Surgical Navigation & Demonstration**
TBD

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

1:25 p.m. **Medivis: Augmented Reality Surgical Navigation & Demonstration**
TBD

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

1:45 p.m. **Live Demonstration Broadcast from Bioskills Lab No.5**
BrainLab: The Robotic Suite
TBD

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

2:05 p.m. **Surgalign: HOLO Portal™ Surgical Guidance**
TBD

2:20 p.m. **Q & A**

2:25 p.m. **Break & Transition to BioSkills Lab**

2:40 p.m. **Hands-On BioSkills Lab**
All Faculty

Practice the following procedures/techniques:

- Navigation in cervical spine surgery; Robotic spine surgery
- Augmented-reality surgical navigation; MIS navigated screws
- Integrating neuromonitoring and navigation; Image-guided open navigation platform
- Endoscopic spine surgery

3:50 p.m. **Course Wrap-up**

Doniel Drazin, M.D.

4 p.m.

Adjourn

Agenda SSF Robotics 2022 V6.docx

DISTINGUISHED FACULTY

J. Patrick Johnson, M.D.
Course Co-Chair
Co-Medical Director, Spine Center
Vice Chair, Neurosurgery
Cedars-Sinai Medical Center
Los Angeles, California

Isador Lieberman, M.D.
Course Co-Chair
Orthopaedic Spine Surgeon
Texas Back Institute
Plano, Texas

Doniel Drazin, M.D.
Course Co-Chair
Neurosurgeon
Seattle, Washington

Jens R. Chapman, M.D.
Course Co-Chair
Complex Spine Surgeon
Swedish Neuroscience Institute
Seattle, Washington

Chester Donnally, M.D.
Minimally Invasive & Complex Spine Surgeon
Texas Spine Consultants
Addison, Texas

Terrence Kim, M.D.
Co-Director of Education & Spine Fellowship Program
Assistant Professor Department of Orthopaedics
Cedars-Sinai Medical Center
Los Angeles, California

Martin H. Pham, M.D.
Associate Professor
University of California San Diego
San Diego, California

Christoph Hofstetter, M.D., Ph.D.
Associate Professor of Neurological Surgery
University of Washington
Seattle, Washington

Andrew Manista, M.D.
Orthopaedic Surgeon
Olympia Orthopaedic Associates
Olympia, Washington

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., Jim Hicks, M.D., Amanda Sacino, M.D., Ph.D.,
Abraham Schlauderaff, M.D., & Christopher Seidel, D.O.