



## 14<sup>th</sup> Annual SSF Spine Residents & Fellows Course

August 11 – 12, 2023  
at the Seattle Science Foundation

### Agenda

#### Friday, August 11, 2023 Lectures and Live Lab Demonstrations

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| 7 a.m.     | <b>Registration &amp; Breakfast</b>  |
| 7:15 a.m.  | <b>Welcome Course Overview &amp; Seattle Science Foundation Overview</b><br><i>Charles A. Sansur, M.D., Jens R. Chapman, M.D., &amp; Rod Oskouian, Jr., M.D., &amp; D. Kojo Hamilton, M.D.</i> |
| 7:25 a.m.  | <b>Complication Avoidance, Pearls of MIS Surgery (virtual)</b><br><i>Roger Härtl, M.D.</i>   |
| 7:45 a.m.  | <b>Lab Demonstration No. 1</b><br><b>Odontoid Screws</b><br><i>Rod J. Oskouian, Jr., M.D.</i>  |
| 8:15 a.m.  | <b>Creating the Business of Spine Surgery Between Surgeon-Run Enterprise (virtual)</b><br><i>Scott Becker, J.D.</i>  |
| 8:35 a.m.  | <b>Lab Demonstration No. 2</b><br><b>Posterior Cervical</b><br><i>Arjun Sebastian, M.D.</i>  |
| 9:05 a.m.  | <b>Group Photo (meet in SSF lobby)</b>   |
| 9:20 a.m.  | <b>Surgical Management of Spine Tumors (virtual)</b><br><i>Daniel M. Sciubba, M.D., M.B.A.</i>   |
| 9:40 a.m.  | <b>Lab Demonstration No. 3</b><br><b>C1-C2 Fixation</b><br><i>Jens R. Chapman, M.D.</i>  |
| 10:10 a.m. | <b>Robotics &amp; Spine Surgery</b><br><i>Richard Chua, M.D.</i>   |

10:30 a.m.      **Advanced Lateral Approaches to the Spine**  
*Juan S. Uribe, M.D.*

10:50 a.m.      **Break & Exhibits**

11 a.m.          **Lab Demonstration No. 4**  
**Sacroiliac Joint Fusion**  
*William Cross, M.D.*

11:30 a.m.      **Lunch Break & Exhibits**

11:55 a.m.      **Sacropelvic Fixation: Indications, Advanced Techniques, & Salvage Strategies**  
*Kristen Jones, M.D.*

12:15 p.m.      **Lab Demonstration No. 5**  
**Sacral Pelvic Techniques**  
*Charles A. Sansur, M.D., MHSc*

12:45 p.m.      **Prone Transposas (PTP) is not Prone Lateral**  
*Luiz Pimenta, M.D., Ph.D.*

1:05 p.m.       **Lab Demonstration No. 6**  
**Thoracolumbar Junction**  
*Juan S. Uribe, M.D.*

1:35 p.m.       **SI Joint Pain**  
*Charles A. Sansur, M.D., MHSc*

1:55 p.m.       **Lab Demonstration No. 7**  
**Tips & Tricks for MIS Thoracic Screw Placement**  
*David L. Skaggs, M.D., MMM*

2:25 p.m.       **Open TIFS: Tips & Tricks**  
*Arjun Sebastian, M.D.*

2:45 p.m.       **Break & Exhibits**

3 p.m.           **Lab Demonstration No. 8**  
**Robotic Placement of Pedicle Screws**  
*Richard Chua, M.D.*

3:30 p.m.       **Avoiding Over-Use Injury Through Enabling Technologies**  
*David L. Skaggs, M.D., MMM*

3:50 p.m.      **Lab Demonstration No. 10**  
**Prone Lateral Interbody Fusion**  
*Luiz Pimenta, M.D., Ph.D.*

4:20 p.m.      **Spinal Cord Injury Research: A History of Misfortune**  
*James S. Harrop, M.D.*

4:40 p.m.      **Lab Demonstration No. 9**  
**Single Position Surgery with Navigated Interbody with Robot**  
*J. Patrick Johnson, M.D.*

5:10 p.m.      **Adjourn. Walk to Residents & Fellows Dinner Party.**

5:30-7:30 p.m.      ***The Garage* for Dinner, Billiards & Bowling *sponsored by Integra***  
1130 Broadway, Seattle 98122

**Saturday, August 12, 2023**  
**Lectures and Hands-on BioSkills Lab**

7 a.m.      **Breakfast, Exhibits & Change into Scrubs**

7:30 a.m.      **Essentials of Adult Spinal Deformity** *(virtual)*  
*Jay Turner, M.D., Ph.D.*

7:50 a.m.      **Spinal Navigation**  
*J. Patrick Johnson, M.D.*

8:10 a.m.      **SIJ Disease: The Eye Only Sees What the Mind Knows?**  
*William Cross III, M.D.*

8:30 a.m.      **Break, Exhibits & Change into Scrubs**

8:45 a.m.      **Developing & Leading a High Functioning Surgical Team**  
*David L. Skaggs, M.D., MMM*

9:05 a.m.      **Cervical Thoracic Kyphosis: Surgical Approach, Complications & Management**  
*Jens R. Chapman, M.D.*

9:25 a.m.      **Proximal Junctional Kyphosis: Prevention, Incidence & Avoidance**  
*Charles A. Sansur, M.D., MHSc*

9:45 a.m.      **Break, Exhibits & Change into Scrubs**

10:05 a.m.      **MIS: Benefits and Limitations**  
*Amir Abdul-Jabbar, M.D.*

- 10:25 a.m.      **Cervical Thoracic Junction**  
*Jens R. Chapman, M.D.*
- 10:45 a.m.      **Cervical Deformity and Its Implications on Spinal Balance**  
*D. Kojo Hamilton, M.D.*
- 11:05 a.m.      **Management of Spinal Disorders in Athletes (virtual)**  
*David Okonkwo, M.D., Ph.D.*
- 11:25 a.m.      **Intraoperative Complication Management**  
*Elizabeth Lord, M.D.*
- 11:45 a.m.      **Break, Exhibits & Lunch**
- 12:10 p.m.      **The Ten Commandments of Spine Surgery**  
*Jens R. Chapman, M.D.*
- 12:30 p.m.      **Break, Change into Scrubs and Transition to Hands-on BioSkills Lab**
- 12:40 p.m.      **Hands-on BioSkills Lab** (Six - 40 minute rotations)  
**Moderator:** *Rod J. Oskouian, Jr., M.D.*

**Station 1a**

**Robotics & MIS Navigated Screws**

*Charles A. Sansur, M.D., MHSc &  
J. Patrick Johnson, M.D.*

**Station 2a**

**Posterior Cervical**

*Jens R. Chapman, M.D. &  
James S. Harrop, M.D.*

**Station 3**

**Lateral Approaches to the Spine**

*Luiz Pimenta, M.D., Ph.D. &  
Juan S. Uribe, M.D.*

**Station 5a**

**Thoracolumbar Techniques**

*Amir Abdul-Jabbar, M.D. &  
Elizabeth Lord, M.D.*

**Station 1b**

**Robotics & MIS Navigated Screws**

*Richard Chua, M.D. &  
Arjun Sebastian, M.D.*

**Station 2b**

**Posterior Cervical**

*Rod J. Oskouian, Jr., M.D. &  
D. Kojo Hamilton, M.D.*

**Station 4**

**Lumbar Pelvic Fixation with  
SI Joint Screws**

*William Cross, III, M.D.*

**Station 5b**

**Thoracolumbar Techniques**

*David Skaggs, M.D., MMM*

- 4:30 p.m.      **Adjourn**

## **DISTINGUISHED FACULTY**

### **COURSE CHAIRMEN**

**Jens R. Chapman, M.D.**

Complex Spine Surgeon  
Swedish Neuroscience Institute  
Seattle, Washington

**D. Kojo Hamilton, M.D.**

Professor, Neurological Surgery  
Program Director, Neurological Surgery Residency  
University of Pittsburgh  
Pittsburgh, Pennsylvania

**David O. Okonkwo, M.D., Ph.D. (virtual)**

Professor, Neurological Surgery  
University of Pittsburgh  
Pittsburgh, Pennsylvania

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

Chief of Spine  
Swedish Neuroscience Institute  
Seattle, Washington

**Charles A. Sansur, M.D., MHSc**

Professor, Neurosurgery and Orthopaedic Surgery  
Program Director and Vice-Chair of Neurosurgery  
University of Maryland  
Baltimore, Maryland

**Amir Abdul-Jabbar, M.D.**

Orthopaedic Surgeon  
Swedish Neuroscience Institute  
Seattle, Washington

**Scott Becker, J.D. (virtual)**

Partner  
McGuire Woods  
Chicago, Illinois

**Richard Chua, M.D., FAANS, FACS**

Professor of Neurosurgery  
Director, Minimally Invasive Spine  
Surgery & Spinal Robotics  
Banner Health  
Tucson, Arizona

**William Cross III, M.D.**

Associate Professor  
Mayo Clinic  
Rochester, Minnesota

**James S. Harrop, M.D.**

Chief, Division of Spine & Peripheral Nerve Surgery  
Jefferson University Hospitals  
Philadelphia, Pennsylvania

**Roger Härtl, M.D. (virtual)**

Professor of Neurological Surgery  
Weill Cornell  
New York, New York

**J. Patrick Johnson, M.D.**

Director of the Institute for Spinal Disorders  
Director of Education and Co-Director of the Spine Stem  
Cell Research Program  
Cedars-Sinai Medical Center  
Los Angeles, California

**Kristen Jones, M.D.**

Assistant Professor  
University of Minnesota  
Minneapolis, Minnesota

**Elizabeth Lord, M.D.**

Assistant Professor of Orthopaedic & Neurosurgery  
University of California, Los Angeles  
Santa Monica, California

**Luiz Pimenta, M.D., Ph.D.**

Director  
Instituto de Patologia da Coluna  
Sao Paulo, Brazil

**Daniel M. Sciubba, M.D., M.B.A. (virtual)**  
Sr. VP of Neurosurgery, Northwell Health  
Chair of Neurosurgery, North Shore University Hospital  
& Long Island Jewish Medical Center  
Co-Director, Institute for Neurology & Neurosurgery,  
Northwell Health  
Great Neck, New York

**Arjun Sebastian, M.D.**  
Orthopaedic Spine Surgeon  
Mayo Clinic  
Rochester, Minnesota

**David L. Skaggs, M.D., MMM**  
Co-Director Spine Center  
Exec Vice-Chair of Orthopaedics  
Cedars-Sinai Medical Center  
Los Angeles, California

**Jay Turner, M.D., Ph.D. (virtual)**  
Neurosurgeon Surgery  
Barrow Neurological Institute  
Phoenix, Arizona

**Juan S. Uribe, M.D., FAANS**  
Professor of Neurosurgery  
Chief Division of Spinal Disorders  
Barrow Neurological Institute  
Phoenix, Arizona

**Surgical Demonstrations Supported by Swedish Neuroscience Institute Fellows.**