



12th Annual SSF Spine Residents & Fellows Course
August 6 – 7, 2021
at the Seattle Science Foundation

Agenda

Friday, August 6, 2021
Lectures and Live Lab Demonstrations

- 6:45 a.m. **Travel to Seattle Science Foundation**
- 7 a.m. **Registration & Breakfast**
- 7:15 a.m. **Welcome Course Overview & Seattle Science Foundation Overview**
Charles A. Sansur, M.D., Jens R. Chapman, M.D., & Rod Oskouian, Jr., M.D.
- 7:25 a.m. **Complication Avoidance, Pearls of MIS Surgery (via broadcast)**
Roger Härtl, M.D.

- 7:45 a.m. **Lab Demonstration No. 1**
The ABC's of Spinal Decompression
Jens R. Chapman, M.D. & Zachary Tataryn, M.D.

- 8:15 a.m. **Surgical Management of Spine Tumors (via broadcast)**
Ehud Mendel, M.D.

- 8:35 a.m. **Lab Demonstration No. 2**
Intradiscal Osteotomy with Expandable Cages
Rod J. Oskouian, Jr., M.D. & Jared Cooke, D.O.

- 9:05 a.m. **Group Photo (meet in SSF lobby)**
- 9:20 a.m. **The Seven Ages of a Spine Surgeon (via broadcast)**
Michael Wang, M.D.

- 9:40 a.m. **Lab Demonstration No. 3**
Prone Lateral Interbody Fusion
Luiz Pimenta, M.D., Ph.D. & Nathan Pratt, M.D.

- 10:10 a.m. **Failed Back Syndrome**
Charles A. Sansur, M.D., MHSc
- 10:30 a.m. **Fantasy and Advances in Pediatric Spine Surgery: Hard Look at New Technology** *(via broadcast)*
David L. Skaggs, M.D., MMM
- 10:50 a.m. **Break & Exhibits**
- 11 a.m. **Lab Demonstration No. 4**
Anterior Cervical Corpectomy
Kai-Ming Fu, M.D., Ph.D. & Jerry Robinsons, M.D.
- 11:30 a.m. **Lateral Approaches to the Spine**
Juan S. Uribe, M.D.
- 11:50 a.m. **Break, Exhibits & Pick Up Lunch**
- 12:10 a.m. **Lab Demonstration No. 5** *(working lunch)*
Tips & Tricks for MIS Thoracic Screw Placement
Amir Abdul-Jabbar, M.D. & Yev Freyvert, M.D.
- 12:40 p.m. **Cervical Deformity Pearls and Pitfalls** *(via broadcast)*
D. Kojo Hamilton, M.D.
- 1 p.m. **Lab Demonstration No. 6**
Robotic Placement of Pedicle Screws
Noojan Kazemi, M.D. & Periklis Godolias, M.D.
- 1:30 p.m. **Jack's Back: JFK's History of Failed Back Surgery Syndrome**
Robert Hart, M.D.
- 1:50 p.m. **Lab Demonstration No. 7**
C1, C2 Pedicle Screws
Charles A. Sansur, M.D., MHSc & Jerry Robinson, M.D.
- 2:20 p.m. **Single Position OLIF with Robotics** *(via broadcast)*
Martin H. Pham, M.D.
- 2:40 p.m. **Break & Exhibits**

3 p.m. **Lab Demonstration No. 8**
Navigated Lateral Applications
Juan S. Uribe, M.D. & Jared Cooke, D.O.

3:30 p.m. **MIS Scoliosis Surgery: Treatment Goals & Advanced Technologies**
David O. Okonkwo, M.D., Ph.D.

4 p.m. **Adjourn**

Saturday, August 7, 2021
Lectures and Hands-on BioSkills Lab

6:45 a.m. **Travel to Seattle Science Foundation**

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

7:30 a.m. **Cervical Deformity: Classification and Management** *(via broadcast)*
Han-Jo Kim, M.D.

7:50 a.m. **Modern Management of Spinal Cord Injuries**
David O. Okonkwo, M.D., Ph.D.

8:10 a.m. **Lumbar Spinal Fusions: Is Evidence Based Medicine (EBM) Science or Nonsense?** *(via broadcast)*
James S. Harrop, M.D.

8:30 a.m. **Break & Exhibits**

8:45 a.m. **Addressing Balance Using Less Invasive Means**
Kai-Ming Fu, M.D., Ph.D.

9:05 a.m. **Mid-Cervical Kyphosis: Analysis and Decision Making Based on Clinical and Radiographic Imaging** *(via broadcast)*
Isaac Karikari, M.D.

9:25 a.m. **Biomechanical and Clinical Considerations in Lumbopelvic Fixation: Where Are We Now?** *(via broadcast)*
Bryan W. Cunningham, Ph.D.

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

10:10 a.m. **Post-Operative Spine Imaging: The Good, the Bad, the Ugly**
Marc D. Moisi, M.D.

10:30 a.m. **Pearls of Lateral Surgery**
Rod J. Oskouian, Jr. M.D.

10:50 a.m. **Biomechanics of Spinal Instrumentation**
Noojan Kazemi, M.D.

- 11:10 a.m. **The Myth of Medically Unexplained Symptoms (MUS)**
David Hanscom, M.D.
- 11:30 a.m. **Prone Transposas (PTP) is not Prone Lateral**
Luiz Pimenta, M.D., Ph.D.
- 11:50 a.m. **Break & Pick Up Lunch**
- 12 p.m. **The Ten Commandments of Spine Surgery** (*working lunch*)
Jens R. Chapman, M.D.
- 12:20 p.m. **Hands-on BioSkills Lab** (*4 stations x 45 minute rotations*)

Station 1a
Cervical Spine
Charles A. Sansur, M.D., MHSc

Station 1b
Cervical Spine
Marc D. Moisi, M.D. & Jens R. Chapman, M.D.

Station 2a
MIS Thoracic & Lumbar Screws
Amir Abdul-Jabbar, M.D.

Station 2b
Robotics & MIS Navigated Screws
Noojan Kazemi, M.D.

Station 3a
Lateral Approaches to the Spine
Luiz Pimenta, M.D., Ph.D.

Station 3b
Lateral Approaches to the Spine
David O. Okonkwo, M.D., Ph.D. & Juan Uribe, M.D.

Station 4a
Thoracolumbar Techniques
Rod J. Oskouian, Jr., M.D. & David Hanscom, M.D.

Station 4b
Thoracolumbar Techniques
Kai-Ming Fu, M.D., Ph.D.

3:20 p.m. **Adjourn**

Esteemed Faculty

COURSE CHAIRMEN

Rod J. Oskouian Jr., M.D.
Chief of Spine
Swedish Neuroscience Institute
Seattle, Washington

Jens R. Chapman, M.D.
Complex Spine Surgeon
Swedish Neuroscience Institute
Seattle, Washington

D. Kojo Hamilton, M.D. (virtual)
Associate Professor, Neurosurgery
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Amir Abdul-Jabbar, M.D.
Orthopaedic Surgeon
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Roger Härtl, M.D. (virtual)
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Bryan W. Cunningham, Ph.D. (virtual)
Director, MedStar Health Musculoskeletal
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Isaac Karikari, M.D. (virtual)
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Neurosurgeon
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Kai-Ming Fu, M.D., Ph.D.
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Noojan Kazemi, M.D.
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David L. Skaggs, M.D., MMM (virtual)
Co-Director Spine Center, Exec Vice-Chair
of Orthopaedics,
Cedars-Sinai Medical Center
Los Angeles, California

David Hanscom, M.D.
Orthopedic Complex Spinal
Deformity Surgeon
Founder, Vertus, Inc.
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Han-Jo Kim, M.D. (virtual)
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James S. Harrop, M.D. (virtual)
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