



7th Annual Spinal Deformity Symposium
Saturday, October 29, 2022
at the Seattle Science Foundation

AGENDA

8 a.m. **Registration & Breakfast**

8:25 a.m. **Welcome & Course Overview**
Robert A. Hart, M.D.

8:30 a.m. **Keynote Talk**
Complications of Cervical Spine Deformity Surgery
Douglas Burton, M.D.

Objectives:

- Describe the risk factors for the occurrence of complications in adult cervical deformity surgery (ACDS)
- Identify the types and rates of occurrence of complications ACDS
- Illustrate the techniques for complication prevention in ACDS

8:45 a.m. **Q & A**

8:50 a.m. **Live Demonstration Broadcast from BioSkills Lab No.1**

Lateral Interbody Fusion

Amir Abdul-Jabbar, M.D.

Objectives:

- Demonstrate a lateral interbody fusion
- Outline potential complications of lateral approaches and how to avoid them

9:20 a.m. **Flat Back Syndrome (virtual)**
Alan Daniels, M.D.

Objectives:

- Describe the etiology and natural history flatback syndrome
- Analyze the radiologic findings including spinopelvic, global and regional sagittal parameters related to flatback syndrome
- Identify modern treatment techniques for flatback syndrome

9:35 a.m. **Q & A**

9:40 a.m. **Rod Fracture Avoidance with MoRe Alloy**
Stephen Enguidanos, M.D.

Objectives:

- Identify the first FDA approved alloy for use in medical devices in over 40 years
- Describe complex deformity using molybdenum rhenium (MoRe) alloy

9:55 a.m. **Q & A**

10a.m. **Live Demonstration Broadcast from BioSkills Lab No.2**
Intradiscal Osteotomy

Rod J. Oskouian Jr., M.D.

Objectives:

- Demonstrate an intradiscal osteotomy
- Outline expected lordosis from intradiscal osteotomy

10:30 a.m. **Break & Exhibits** *(not for CME credit)*

10:45 a.m. **Complications of Three Column Osteotomy** *(virtual)*

Khaled M. Kebaish, M.D., M.S.

Objectives:

- Describe the most common complications of 3CO
- Identify pearls to minimize these complications and learn how to deal with them when they occur

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

11:05 a.m. **Proximal Junction Failure (PJF)**

Robert Hart, M.D.

Objectives:

- Identify criteria driving revision surgery when PJF occurs
- Implement prophylactic means of reducing PJF

11:20 a.m. **Q & A**

11:25 a.m. **Live Demonstration Broadcast from BioSkills Lab No. 3**
Dual Pelvic Screw Placement

Eric Klineberg, M.D.

Objectives:

- Demonstrate dual pelvic screw placement
- Describe technique for placement of dual pelvic screws for long posterior constructs

11:55 a.m. **Break & Pick Up Lunch** *(not for CME credit)*

12:05 p.m. **Functional Limitations Due to Stiffness After Lumbar & Cervical Fusion** *(working lunch)*

Amir Abdul-Jabbar, M.D.

Objectives:

- Outline functional impacts of stiffness on patients undergoing extended lumbar fusions
- Describe the functional impacts of stiffness on patients undergoing extended cervical fusions

12:20 p.m. **Q & A**

12:25 p.m. **Complications of Pediatric Spine Surgery**

J. Ivan Krajbich, M.D.

Objectives:

- Recognize the spectrum of etiologies of pediatric spinal deformities and their relationship to complication risks
- Identify the type and incidence of complications in pediatric spine surgery
- Demonstrate what we know about the best practice recommendations in pediatric spine surgery

12:40 p.m. **Q & A**

12:45 p.m. **Live Demonstration Broadcast from BioSkills Lab No.4**
Quad Rod Constructs: Satellite & Outrigger Constructs

Douglas Burton, M.D.

Objectives:

- Demonstrate technique for using satellite rods
- Describe techniques for quad-rod constructs

1:15 p.m. **Clinical Impact of Adverse Events**

Eric Klineberg, M.D.

Objectives:

- Identify the impact of complications
- Describe a novel complication classification

1:30 p.m. **Q & A**

1:35 p.m. **Neurological Deficit Following Adult Deformity Surgery**

Jean Christophe Leveque, M.D.

Objectives:

- Identify the most common types of neurological deficits which can arise during surgical correction of adult deformity
- Describe methods used to reduce the risk of neurologic deficits and to correct those which are identified during or after surgery

1:50 p.m. **Q & A**

1:55 p.m. **Live Demonstration Broadcast from BioSkills Lab No.5**
Molybdenum-Rhenium (MoRe) Alloy as a Means of Reducing Rod Fracture

Stephen Enguidanos, M.D.

Objectives:

- Demonstrate technique for use of MoRe alloy rods in posterior thoracolumbar constructs
- Outline expected lordosis from intradiscal osteotomy

2:25 p.m. **Wrap up**

2:30 p.m. **Adjourn**

ESTEEMED FACULTY

Robert A. Hart, M.D.

Course Chairman

Complex Spine Surgeon
Swedish Neuroscience Institute
Seattle, Washington

Amir Abdul-Jabbar, M.D.

Orthopedic Surgeon
Swedish Neuroscience Institute
Seattle, Washington

Douglas Burton, M.D.

Professor & Acting Chair
Orthopedic Surgery & Sports Medicine
University of Kansas
Kansas City, Missouri

Alan Daniels, M.D. (virtual)

Chief of Spine
Rhode Island Hospital & Brown University
Providence, Rhode Island

Stephen Enguidanos, M.D.

Orthopaedic Surgeon
Twin Cities Orthopedics &
Sports Medicine Center
Niceville, Florida

Khaled M. Kebaish, M.D., M.S. (virtual)

Division Chief, Orthopaedic Spine Surgery
Professor of Orthopaedic Surgery
Johns Hopkins University
Baltimore, Maryland

Eric Klineberg, M.D., M.S.

Professor & Vice Chair
Department of Orthopaedic Surgery
Co-Director, UC Davis Spine Center
University of California Davis
Sacramento, California

J. Ivan Krajbich, M.D.

Associate Professor
Orthopaedics and Rehabilitation
OHSU School of Medicine
Portland, Oregon

Jean Christophe Leveque, M.D.

Neurosurgeon
Virginia Mason Hospital & Seattle Medical Center
Seattle, Washington

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

Chief of Spine
Swedish Neuroscience Institute
Seattle, Washington

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., & Zac Tataryn, M.D.

