Innovative and Advanced Surgery of the Degenerative and Deformed Lumbar Spine

Hands-On Cadaver Course

August 20-22, 2015
St. Louis, Missouri USA

Course Co-Directors:
Ronald A. Lehman, Jr., MD
Lawrence G. Lenke, MD
Todd J. Stewart, MD

Endorsed by LSRS

http://pa.slu.edu
Thursday, August 20, 2014 (11:30 AM - 5:30 PM)

Single Level Lumbar Degeneration

- Patient Selection/Diagnostic Workup and Non-Operative Methods
- MRI Anatomy: Review of All Structures
- How to Critically Evaluate Pre-op Imaging
- Complications: Cauda Equina Syndrome: Early vs. Late Surgery
- Pedicle Screw Placement/Technical Considerations/Biomechanics
- Lateral Interbody Fusion: Pearls
- OLIF: Cortical Screw Techniques
- Dural Repair Techniques
- 3-D: Cadaver Demonstration: Pedicle Screw Fixation Techniques
- Debate: Single Level Black DDD – Treatment Options
  - ALIF/OLIF/Lateral Interbody Fusion
  - TLIF
  - TDR
  - Non-Op
- Cadaver Demonstration: Lateral Interbody Fusion
- Hands-On Laboratory: Lateral Interbody Fusion

Friday, August 21, 2015 (7:00 AM - 5:15 PM)

Scoliosis

- Case Presentation: Lumbar Scoliosis with Stenosis
- Decision Making in Management of Adult Lumbar Scoliosis and Kyphosis
- Treatment Options:
  - Open Correction of Deformity
  - 3 Column Osteotomies of the Lumbar Spine
  - Fixation Options at Sacrum/Ilium for Long Segment Constructs
- MIS Correction of Deformity / Lateral Interbody Fusion: When is it Indicated/Complications
- Transthoracic Approach for Thoracic Disc Herniation
- Role of Vertebral Augmentation in Spine Care
- Debate: Adult Degenerative Scoliosis
  - Open Posterior (TLIF)
  - Anterior/Posterior (ALIF)
  - MIS (Lateral/Lateral Interbody Fusion / Percutaneous Posterior)
- Cadaver Demonstration: Lumbar PSO Demonstration
- Hands-On Laboratory: Placement of TLIF and PLIF Spacers

Spondylolisthesis

- Spondylolisthesis:
  1. Classification / Sagittal Parameter Consideration
  2. Pediatric High Grade Spondy
  3. MIS Application in the Treatment of Spondy
- Debate: TLIF vs. ALIF
- Hands-On Laboratory: Lateral Interbody Fusion

REGISTRATION DETAILS & COURSE FEES

Tuition Fees:
- Physicians: $2095
- Residents/Fellows/USA military: $1395

Registration:
- For Further Course Details and Registration go to: http://pa.slu.edu
- This workshop will be held at the PASE Learning Center located in Young Hall, 3839 Lindell Boulevard, Saint Louis, MO 63108

Saturday, August 22, 2015 (7:00 AM - 1:00 PM)

Multilevel Degenerative Disc Disease

- Debate: Multilevel Degenerative Disc – Treatment Options
  - Lumbar TDR – Evidence Based
  - Options for Stand Alone ALIF
  - Oblique Lateral Interbody Fusion (OLIF)
- Adjacent Level Disease – How Do We Avoid?
- Complications: Anterior and Lateral Approach Complications
- YODA BMP Overview
- Interactive Case Presentation Discussion with Faculty
- Cadaver Demonstration:
  - ALIF: Surgical Anatomy and Approach
  - Cadaver Demonstration:
    - ALIF
    - Disc Arthroplasty
  - Hands-On Laboratory: ALIF approach with TDR

CONTINUING EDUCATION

AMERICAN MEDICAL ASSOCIATION: Saint Louis University designates this live activity for a maximum of 18.25 AMA PRA Category 1 Credit(s)™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

ACCREDITATION: Saint Louis University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

For updates, go to: http://pa.slu.edu

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Faculty subject to change. For updates, go to: http://pa.slu.edu