

October 2-4, 2014 | St. Louis, MO, USA



SAINT LOUIS
UNIVERSITY

An offering through:
Practical Anatomy & Surgical Education
Department of Surgery
Saint Louis University School of Medicine



REGISTRATION:

For Further Course Details and REGISTRATION Click On
(or type in your internet browser) the link below:

<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



Endorsed by LSRS

Innovative and Advanced Surgery of the Degenerative and Deformed Lumbar Spine

Hands-On Cadaver Workshop

Included is an Optional **Midas Rex Training**
to be held on October 1, 2014 from 7:30 am - 2:00 pm.
Must pre-register to attend.

Course Co-Directors:

Ronald A. Lehman, Jr., MD

Lawrence G. Lenke, MD

Todd J. Stewart, MD

Honored Guest:

Paul A. Anderson, MD



SAINT LOUIS UNIVERSITY

Practical Anatomy & Surgical Education
3839 Lindell Boulevard
St. Louis, Missouri, USA
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Practical Anatomy

Our Mission Statement: Practical Anatomy & Surgical Education and Center for Anatomical Science and Education, Saint Louis University School of Medicine, is dedicated to the development and presentation of innovative medical health and science workshops. Practical Anatomy strives to promote the concept of lifelong learning by utilizing the latest technology to connect young people, residents, health care professionals and surgeons to world-class experts and faculty.

**Innovative and Advanced Surgery
of the Degenerative and Deformed Lumbar Spine
Hands-On Cadaver Workshop**

October 2-4, 2014 | <http://pa.slu.edu>

THURSDAY, OCTOBER 2, 2014

12:00 PM - 5:30 PM

Single Level Lumbar Degeneration

- Patient Selection/Diagnostic Workup and Non-Operative Methods
- Treatment Options: Direct Decompression (Central and Lateral Approach)
- Stabilization: Fusion or Motion Sparing
- Complications: Cauda Equina Syndrome: Early vs. Late Surgery
- Black Disc Disease/Axial Back Pain: Who Needs Surgery and Why?
- Pedicle Screw Placement/Technical Considerations/ Biomechanics
- Lumbar Total Disc Replacement "Myth or Reality"
- **3-D- Cadaver Demonstration: Lumbar Anatomy/Far Lateral Discectomy**
- **3-D- Cadaver Demonstration: Pedicle Screw Fixation Techniques**
- **3-D- Cadaver Demonstration: Dural Repair Techniques**
- Hands-On Laboratory: Central and Far Lateral Discectomy/ Pedicle Screw Fixation/Dural Repair
- Hands-On Laboratory: Wiltse Approach for Far Lateral and Central Discectomy/MIS retractor systems – Get accustomed to looking through tubes/MIS Percutaneous Screws – Lumbar Spine

FEES

Physician Fee:.....\$2095

Residents/Fellows/USA Military Fee:\$1495

FRIDAY, OCTOBER 3, 2014

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
- Costotransversectomy/Posterior Approach for Trauma/Tumor/ Infection
- Transthoracic Approach for Thoracic Disc Herniation
- Alternative Fusions Option at the LS Junction in Deformity Surgery
- **Cadaver Demonstration: Lateral Interbody Fusion Technique**
- **Cadaver Demonstration: Lumbar PSO Demonstration**
- Hands-On Laboratory: Left Side Cadaver/Open Exposure Lateral Vertebral Bodies; Placement of Spacers, Lateral Interbody Fusion
- Hands-On Laboratory: MIS Exposure Lateral Spine: Lateral Interbody Fusion/Spacers

Spondylolisthesis

- Case Presentation: Degenerative Spondylolisthesis
- Treatment Options (10 minutes each) Open Fusion Options/ MIS Options/Motion Preservation Options/Complications: Peri-Operative Complications
- Debate: TLIF vs. ALIF
- Hands-On Laboratory: Left Side Cadaver L4-S1/Pedicle Screw Fixation/Placement of TLIF and PLIF Spacers
- Hands-On Laboratory: Left Side Cadaver/Percutaneous & MIS Placement Screws/MIS Placement of TLIF and PLIF Spacers

SATURDAY, OCTOBER 4, 2014

7:00 AM - 1:00 PM

Multilevel Degenerative Disc Disease

- Case Presentation: Multilevel Degenerative Disc
- Treatment Options: Direct Decompression/Indirect Decompression/New Technologies/Stabilization: Fusion or Motion Sparing/Adjacent Level Disease
- Discussion: Question/Answers
- 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**
- Hands-On Laboratory: ZLC- ALIF Approach with Discectomy at L4/5, L5/1
- Hands-On Laboratory: Lab B- ALIF Approach with TDR/Disc Arthroplasty/Continued Posterior Procedures

EDUCATIONAL OBJECTIVES

- Review the surgical and radiological anatomy of the lumbar spine
- Discuss the principles and analyze the anterior, direct lateral and posterolateral, and posterior approaches to the lumbar spine and perform stabilization/fusion techniques using available instrumentation on specially prepared cadavers
- Discuss complex surgical cases for the degenerative and deformed spine, presented by expert faculty; evaluate reasonable treatment plans and surgical approaches based on interactive discussions
- Demonstrate and evaluate available interbody fusion devices, spacers, and instrumentation systems including devices used for motion preservation

CONTINUING EDUCATION

Saint Louis University School of Medicine designates this live activity for a maximum of 17.25 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 to provide continuing medical education for physicians.

The education the participant gains through our CME activities does not satisfy training requirements to perform the surgery.

COURSE CO-DIRECTORS

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Todd J. Stewart, MD

Advanced Spine Institute
Neurological Surgery
St. Louis, MO

HONORED GUEST

Paul A. Anderson, MD

Professor, Department of Orthopedics & Rehabilitation
University of Wisconsin School of Medicine
Madison, WI

INVITED FACULTY

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Faculty subject to change