

SAINT LOUIS
UNIVERSITY

An offering through
Practical Anatomy and
Surgical Education
Center for Anatomical
Science and Education,
Department of Surgery

Register on-line at
<http://pa.slu.edu>

Contact us: mailto:pa@slu.edu



The 21st

Advanced Techniques in Cervical Spine Decompression & Stabilization

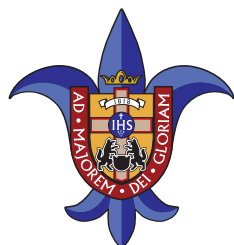
Hands On Cadaver Course

Course Director:

K. Daniel Riew, MD

Included is an Optional Midas Rex Training to be held on
August 20, 2014 from 7:30 am - 2:00 pm.
Must be registered to attend.

August 21-23, 2014 | St. Louis, Missouri | USA



SAINT LOUIS UNIVERSITY

Practical Anatomy & Surgical Education
3839 Lindell Boulevard
St. Louis, Missouri 63108-3413

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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.



**The 21st Advanced Techniques in Cervical Spine
Decompression & Stabilization**

August 21-23, 2014 | <http://pa.slu.edu>

Thursday, August 21, 2014

(12:00 PM - 5:45 PM)

- Anterior Cervical Approach to C2-4 & C7-T3
- Anterior Cervical Plating: Tips, Pearls, Avoiding ALOD, Length of Screws, Different Plate Types
- Arthroplasty: Indications vs. Fusion, Results, Currently Available Products
- Transoral Resection of Dens
- Posterior Upper Cervical Surgical Anatomy
- Vertebral Artery Injuries from Spine Surgery: How to Prevent, Expose and Treat
- Dysphagia and Dysphonia, Post-Operative Hematoma and Emergency Airway Management
- Radiation Safety
- Dural Tear: How I Prevent and Treat
- Esophageal Perforation
- Horner's Syndrome: How to Avoid and Treat
- C5 Palsy
- Minimally Invasive Foraminotomy: Positioning, How to Place Tubes, Tricks and Pearls
- Bone Graft Options: Allograft (fresh frozen, freeze dried, corticocancellous, cortical), Autograft, Cages, Bone Marrow, Aspirate
- Cervical Pedicle and Facet Screw Fixation C 3-6

Friday, August 22, 2014

(8:00 AM - 4:00 PM)

- 3-D Demo: Anterior Cervical Decompression, Foraminotomy, Discectomy, Exposure of Vertebral Artery
- Hands-On-Cadaver-Lab: Anterior Surgical Approach ACDF, Foraminotomy, Uncinate Resection, Exposure of the Vertebral Artery, Dissection of Hypoglossal, Glossopharyngeal, Recurrent Laryngeal, Superior Laryngeal Nerves, Digastric Muscle, Cricothyroidotomy
- Hands-On-Cadaver-Lab: Anterior Procedures Transoral Resection, Anterior Cervical Fusion Techniques

Saturday, August 23, 2014

(8:30 AM - 3:30 PM)

- 3-D Demo: Laminoplasty, Foraminotomy, Posterior Cervical Fixation Techniques
- Hands-On-Cadaver-Lab: Posterior Procedures, Laminoplasty, Foraminotomy, C1, C2 Fixation, C3-7 Lateral Mass Screws, C7-T3 Pedicle Screws, Arthroplasty

REGISTRATION DETAILS & COURSE FEES

TUITION FEES:

Physicians: \$2095
Residents/Fellows/USA Military: \$1250

REGISTRATION:

For Course Schedule, Accommodations, Course Brochures and to Register - type the link below into your internet browser: <http://pa.slu.edu>

Then Select: Continuing Medical Education (Hands-On Cadaver Workshops)

Then Select: 2014 Workshop Schedule

Then Select: The course of interest

This workshop will be held at the PASE Learning Center located in Young Hall, 3839 Lindell Boulevard, Saint Louis, MO 63108

COURSE DIRECTOR

K. Daniel Riew, MD

Mildred B. Simon Distinguished Professor of Orthopaedic Surgery
Chief, Cervical Spine Surgery
Director, Cervical Spine Institute
Department of Orthopaedic Surgery
Washington University School of Medicine
St. Louis, MO

INVITED FACULTY

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Center for Anatomical Science & Education
Saint Louis University School of Medicine
MBRI, St. Anthony's Medical Center
St. Louis, MO

Lukas P. Zebala, MD

Assistant Professor of Orthopaedic and Neurological Surgery
Department of Orthopedic Surgery
Washington University School of Medicine
St. Louis, MO

Faculty Subject To Change

EDUCATIONAL OBJECTIVES

The emphasis of this workshop is on surgical microanatomy and microdissection of the cervical spine. It will enhance the 3-D anatomical review of participants and sharpen their surgical skills of cervical decompression and stabilization techniques. Participants will:

- Review and describe the intricate anatomy of the uncinate process, nerve roots, the vertebral artery and foramen
- Identify the relationship of the above to each other
- Review the techniques and perform under the guidance of experts, anterior and posterior surgical approaches to the cervical spine including:
 - posterior decompression techniques including laminotomy, foraminotomy, laminoplasty, laminectomy, and facetectomy
 - fusion techniques including occipital-cervical constructs, C1-2 transarticular fixation, subaxial wire and plating constructs
 - anterior decompression techniques including discectomy, foraminotomy, corpectomy
 - anterior fusion techniques including Smith-Robinson and strut grafting as well as subaxial plate, odontoid fixation and cages
 - transoral approach to dens resection
- Discuss surgical indications and complications management for the above procedures

Due to federal regulations, participants are only allowed to place FDA-approved products into the cervical spine.

CONTINUING EDUCATION

Saint Louis University School of Medicine designates this live activity for a maximum of 15.5 AMA PRA Category 1 Credit(s)™. Physicians should only claim credit commensurate with the extent of their participation in the activity.