

APRIL 12-14, 2018
St. Louis, Missouri, USA



11th Annual CSRS

(Cervical Spine Research Society)

ADVANCED TECHNIQUES IN

Cervical Spine Decompression

& STABILIZATION

Hands-on Cadaver Course

Course Directors:

Rick C. Sasso, MD

Vincent C. Traynelis, MD

Guest Speakers:

Giuseppe Barbagallo, MD

Asdrubal Falavigna, MD, PhD

SAINT LOUIS



UNIVERSITY.

An offering through:

Practical Anatomy & Surgical Education, Department of Surgery
Saint Louis University School of Medicine

<http://pa.slu.edu>



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

TUITION FEES:

Physicians:\$1595
Residents/Fellows/USA Military:\$995

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

EDUCATIONAL OBJECTIVES

- ▶ Review and describe the intricate anatomy of the uncinat process, nerve roots, the vertebral artery and foramen and identify their relationship 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: laminotomy, foraminotomy, laminoplasty, laminectomy, and facetectomy
 - fusion techniques including occipital-cervical constructs, C1-2 fixation, subaxial screw and rod constructs
 - anterior decompression techniques including discectomy, foraminotomy, corpectomy
 - anterior fusion techniques including interbody and corpectomy 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

CONTINUING EDUCATION

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.

Credit Designation: Saint Louis University School of Medicine designates this live activity for a maximum of 14.75 AMA PRA Category 1 Credit(s)™.

Physicians should only claim credit commensurate with the extent of their participation in the activity.

COURSE SCHEDULE:

Thursday, April 12, 2018

11:30 AM - 6:00 PM

- Anterior Cervical Approach to C2-4, & C7-T3
- The Role of Cervical Sagittal Balance in Surgical Decision Making
- Cervical Arthroplasty: Indications vs Fusion, Results, Currently Available Products
- Transoral Resection of Dens/ Odontoid Screw Fixation
- Case Presentations: Interactive Discussion of Complex Anterior Cervical Cases
- Questions and Answers
- **Hands-on Cadaver Lab: Anterior Cervical Anatomy Review, ACDF, Foraminotomy, Uncinate Resection, Exposure of the Vertebral Artery, Dissection of Hypoglossal, Glossopharyngeal, Recurrent Laryngeal, Superior Laryngeal Nerves, Digastric Muscle, Cricothyroidotomy, Transoral Resection, Fusion, Arthroplasty**
- **C arm Lab: Odontoid Fixation**
- Welcome Reception/ Exhibits

Friday, April 13, 2018

7:30 AM - 5:00 PM

- 3D Demonstration: Anterior Cervical Decompression
- **Hands-on Cadaver Lab: Anterior Surgical Approach continued: ACDF, Foraminotomy, Uncinate Resection, Exposure of the Vertebral Artery, Dissection of Hypoglossal, Glossopharyngeal, Recurrent Laryngeal, Superior Laryngeal Nerves, Digastric Muscle, Cricothyroidotomy, Transoral Resection, Fusion, Arthroplasty**
- **C arm Rotation: Odontoid Fixation**
- Anterior and Posterior Surgical Management of the Cervico-Thoracic Junction
- Cervicle Pedicle and Lateral Mass Screw Fixation
- C1-2 Posterior Fusion
- Cervical Dural Tears Repair and Management
- C5 Palsy
- 3D Demonstration: Laminoplasty, Foraminotomy and Intralaminar Screws
- Questions and Answers
- **Hands-on Cadaver Lab: Posterior Procedures, Dural Repair, Laminoplasty, Foraminotomy, C1 Lateral Mass, C2 Fixation, C3-7 Lateral Mass Screws, C7-T3 Pedicle Screws**
- **C arm Rotation: Transarticular Fixation**

Saturday, April 14, 2018

7:30 AM - 12:00 PM

- PIJ: Proximal Junctional Kyphosis above Thoraco Lumbar Fusions, Cervical Spine Involvement
- DJK: Distal Junctional Kyphosis Below Cervical-Thoracic Fusions
- Timing of Surgery in Spinal Cord Injury
- The Role of Stand Alone Cages, Facet Fusion Devices
- Case Presentations: Interactive Discussion of Complex Posterior Cervical Cases
- **Hands-on Cadaver Lab: Posterior Procedures, Dural Repair, Laminoplasty, Foraminotomy, C1 Lateral Mass, C2 Fixation, C3-7, Lateral Mass Screws, C7-T3 Pedicle Screws**

FACULTY:

Faculty subject to change, for updates, please go to <http://pa.slu.edu>

Course Directors:

Rick C. Sasso, MD

*Professor; Chief of Spine Surgery
Department of Orthopaedic Surgery
Indiana University School of Medicine
Indiana Spine Group
Indianapolis, IN*

Vincent C. Traynelis, MD

*Professor and Vice Chairman
Department of Neurosurgery
Rush University Medical Center
Chicago, IL*

Guest Speakers:

Giuseppe Barbagallo, MD

*Associate Professor of Neurosurgery
Azienda Ospedaliero-Universitaria
Policlinico "G. Rodolico" University Hospital
Catania, Italy*

Asdrubal Falavigna, MD, PhD

*Chair of AOSpine Latin American Board
Dean of Medical School
Department of Neurosurgery
Caxias do Sul University
Rio Grande do Sul, Brazil*

Invited Faculty:

Darrel Brodke, MD

*Louis and Janet Peery Endowed Chair
Professor, Vice Chairman
Department of Orthopaedics
University of Utah School of Medicine
Salt Lake City, UT*

Bruce Darden II, MD

*Fellowship Director
OrthoCarolina Spine Center
Charlotte, NC*

Michael Daubs, MD

*Professor, Department of Surgery
Chief, Division of Orthopaedic Surgery
University of Nevada School of Medicine
Las Vegas, NV*

Ian Dorward, MD

*Assistant Professor
Department of Neurological Surgery
and Orthopaedic Surgery
Washington University School of Medicine
Barnes-Jewish Hospital
St. Louis, MO*

Michael Fehlings, MD, PhD, FRSCSC, FACS, FCAHS

*Professor of Neurosurgery
Halbert Chair in Neural Repair and Regeneration
Vice Chair Research, Department of Surgery
University of Toronto
Head, Spinal Program
Toronto Western Hospital, University Health Network
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John Heller, MD

*Baur Professor of Orthopaedic Surgery,
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Emory University School of Medicine
The Emory Spine Center
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Wellington Hsu, MD

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Alexander Vaccaro, MD

*Thomas Jefferson University Hospital
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Neill M. Wright, MD

*Herbert Lourie Professor Surgery
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