NEW! Check out our mobile app CloudCME.
Organization Code: HopkinsCME
For website and CloudCME mobile app technical difficulties, email: cmetechsupport@jhmi.edu
DESCRIPTION

With safety as an utmost priority in spinal surgery, it is imperative that surgical trainees receive continual anatomical education. This is accomplished in the operating room while trainees learn on live patients. However, the safest way to learn is via cadaveric instruction. With the cost of health care increasing, the decrease in industry sponsored cadaveric courses due to political pressures against industry-sponsored medical education, and decreased working hours for physicians, such education is now at a premium. A spine cadaveric workshop is not only demanded but required in the current medical education so that surgeons can continue to be trained in safe and effective surgical techniques on the spine.

WHO SHOULD ATTEND

This activity is intended for spinal neurosurgeons and orthopaedic surgeons.

OBJECTIVES

After attending this activity, the participant will demonstrate the ability to:

• State indications and options for patients with spinal disorders.
• Describe technical instructions in decompressing and stabilizing the spinal column using minimally invasive techniques as well as standard and new techniques.
• Practice and improve spinal techniques before performing on a patient.
• Discuss the pros and cons of demonstrated procedures, better informing an action plan.
• Assess the anatomy of the spine, including occipital, thoracic, lumbar, sacral and pelvic regions in spine surgery.

ACCREDITATION STATEMENT

The Johns Hopkins University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

CREDIT DESIGNATION STATEMENT

The Johns Hopkins University School of Medicine designates this live activity for a maximum of 20 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

POLICY ON SPEAKER AND PROVIDER DISCLOSURE

It is the policy of the Johns Hopkins University School of Medicine that the speaker and provider globally disclose conflicts of interest. The Johns Hopkins University School of Medicine OCME has established policies in place that will identify and resolve all conflicts of interest prior to this educational activity. Detailed disclosure will be made in the instructional materials.

General Information

REGISTRATION

Friday, September 22, 2017 – 6:30 a.m. – 7:00 a.m.

LOCATION

Vista Labs
1030 North Charles Street
Baltimore, Maryland 21201

FEES

REGISTRATION CUT-OFF DATE: SEPTEMBER 16, 2017

Methods of Payment: We require full payment prior to the start of the activity. On-site payments by credit card only. The registration fee includes instructional materials, breakfasts, refreshment breaks and lunches.

Physicians .................. $1,200
Residents/Fellows ............... $600
*with verification of status

You will receive a confirmation by e-mail. If you have not received it by September 16, 2017, call (410) 502-9634 to confirm that you are registered. A transcript of attendance will be available upon attestation of your credit hours and submission of the post activity online evaluation.

A survey will be sent to all physician attendees within three months post activity to assist us in determining what impact this activity had on the learner’s practice.

EMERGENCY CALLS

During the days of this activity only, September 22-23, 2017, direct emergency calls to (410) 637-3705 and ask that a message be sent to the Hopkins registration desk. Messages will be posted for participants.

AMERICANS WITH DISABILITIES ACT

The Johns Hopkins University School of Medicine fully complies with the legal requirements of the ADA and the rules and regulations thereof. Please notify us if you have any special needs.

LATE FEE AND REFUND POLICY

A $50 late fee applies to registrations received after 5:00 p.m. ET on September 16, 2017. A handling fee of $50 will be deducted for cancellation. An additional fee may apply for cancellation of other events, including workshops and social activities. Refund requests must be received by fax or mail by September 16, 2017. No refunds will be made thereafter. Transfer of registration to another Johns Hopkins activity in lieu of cancellation is not possible.

SYLLABUS

The syllabus will be accessible online and via your mobile device in the CloudCME App prior to the activity.

EVALUATION AND OUTCOMES SURVEY

Post activity, an online evaluation form will be available to attendees to evaluate the activity and individual presentations and identify future educational needs. Upon completion of the evaluation, the learner must attest to the number of hours in attendance. Credits earned will be added to the learner’s transcript and immediately available for print.

A survey will be sent to all physician attendees within three months post activity to assist us in determining what impact this activity had on the learner’s practice.

TO REGISTER or FOR FURTHER INFORMATION

Register by Phone ......................................................... (410) 502-9634
Register by Fax .............................................................. (866) 510-7088
Confirmation/Certificates/Transcripts ................................ (410) 502-9634
General Information .................................................... (410) 955-2959
E-mail the Office of CME ................................................ cmetechsupport@jhmi.edu
Follow us on Twitter: http://twitter.com/HopkinsCME
Facebook: http://www.facebook.com/HopkinsCME
For general information, the direct link for this CME activity web page is: https://hopkinscme.cloud-cme.com/aph.aspx?P=5&EID=9711

CloudCME

Check out our mobile app CloudCME,
Organization Code: HopkinsCME
For website and CloudCME mobile app technical difficulties, email: cmetechsupport@jhmi.edu
**FRIDAY, September 22, 2017**

6:30 - 7:00  Registration and Continental Breakfast  
7:00 - 7:30  Welcome, Introduction and Opening Remarks  
Daniel Scuibba, MD

**Lecture Session I - Occipito-Cervical Access and Instrumentation**

7:30 - 7:50  Anterior Approaches to Subaxial Cervical Spine (ACDF, ACCE, Odontoid Screw)  
James Harrop, MD  
7:50 - 8:10  Posterior Cervical Instrumentation (Lateral Mass, C1-2, Translaminar, Occipito-Cervical)  
Nicholas Theodore, MD  
8:10 - 8:30  Anterior Approaches to Cranio-Cervical Junction  
Sheng-fu Larry Lo, MD, MHS  
8:30 - 8:45  Refreshment Break

**Concurrent Laboratory Session I - Cervical Approaches and Instrumentation**

8:45 - 10:00  Hands-on Cadaver Workshop 1  
Anterior Cervical Discectomy, Anterior Cervical Corpectomy, Cage and Plate, Odontoid Screw  
All Faculty  
10:00 - 11:45  Hands-on Cadaver Workshop 2  
Occipital, C1, C2, Lateral Mass Screws, Translaminar Screws  
All Faculty  
11:45 - 1:00  Working Lunch  
12:00 - 12:30  Cervical Degenerative Case Discussion  
Ali Bydon, MD  
12:30 - 1:00  Cervical Degenerative Case Discussion  
Lee Riley, III, MD

**Lecture Session II - Posterior Instrumentation and Approaches to Thoracic, Lumbar, Sacrum and Pelvis**

1:00 - 1:30  Thoracic, Lumbar, Sacral and Pelvic Screw Placement  
Christopher Neal, MD  
1:30 - 2:00  Posterior Lumbar Osteotomies (Ponte, Smith-Peterson Osteotomy, Pedicle Subtraction Osteotomy)  
Timothy Witham, MD, FACS  
2:00 - 2:30  Posterior Thoracic Osteotomies (Ponte, Smith-Peterson Osteotomy, Vertebral Column Resection)  
Amer Samdani, MD

**Laboratory Session II - Posterior Instrumentation and Approaches to Thoracic, Lumbar, Sacrum and Pelvis**

2:30 - 3:30  Placement of Pedicle Screws in Thoracic, Lumbar, Sacral and Pelvis  
All Faculty  
3:30 - 4:30  T3 Pedicle Subtraction Osteotomy  
All Faculty  
4:30 - 5:30  T8 Vertebral Column Resection  
All Faculty  
5:30 - 5:50  Tumor Case Review  
Ilya Laufer, MD  
5:50 - 6:10  Cervical Deformity Case Review  
Charles Sansur

**SATURDAY, September 23, 2017**

6:30 - 6:50  Continental Breakfast  
6:50 - 7:00  Introduction and Goals for the Day  
Daniel Scuibba, MD

**Lecture Session III – Minimally Invasive Approaches to TL-S Spine**

7:00 - 7:30  Minimally Invasive TLIF with Placement of Percutaneous Screws (L4-5)  
All Faculty  
10:30 - 12:00  Minimally Invasive Posterior Approaches to Lumbar Spine (XLIF, DLIF) (L3-4)  
All Faculty  
12:00 - 1:00  Working Lunch  
12:00 - 12:30  Thoracolumbar Case Review  
Reza Yassari, MD  
12:30 - 1:00  Adult Deformity Case Discussion  
Brian O’Shaughnessy, MD

**Concurrent Laboratory Session III – Minimally Invasive Approaches to TL-S Spine**

8:30 - 9:00  Hands-on Cadaver Workshop 3  
Minimally Invasive TLIF with Placement of Percutaneous Screws (L4-5)  
All Faculty  
10:30 - 12:00  Minimally Invasive Lateral Approaches to Lumbar Spine (XLIF, DLIF) (L3-4)  
All Faculty  
12:00 - 1:00  Working Lunch  
12:00 - 12:30  Thoracolumbar Case Review  
Reza Yassari, MD  
12:30 - 1:00  Adult Deformity Case Discussion  
Brian O’Shaughnessy, MD

**Lecture Session IV – Anterior and Lateral Open Approaches to T-L Spine**

1:00 - 1:30  Anterior Transcavitary Approaches (Sternotomy, Manubriotomy, Aortocalvral Windows)  
Daniel Scuibba, MD  
1:30 - 2:00  Anterior and Lateral Open Approaches to T-L Spine (Thoracotomy, Thoraco-abdominal Approach)  
Daniel Scuibba, MD  

**Laboratory Session IV – Anterior and Lateral Open Approaches to T-L Spine**

2:00 - 3:00  Sternotomy and Trap-door Thoracotomy  
All Faculty  
3:00 - 4:00  Thoraco-Abdominal/10th Rib Approach, L1 Vertebrectomy, T12-L2 Reconstruction  
All Faculty  
4:00  Adjourn  
You will receive an email notification to complete the evaluation form and to attest to the number of hours in attendance. The Registration Desk will remain open during conference hours.

**Acknowledgement**

Applications for commercial support from health care related industries are pending. A complete list of contributors will be provided in the syllabus. Please note that commercial support received is solely for the educational component of the activity and will not be used to provide food and beverage.

Please note: The Physician Payments Sunshine Act was enacted by Congress to increase public awareness of financial relationships between drug and medical device manufacturers and physicians. In compliance with the requirements of this Act, the commercial supporter/s of this activity may require the Johns Hopkins University School of Medicine to report certain professional information (such as name, address, National Provider Identifier (NPI), and State License number) of physician attendees who receive complimentary food and beverage in conjunction with a CME activity. The commercial supporter is required to submit the collected data to the Centers for Medicare and Medicaid Services which will then publish the data on its website.

---

The Johns Hopkins University School of Medicine takes responsibility for the content, quality and scientific integrity of this CME activity.

This schedule is subject to change.
Speakers

Activity Director
Daniel Sciubba, MD
Professor of Neurosurgery
Director of Spine Tumor and Spine Deformity Surgery

Johns Hopkins Speakers
Ali Bydon, MD
Professor of Neurosurgery

Brian Neuman, MD
Assistant Professor of Orthopaedic Surgery

Lee Riley, III, MD
Professor of Orthopaedic Surgery
Vice Director of Clinical Operations

Nicholas Theodore, MD
Professor of Neurosurgery and Orthopaedic Surgery

Timothy Witham, MD, FACS
Professor of Neurosurgery and Orthopaedic Surgery

Guest Speakers
Ali Baaj, MD
Assistant Professor of Surgery
Director, Spinal Neurosurgery Program
Cornell University
New York, New York

James Harrop, MD
Professor of Neurosurgery and Orthopaedic Surgery
Thomas Jefferson University
Philadelphia, Pennsylvania

Ryan Kretzer, MD
Neurosurgeon
Director, Spine Surgery
Carondelet Neurological Institute
St. Joseph’s Hospital
Tucson, Arizona

Ilya Laufer, MD
Assistant Attending
Memorial Sloan-Kettering Cancer Center
Assistant Professor
Weill Medical College of Cornell University
New York, New York

Sheng-fu Larry Lo, MD, MHS
Assistant Professor of Neurosurgery
Columbia University College of Physicians and Surgeons
New York, New York

Christopher Neal, MD
Associate Program Director of Neurosurgery
Walter Reed National Medical Center
Bethesda, Maryland

Brian O’Shaughnessy, MD
Spinal Surgeon / Neurosurgeon
Partner, Howell Allen Clinic
Chief of Neurological Surgery
St. Thomas Midtown Hospital
Nashville, Tennessee

Ali Ozturk, MD
Assistant Professor of Medicine
Pennsylvania Hospital
Philadelphia, Pennsylvania

Luiz Pimenta, MD, PhD
Assistant Professor of Neurosurgery, UCSD Chief, Department of Minimally Invasive and Reconstructive Surgery
Santa Rita Hospital
São Paulo, Brazil

Amer Samdani, MD
Director of Spine Services
Shriners Hospital for Children
Philadelphia, Pennsylvania

Charles Sansur, MD
Assistant Professor of Neurosurgery
Director, Complex Spine Surgery
University of Maryland Medical Center
Baltimore, Maryland

Reza Vassari, MD
Associate Professor of Clinical Neurological Surgery
Director, Neurological Surgery Residency Training Program
Albert Einstein College of Medicine
Bronx, New York

What do you hope to learn by attending this activity?

__________________________________________________________________________

Please notify us if you have any special needs.
__________________________________________________________________________

Registration Fees:

☐ Physicians ................................................................. $1,200
☐ Residents*/Fellows* ................................................ $600

*with verification of status

The registration fee includes instructional materials and food and beverage. For registrations received after 5:00 p.m. ET on September 16, 2017, include a $50 late fee.

On-site registrations are payable only by credit card.

Total Amount $ __________

Payment Type:

☐ JHU Faculty/Staff Only: If you are using your Tuition Remission Benefit or an ION budget, please upload your fully completed and approved form in the payment section of the online activity link above.

☐ TR Form: http://benefits.jhu.edu/documents/trffacandstaff.pdf
☐ ION Form: http://hopkinscme.edu/migration/IonRequest.pdf

☐ e-Check: Routing Number __________ Account Number __________

☐ Credit Card: ☐ VISA ☐ MASTERCARD ☐ DISCOVER ☐ AMEX

Card # __________ __________ __________ __________

Billing Zip Code __________ __________ __________ __________ Security Code __________

Name on Card ____________________________ Signature and Date ____________________________