Surgery of the Craniovertebral Junction
A COURSE FOR 5TH & 6TH YEAR NEUROSURGERY RESIDENTS

Thursday & Friday, August 31-September 1, 2017

An educational activity provided by

Iris S. and Bert L. Wolstein Research Building
Case Western Reserve University
Cleveland, Ohio
Overview
This two-day course is designed for 5th and 6th year neurosurgery residents who seek an intensive, hands-on course in the surgical management of pathologies of the craniocervical junction. Pathologies to be addressed include vascular diseases, tumors, deformities and trauma. Anatomical considerations, patient indications for intervention, decision making, and surgical approaches and techniques will be discussed. Faculty will demonstrate repair, fixation and reconstruction techniques using 3-D imaging, and state-of-the-art devices and instrumentation. Small class size and emphasis on the practicum maximizes faculty and resident interaction, and the opportunity for expert guidance and skill development.

Objectives
After attending this program participants will be able to:

• Describe the anatomical factors involved in the surgical management of pathologies of the craniocervical junction
• Discuss patient indications and the surgical decision making process for selecting appropriate approaches, techniques and devices
• Demonstrate skills in CT and MRI navigation and image guidance
• Demonstrate surgical approaches, techniques and application of devices on tissue models
• Plan intraoperative steps to prevent complications and maximize outcomes

General Information
Meeting Location
Iris S. and Bert L. Wolstein Research Building Auditorium
Case Western Reserve University
2103 Cornell Road | Cleveland, OH 44106

A map and directions will be sent with your confirmation email.

Accommodations
Courtyard by Marriott–University Circle
2021 Cornell Road | Cleveland, OH 44106
216-791-5678

The hotel is within walking distance of the conference venue. For those who drive, valet parking is $20 for overnight guests.

Acknowledgments
This activity will be supported by grants from industry. A complete listing of supporters will be provided in the syllabus materials distributed at the meeting. Acceptance of funding in support of this program does not constitute endorsement of any product or manufacturer.
Faculty

Nicholas C. Bambakidis, MD
Course Director
Professor of Neurological Surgery
Case Western Reserve University School of Medicine
Director, Neurological Institute
University Hospitals Neurological Institute
University Hospitals Case Medical Center
Cleveland, OH

Peter A. Weisskopf, FACS
Course Co-Director
Neurotology/Skull Base Surgery
Assistant Professor
Mayo School of Medicine, Departments of Otolaryngology-Head and Neck Surgery and Neurosurgery
Medical Director Cochlear Implant Program
Mayo Clinic
Phoenix, AZ

Sepideh Amin-Hanjani, MD, FAANS, FACS, FAHA
Professor and Program Director
Co-Director, Neurovascular Surgery
Department of Neurosurgery
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Chicago, IL

Alia Hdeib, MD
Assistant Professor of Neurosurgery
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University Hospitals Cleveland Medical Center
Louis Stokes VA Cleveland Medical Center
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Manish K. Kasliwal, MD, MCh
Director, Minimally Invasive Spine Surgery
Assistant Professor, Neurological Surgery
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Louis Kim, MD
Professor
Neurological Surgery & Radiology
University of Washington School of Medicine
Seattle, WA

Michael J. Link, MD
Professor of Neurosurgery
Director, Skull Base Dissection Laboratory
Department of Neurologic Surgery
Mayo Clinic
Rochester, MN

Cliff A. Megerian, MD
Professor and Chair, Department of Otolaryngology – Head and Neck Surgery
Richard W. and Patricia R. Pogue Chair in Auditory Surgery and Hearing Sciences
Case Western Reserve University School of Medicine
Director, Department of Otolaryngology – Head and Neck Surgery
Medical Director of Cochlear Implantation
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Sarah Mowry, MD, FACS
Assistant Professor, Otolaryngology, Neurotology and Balance Disorders
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The commitment to exceptional patient care begins with revolutionary discovery. University Hospitals Case Medical Center is the primary affiliate of Case Western Reserve University School of Medicine, a national leader in medical research and education and consistently ranked among the top research medical schools in the country by U.S. News & World Report. Through their faculty appointments at Case Western Reserve University School of Medicine, physicians at UH Case Medical Center are advancing medical care through innovative research and discovery that bring the latest treatment options to patients.

Faculty, continued

Peter Nakaji, MD
Professor of Neurosurgery
Director, Neurosurgery Residency Program
Barrow Neurological Institute
St. Joseph’s Hospital and Medical Center
Phoenix, AZ

Joseph M. Zabramski, MD
Professor of Neurological Surgery
Chair, Section of Cerebrovascular Surgery
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Program Agenda

Thursday, August 31, 2017  |  Day 1 – Posterolateral Craniovertebral Junction

7:30 am  Welcome and Continental Breakfast
8:00-8:25  Anatomy of the Craniovertebral Junction – Joseph Zabramski
8:25-9:05  Treatment Algorithms and Approaches for Resection of Acoustic Neuromas – Michael Link
9:05-9:45  Resection of Skull Base Tumors and Complication Management – Nicholas Bambakidis
9:45-10:10  Vascular Lesions of the CVJ – Peter Nakaji
10:10-10:35  Revascularization of the Posterior Circulation – Sepideh Amin-Hanjani
10:35-11:00  The Role of Endovascular Treatment Options in the CVJ – Louis Kim
11:00-11:45  Middle Fossa, Translabyrinthine, Transpetrous and Combined Approaches – Maroun Semaan, Sarah Mowry, Peter Weisskopf, Cliff Megerian
11:45-12:30 pm  Break and Lunch
12:30-5:00  Laboratory Session – 7 stations including pro-section - 3 students per station
Retrosigmoid/Translabyrinthine/Transpetrosal – 2.5 hours
Far Lateral Approach and Variations – 2 hours
7:00  Course Dinner – Lago Restaurant
Transportation will be provided

Friday, September 1, 2017  |  Day 2 – Occipitocervical Fixation

8:15 am  Welcome and Continental Breakfast
8:45-9:30  Fixation Techniques of the Occiput-C1-C2 – Manish Kasliwal
9:30-10:00  Subaxial Fixation Techniques C3 – Upper Thoracic Spine – Alia Hdeib
10:00-10:45  Indications for Treatment and Case Examples – Manish Kasliwal
11:00-3:00 pm  Laboratory Session and Lunch – 5 stations - 4 students per station
Occipito-cervical Fixation, Subaxial Fixation/Upper Thoracic Spinal Fixation
3:00  Course Adjourns and Departures

Resident & Fellow Educational Grant Policy and Procedure

The policy and procedure herein describes who is eligible to participate in this two day course, what the grant will cover, and the steps to follow to apply.

Fifth & Sixth Year Neurosurgery Residents who are interested in the surgical management of pathologies involving the craniovertebral junction may apply online at www.academiceventmanagement.com to request an educational grant to attend this course.
Procedure for Course Registration

1. Go online at www.academiceventmanagement.com and apply for the course. Go to events and click on Surgery of the Craniovertebral Junction. You must get permission from your Program Director to attend.

2. Applicants will be accepted on a first-come basis. The course is limited to 18 attendees, one resident per institution. Register early!

3. Academic Event Management will notify you by email when your application is received. A second email will indicate whether you are accepted into the course or are wait-listed.

4. Academic Event Management will provide details regarding air travel and hotel. Please do not arrange travel and lodging on your own, since you will not be reimbursed. Academic Event Management will book your airfare and hotel for you. Two residents/fellows will be assigned per double sleeping room.

5. Upon hotel check-in you will need to provide a credit card for incidentals. Academic Event Management will cover room & tax only.

6. If you need to cancel after you are accepted into the course, please contact us immediately so that wait-listed residents can be accommodated.

7. Please do not plan to bring a spouse/guest, since we cannot accommodate these individuals at the hotel or course in compliance with the AdvaMed Code of Ethics.

Apply online at www.academiceventmanagement.com
Go to events and click on Surgery of the Craniovertebral Junction

For more information contact Pat Fitzwater at Academic Event Management.

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