Skull Base Symposium

Saturday, April 13, 2024
8:00 a.m. - 3:55 p.m.
Zoom

Course Directors

Ralph Abi Hachem, MD
Associate Professor of Head and Neck Surgery and Communication Sciences

Calhoun D. Cunningham, MD
Associate Professor of Head and Neck Surgery and Communication Sciences

Ali Zomorodi, MD
Professor of Neurosurgery

Duke Neurosurgery
Department of Head and Neck Surgery & Communication Sciences
Duke University School of Medicine
Skull Base Surgery for the Community Practitioner: Enhancing Collaborative Care

The Duke Skull Base Symposium is an interactive, multidisciplinary CME event designed to emphasize state-of-the-art treatment of both anterior and lateral skull base disorders. This course is instructed by Duke faculty and leaders in many fields with a focus on anterior and lateral skull base disorders. All lectures are followed by question-and-answer sessions as well as case discussions to highlight nuances in evaluation and treatment.

Objectives

The symposium is designed to increase competence and provide the most up-to-date, evidence-based review of the management of patients with anterior and lateral skull base disorders. At the end of the course, participants should be able to:

• Evaluate and manage preoperative and postoperative skull base pathologies in a cost-effective manner based on best available evidence

• Identify best candidates for conservative management of various skull base diseases, review of available treatment options, and short- and long-term outcomes of these therapies using an evidence-based approach

• Discuss treatment of skull base disorders with a focus on health care economics, delivery of care, patient education, physician education and case review, and methods to improve outcomes, value, and quality

• Develop a systematic and reliable approach for evaluating patients with skull base pathologies and formulate a non-operative or surgical treatment strategy

• Discuss the impact of innovative skull base procedural treatments and surgical techniques on current and future skull base care
Saturday, April 13\textsuperscript{th}
8:00 a.m. – 3:55 p.m.

8:00 – 8:10 a.m.  \textbf{Welcome and Introductions}
Howard Francis, MD, MBA
Gerald Grant, MD

8:10 – 8:30  \textbf{Takanori Fukushima: Celebrating a Legacy of Mastery}
Allan Friedman, MD
Ali Zomorodi, MD

8:30 – 9:50  \textbf{Cerebrospinal Fluid Leaks: Comprehensive Management}
Ralph Abi Hachem, MD
Noam Bartuv, MD
Michael Malinzak, MD, PhD
Nathan Tagg, MD

9:50 – 10:50  \textbf{Pituitary Surgery for the Community Practitioner}
Moderator  Patrick Codd, MD
Speakers  David Jang, MD
Ali Zomorodi, MD
Jordan Komisarow, MD
Lauren Gratian, MD

10:50 – 11:20  \textbf{Superior Semicircular Canal Dehiscence – New Approaches to Diagnosis and Management}
David M. Kaylie, MD
Eric Formeister, MD

11:20 – 12:00  \textbf{Update in Sinonasal and Skull Base Malignancies}
Nyall London, MD
Bradley Goldstein, MD, PhD

12:00 – 12:30  \textbf{Break}

12:30 – 1:00  \textbf{Radiation Therapy in Skull Base Tumors}
John Kirkpatrick, MD, PhD
Edina Wang, MD

1:00 – 1:20  \textbf{The Internal Carotid Artery in Skull Base Surgery}
Ali Zomorodi, MD

1:20 – 1:40  \textbf{Skull Base Imaging: What the Surgeon Should Look For}
Philip Chapman, MD
1:40 – 2:00 Future of Robotics and AI in Skull Base Surgery
Patrick Codd, MD

2:00 – 2:20 Discussion and Q&A: Ali Zomorodi, MD, Philip Chapman, MD, & Patrick Codd, MD

2:20 – 2:40 Updates in Facial Reanimation Techniques Following Skull Base Surgery
Brett Phillips, MD

2:40 – 3:00 Pulsatile Tinnitus: Update in Diagnosis and Management
Calhoun D. Cunningham, MD
Erik Hauck, MD

3:00 – 3:15 Discussion and Q&A: Brett Phillips, MD, Calhoun D. Cunningham, MD and Erik Hauck, MD

3:15 – 3:45 Current Trends in Acoustic Neuroma Management: Case-Based Presentation
Moderator: Calhoun D. Cunningham, MD
Speakers: Ali Zomorodi, MD
David Kaylie, MD
John Kirkpatrick, MD, PhD
Howard Francis, MD, MBA

3:45 – 3:55 Final Thoughts and Q&A with Faculty

3:55 Adjournment
Speakers

Ralph Abi Hachem, MD
Associate Professor of Head and Neck Surgery and Communication Sciences
Duke University

Noam Bartuy, MD
Assistant Professor of Head and Neck Surgery & Communication Sciences
Duke University

Philip Chapman, MD
Professor of Radiology
Duke University

Patrick Codd, MD
Associate Professor of Neurosurgery
Duke University

Calhoun Cunningham, MD
Associate Professor of Head and Neck Surgery & Communication Sciences
Duke University

Eric Formeister, MD
Assistant Professor of Head and Neck Surgery & Communication Sciences
Duke University

Howard Francis, MD, MBA
Chair, Department of Head and Neck Surgery & Communication Sciences
Duke University

Bradley Goldstein, MD, PhD
Professor of Head and Neck Surgery & Communication Sciences
Duke University

Gerald Grant, MD
Chair, Department of Neurosurgery
Duke University

Lauren Gratian, MD
Endocrinology, Diabetes & Metabolism Specialist
Wilmington Health

David Hasan, MD
Professor of Neurosurgery
Duke University

Erik Hauk, MD
Associate Professor of Neurosurgery
Duke University

David Jang, MD
Associate Professor of Head and Neck Surgery & Communication Sciences

David Kaylie, MD
Professor of Head and Neck Surgery and Communication Sciences
Duke University

John Kirkpatrick, MD, PhD
Professor of Radiation Oncology
Duke University

Jordan Komisarow, MD
Assistant Professor of Neurosurgery
Duke University

Nyall London Jr, MD, PhD
Associate Professor of Otolaryngology Head and Neck Surgery
John Hopkins

Michael Malinzak, MD, PhD
Assistant Professor of Radiology
Duke University
Brett Phillips, MD  
Assistant Professor of Surgery  
Duke University

Nathan Tagg, MD  
Associate Professor in Ophthalmology  
Duke University

Edina Wang, MD  
Medical Instructor  
Department of Radiation Oncology  
Duke University

Ali Zomorodi, MD  
Professor of Neurosurgery  
Duke University