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
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 13th
8:00 a.m. – 3:55 p.m.

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

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

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

9:50 – 10:50 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 Superior Semicircular Canal Dehiscence – New Approaches to Diagnosis and Management
David M. Kaylie, MD
Eric Formeister, MD

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

12:00 – 12:30 Break

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

1:00 – 1:20 The Internal Carotid Artery in Skull Base Surgery
Ali Zomorodi, MD
1:20 – 1:40  **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 – 2:50  **Current Trends in Acoustic Neuroma Management: Case-Based Presentation**  
Moderator: Calhoun D. Cunningham, MD  
Speakers: Ali Zomorodi, MD  
David Kaylie, MD  
David Hasan, MD  
John Kirkpatrick, MD, PhD

2:50 – 3:10  **Updates in Facial Reanimation Techniques Following Skull Base Surgery**  
Dane Barrett, MD

3:10 – 3:30  **Pulsatile Tinnitus: Update in Diagnosis and Management**  
Calhoun D. Cunningham, MD  
Erik Hauck, MD

3:30 – 3:45  **Discussion and Q&A:** Dane Barrett, MD, and Calhoun D. Cunningham, MD

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

3:55  **Adjournment**
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Duke University

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Associate Professor of Otolaryngology  
Head and Neck Surgery  
John Hopkins

Michael Malinzak, MD, PhD  
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Duke University

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Duke University

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Medical Instructor  
Department of Radiation Oncology  
Duke University

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Professor of Neurosurgery  
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