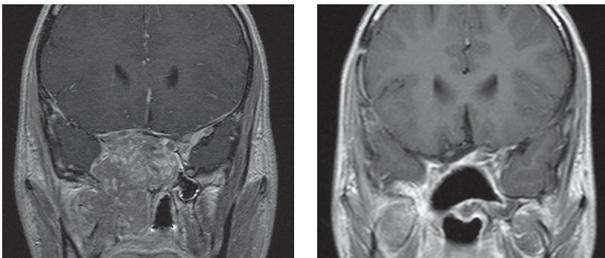


Rehabilitation

Proper rehabilitation after treatment is essential to a good outcome. Our multidisciplinary team is experienced in implantable hearing aids, cochlear and brainstem implants, rehabilitation of balance problems in our new Balance Center, as well as the management of swallowing dysfunction, and other deficits that may result from the pathology or treatment.

Pre- and post-operative MRI of a patient with an anterior skull base sarcoma. Patient underwent a complete resection of the tumor through a combined cranial and endoscopic endonasal approach, sparing the patient any facial incisions.

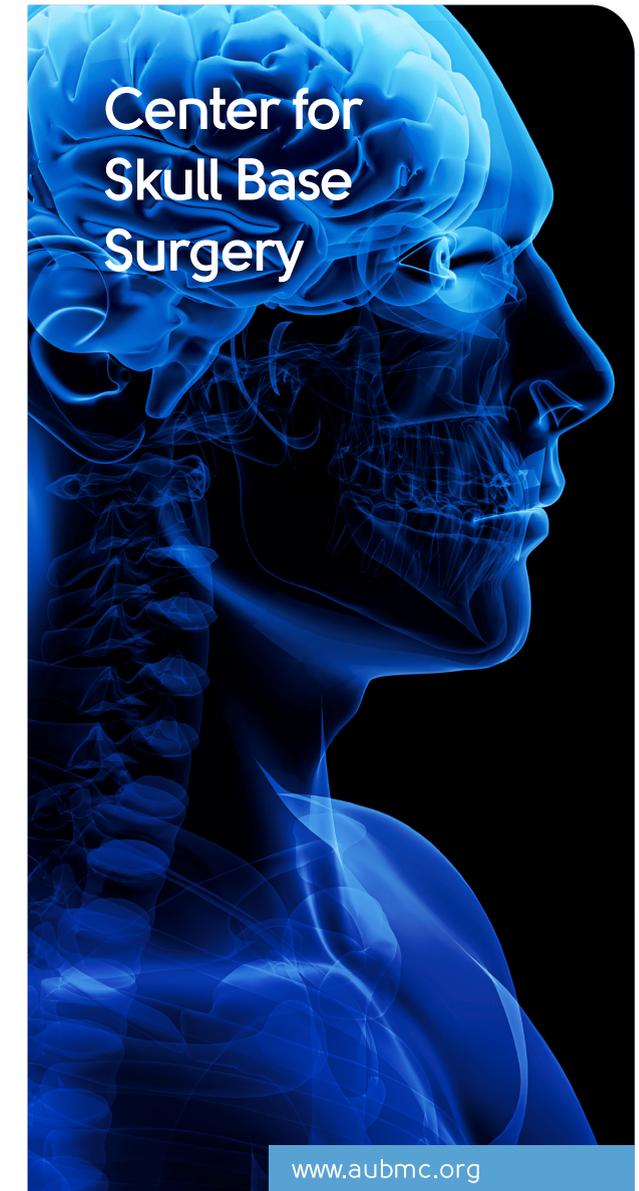
(The post-operative image on the right shows the fat packing after the complete resection of the tumor.)



Contact Information:

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Our lives are dedicated to yours

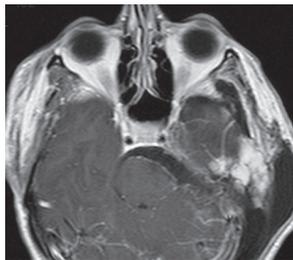
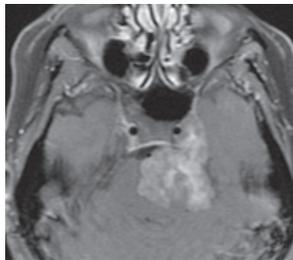
About Us

Our multidisciplinary team combines state-of-the-art technologies with the expertise of neurosurgery, head and neck reconstructive surgery, neuro-otology, rhinology and radiation oncology.

We unite specialists in medical oncology, plastic surgery, endocrinology, ophthalmology and endovascular surgery. Other supporting disciplines include physical rehabilitation, audiology and intensive care.

It is this comprehensive team approach that differentiates the Center for Skull Base Surgery at the American University of Beirut medical Center, a unique multidisciplinary center which is the first of its kind in the entire region.

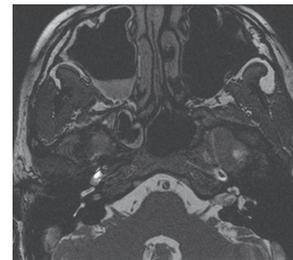
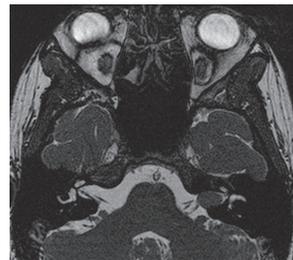
Pre- and post-operative axial MRI of a patient with a trigeminal nerve schwannoma. Patient underwent a complete resection of the tumor through a petrosal skull base approach. The patient had an excellent functional outcome.



Pathologies We Treat

- Skull Base Meningiomas
- Acoustic Neuromas
- Schwannomas
- Pituitary Tumors
- Chordomas/Chondrosarcomas
- Paragangliomas (Glomus Tumors)
- Aesthesioneuroblastomas
- Cerebrospinal Fluid Leaks
- Fibrous Dysplasia
- Cholesterol Granulomas of the Petrous Apex
- Cholesteatomas
- Sinuses and Nasal Cancer
- Juvenile Angiofibroma
- Orbit Tumors
- Nasopharyngeal Carcinoma
- Temporal Bone Cancer
- Cranial Base Osteomyelitis
- Facial Nerve Pathology
- Trigeminal Neuralgia, Hemifacial Spasm

Pre- and post-operative MRI of a patient with a vestibular schwannoma. Patient preserved serviceable hearing and normal facial nerve function after the operation.



Skull Base Surgery

Various different pathologies originate from or extend into the base of the skull. Treatment of lesions of the skull base may involve surgery, radiation therapy, chemotherapy or a combination of therapies.

Because of their location and proximity to other vital structures, skull base lesions present unique challenges for surgeons. Recent advances in diagnostic and surgical techniques have made the area more accessible to surgery, providing new treatments for these patients.

Radiosurgery

Radiosurgery is often a treatment option in the management of skull base tumors.

Endoscopy

This technique allows surgeons to access the skull base through the nostrils, often avoiding the need for external incisions.