



This speciality shines a very focused interest on the diseases of the nasal sinuses and the skull base. Surgeons in this field have a lot of collaborations with medical, surgical, and other health services . In general the focus can be categories into Rhinology and Skull Base Disease and Tumor Management.

Rhinology and Skull Base Disease

- Rhinosinusitis (all forms - including):
 - Acute, chronic, acute exacerbation of chronic, or recurrent acute
 - Maxillary, ethmoid, frontal, sphenoid sinuses
 - Fungal rhinosinusitis
 - Invasive
 - Non-invasive (extra-mucosal)
 - Allergic
 - Non-allerg
 - Nasal Polyposis
 - Mucoceles / Mucopyoceles
 - Cystic fibrosis related sinus disease
- Nasal obstruction
 - Nasal valve collapse
 - Deviated septum
 - Turbinate hypertrophy
 - Disordered breathing during sleep (apnea & snoring)
 - Choanal atresia
 - Septal perforation
- Inhalant allergies (dust, mold, pet, weeds, grasses, trees)
- Epistaxis (nose bleeds)
 - Hereditary Hemorrhagic telangiectasia (Osler Weber Rendu)
- Cerebrospinal Fluid (CSF) Leaks
- Encephaloceles of the anterior and middle cranial fossa
- Tumors of the nose, sinuses and anterior skull base including
- Sinus related head pain
- Disturbances of sense of smell (olfaction)
- Trauma of the nose and sinuses
- Eye Disease Related to the Sinonasal Passages
 - Grave's Dysthyroid Orbitopathy
 - Orbital Abscess/Subperiosteal abscess
 - Compressive Optic Neuropathy
 - Epiphora (pathologic tearing of the eye)
- Granulomatous sinonasal disease
 - Wegener's granulomatosis
 - Sarcoidosis
 - Amyloidosis

Tumors Management

Benign Tumors

- Osteoma
- Ossifying fibroma
- Fibrous dysplasia
- Oncocytic/cylindric cell papilloma
- Inverted papilloma
- Juvenile nasal angiofibroma
- Hemangioma of pregnancy
- Giant cell tumor
- Cholesterol granuloma
- Clival Chordoma
- Meningioma
- Nasal dermoids

Malignant Tumors

- Squamous cell carcinoma
- Malignant melanoma
- Adenocarcinoma
- Adenosquamous carcinoma..
- Leiomyosarcoma
- Chondrosarcoma
- Esthesioneuroblastoma
- Spindle cell carcinoma.
- Adenoid cystic carcinoma.
- Sinonasal undifferentiated carcinoma (SNUC)
- Malignant peripheral nerve sheath tumor
- Ameloblastoma
- Metastatic cancers to the nose & sinuses
- Plasmacytoma
- Lymphoma

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