

Sinonasal Neoplasm

- Most common locations for Primary CA:
 - Maxillary sinus > Nasal cavity > Ethmoid cells
 - Frontal/Sphenoid < 2 %
- Most common tumors in Adults
 - SCCA >>
 - Esthesioneuroblastoma,
 - Melanoma,
 - Adenoid cystic carcinoma

Malignant Sinus Lesions

- Squamous cell ca (most common)
- Glandular origin
- Olfactory neuroblastoma
- Sinonasal undifferentiated ca
- Melanoma
- Lymphoma

COMMON IMAGING FINDINGS

- Bone destruction
- Local extension/invasion
- Intracranial extension

Malignant Sinus Lesions

- “Sinusitis” mimic
- Adults, M > F
- Usually advanced when detected
 - Early small lesions clinically attributed to inflammatory sinus disease
- Maxillary, ethmoid most common
- SCCa – 80-90%

Most important imaging goal

Extension of disease

