

# 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

