

TONGUE  
MASSES

# Swellings of the Tongue

- Traumatic Fibroma
- Pyogenic Granuloma
- Traumatic granuloma
- Tongue Abscess
- Mucocele (Anteroventral)
- Squamous Cell Carcinoma
- Mesenchymal Tumors
- Salivary Tumors

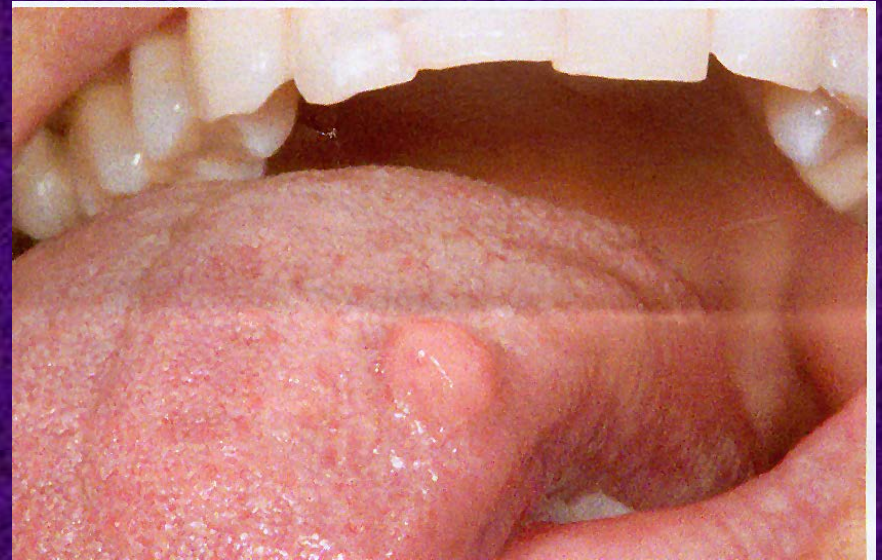
# Traumatic Fibroma

- Most common mass of tongue
- Tongue biting history
- Lateral, anterior dorsal
- Dome shaped
- Normal fibrous tissue

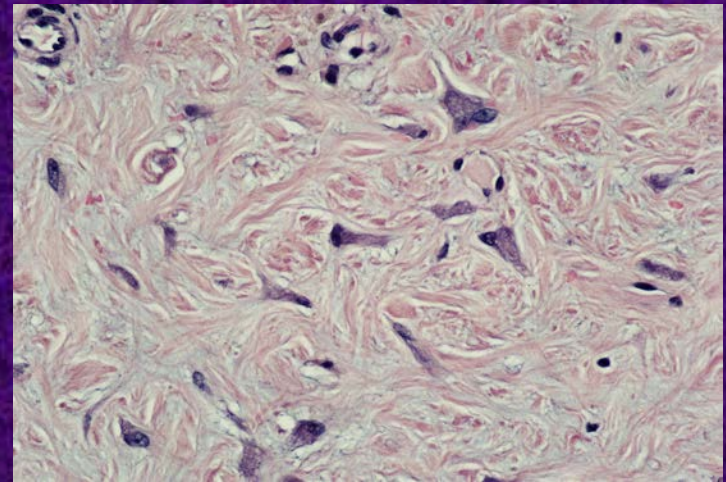
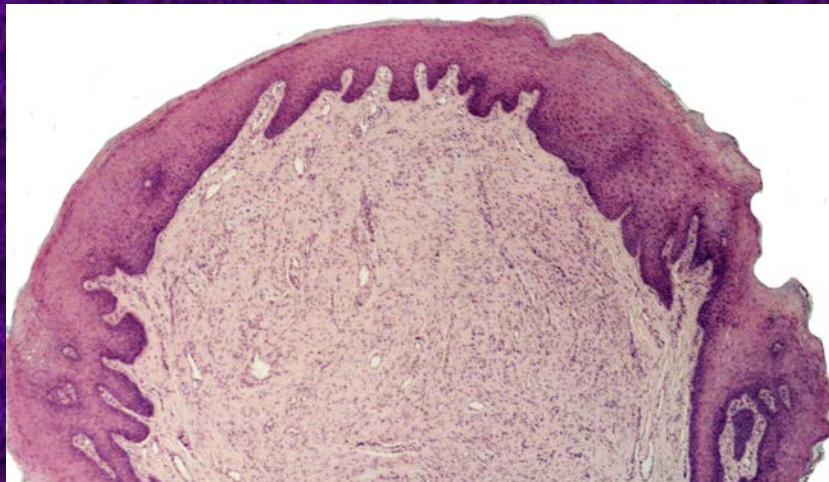
# Traumatic Fibroma



Ordinary Traumatic Fibroma



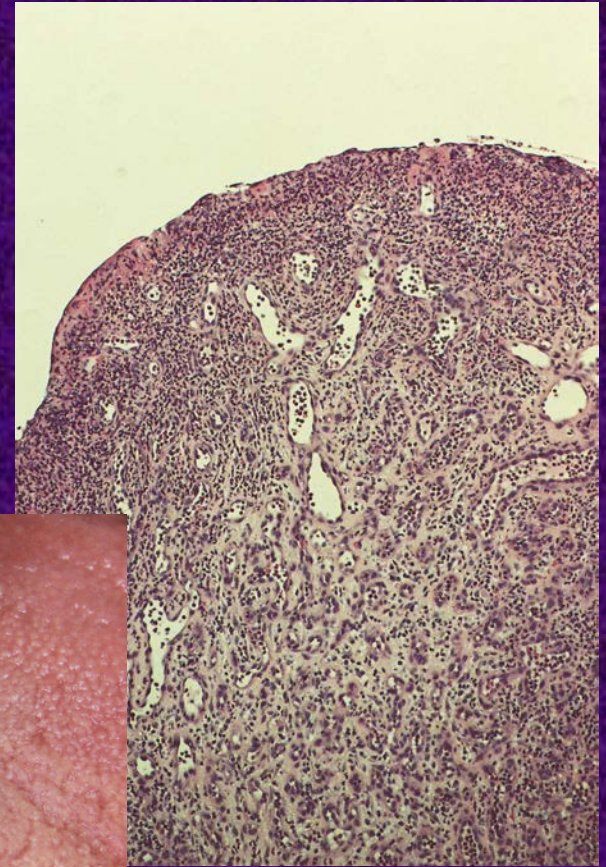
Giant Cell Fibroma



# Pyogenic Granuloma

- Reaction to Trauma H
- Reddish-purple
- Pseudomembrane, ulcerated
- Highly vascular granulation tissue
- Simple excision

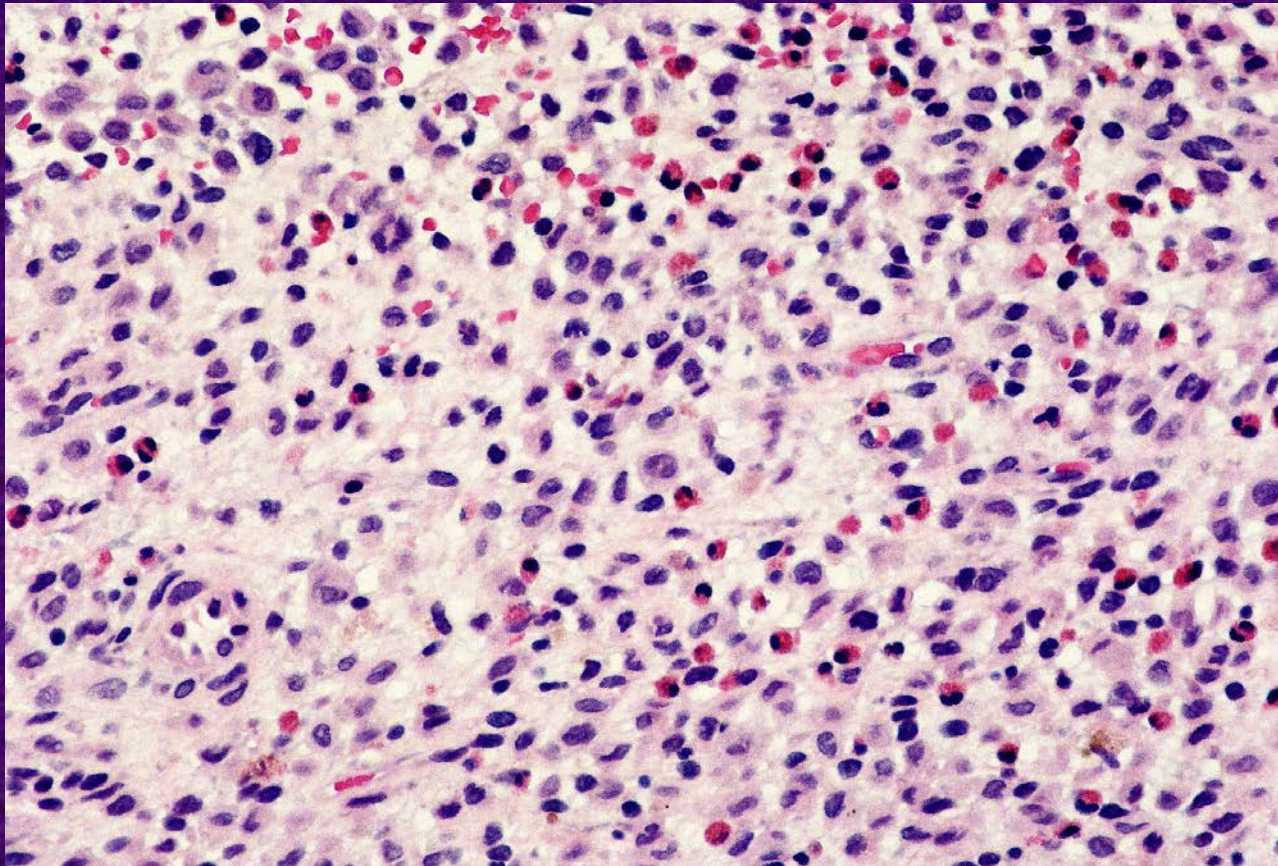
# Pyogenic Granuloma



# Traumatic Ulcerative Granuloma with Stromal Eosinophilia

- Trauma history is not always apparent
- Large ulcerations with tumefaction
- May be multiple
- Characteristic Histology
  - Histiocytes and Eosinophils
  - Resembles Langerhans cell histiocytosis
- Often heal after incisional biopsy

# Traumatic Ulcerative Granuloma with Stromal Eosinophilia (TUGSE)



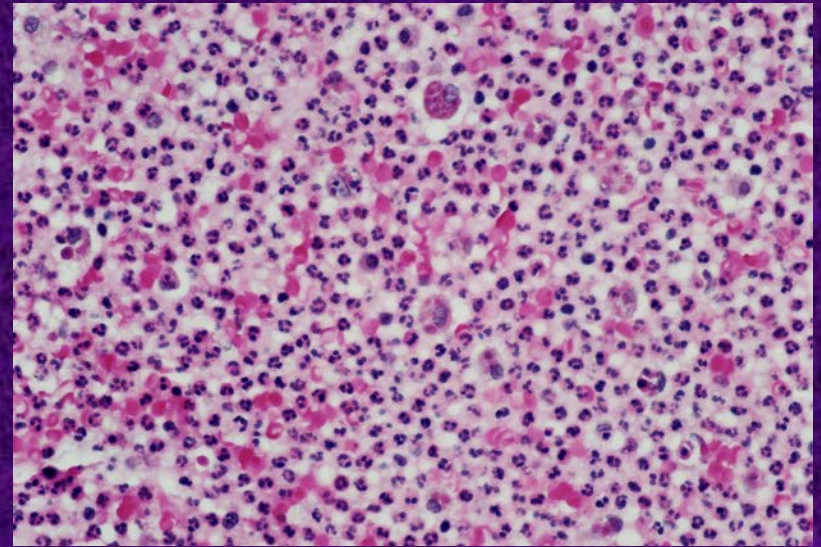


# Abscess

- Sharp Trauma
- Foreign Body
- Pyogenic Bacteria
- Fistula
- Painful mass

# Submucosal Abscess

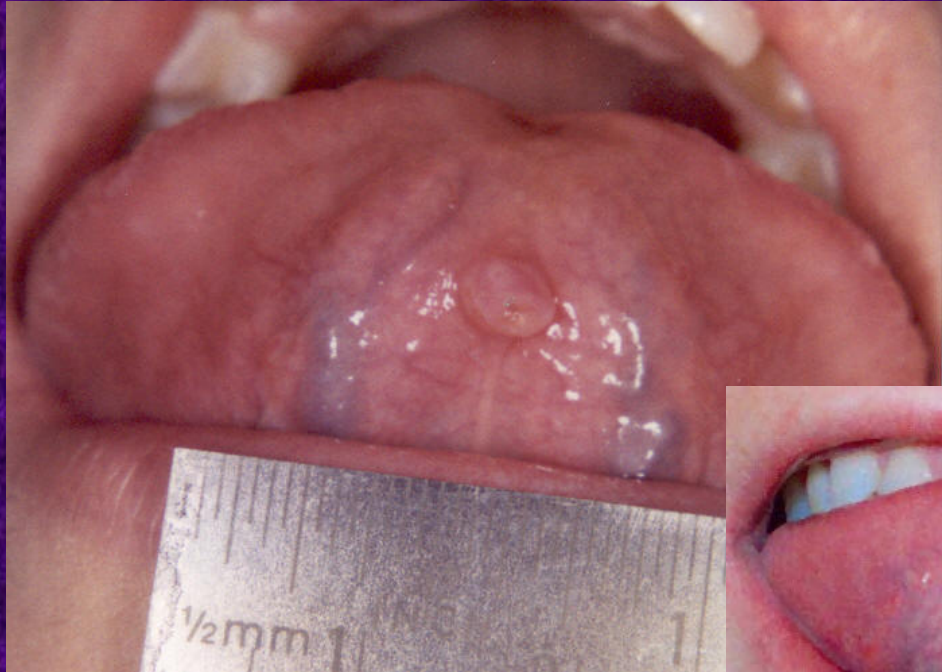
## fish bone



# Mucocele

- Anterior Ventral
- Blandin Nuhn glands
- Tendency for recurrence

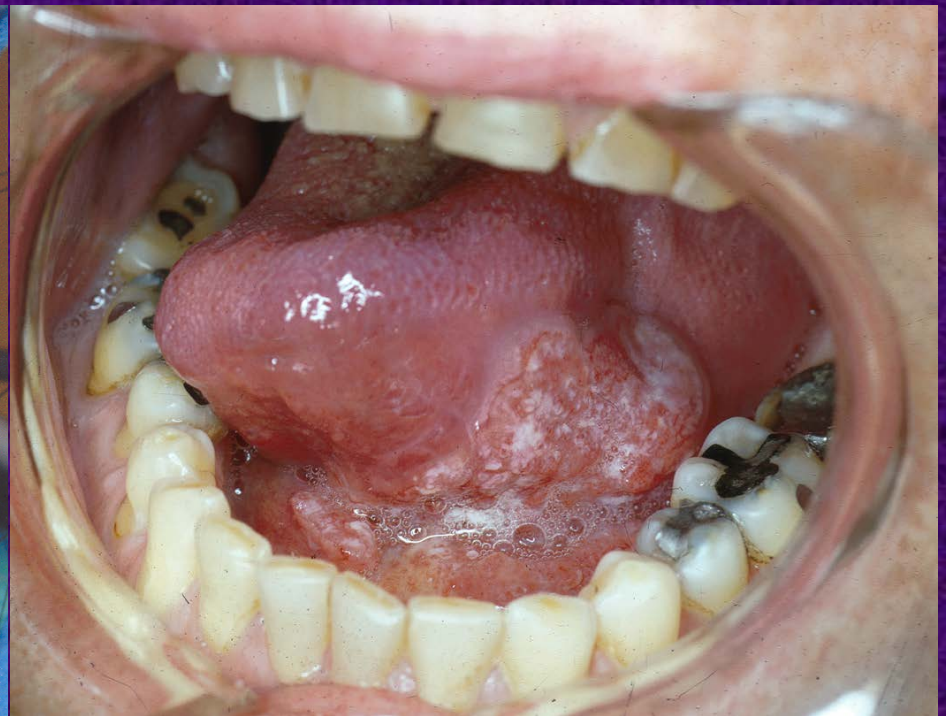
# Mucocele (Blandin-Nuhn)



# Squamous Cell Carcinoma

- Lateral, ventral and base
- Rare on dorsum
- Smoking/Alcohol Risk Factors
- HPV 16, tongue base tumors
- Histology
  - Differentiation
  - Basaloid variant
  - Spindle cell variant (Hx XRT)
- Wide resection, XRT

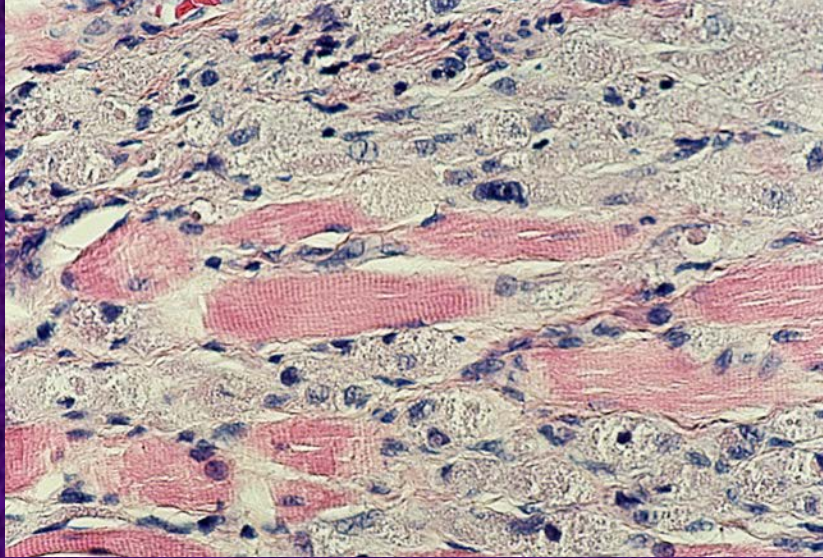
# Squamous Cell Carcinoma



# Mesenchymal Tumors

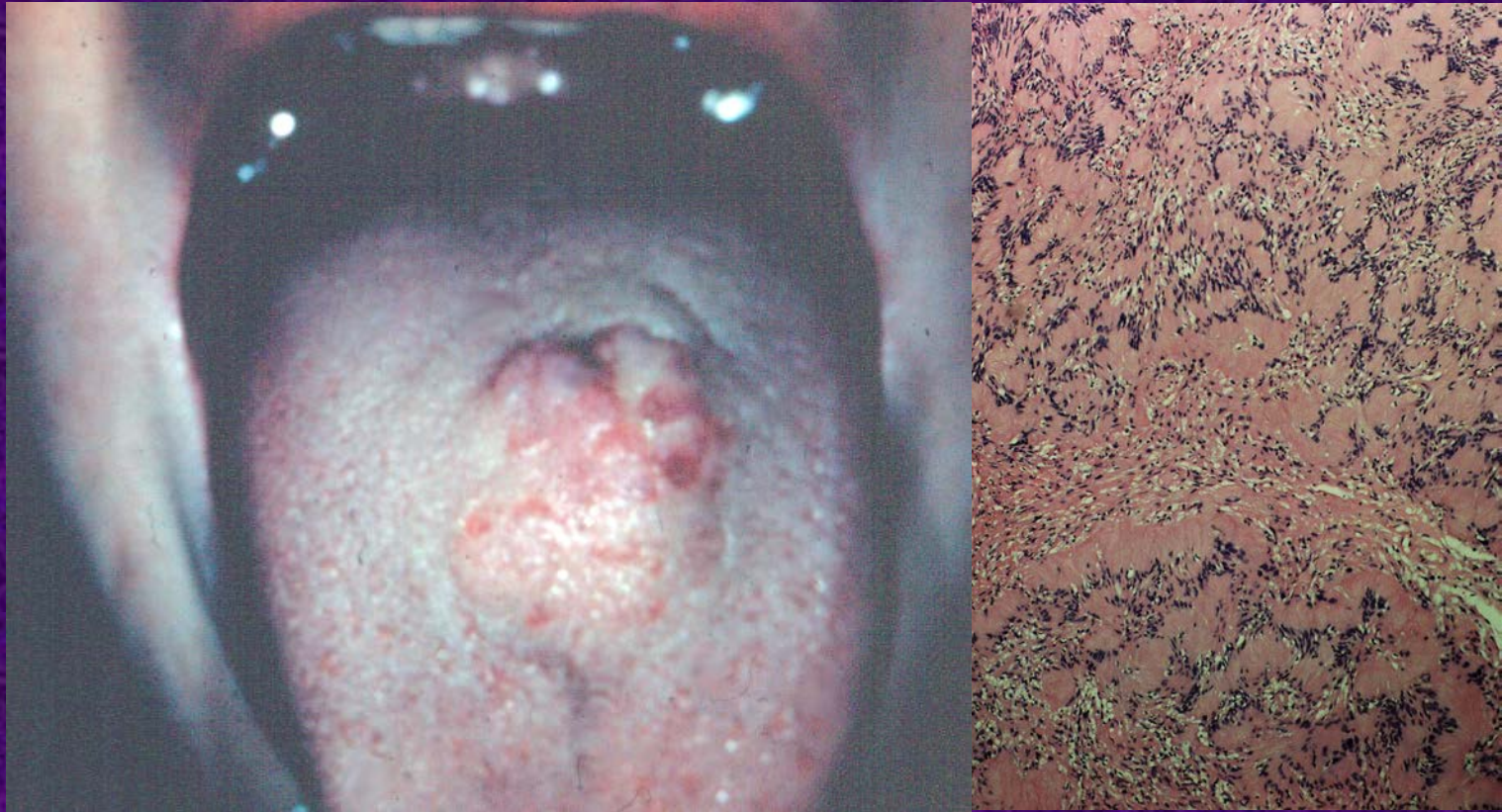
- Vasculature
  - Hemangioma
  - Lymphangioma
- Nerve Sheath
  - Neurofibroma
  - Neurilemmoma
  - Granular Cell Tumor
- Muscle
  - Granular Cell Tumor (?)
  - Rhabdomyoma

# Granular Cell Tumor

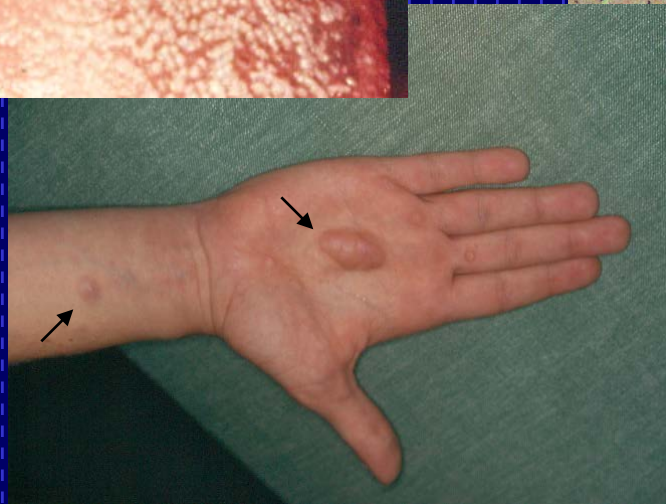
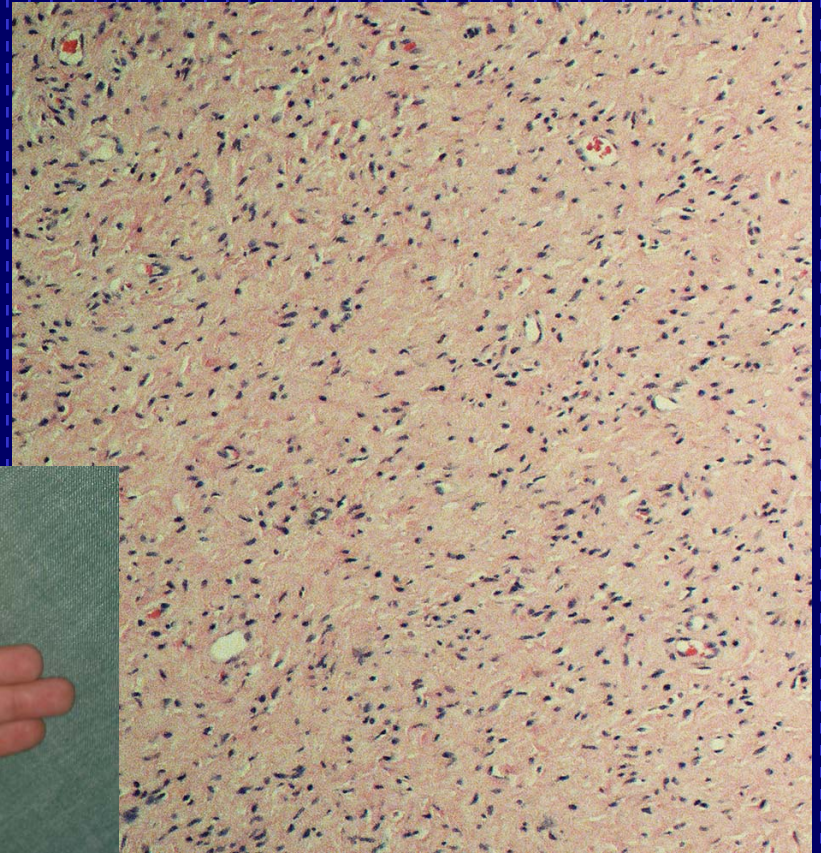
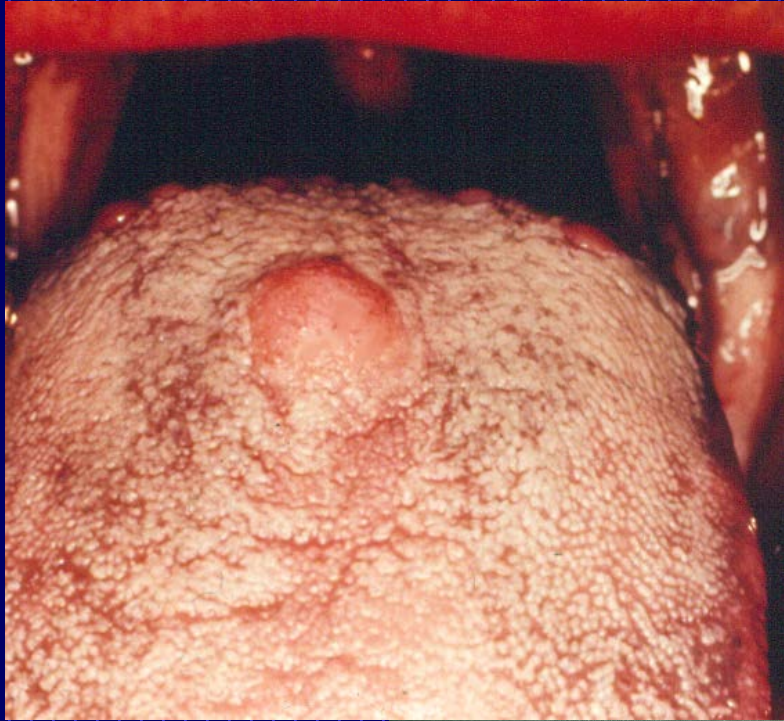




# Neurilemmoma

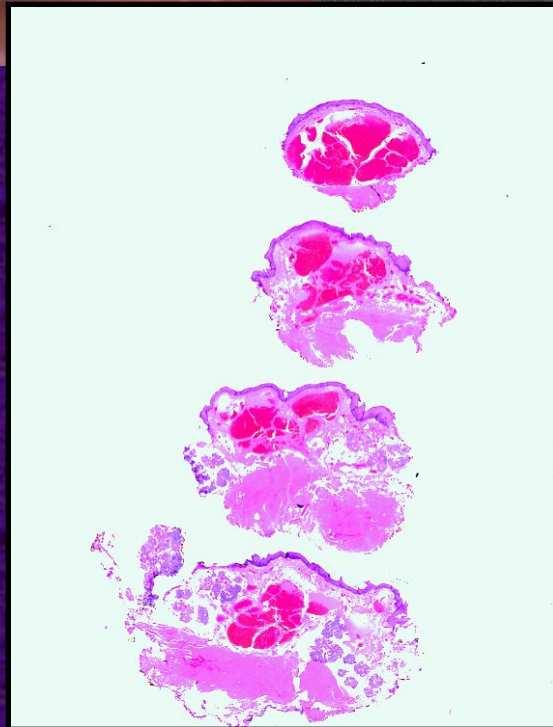
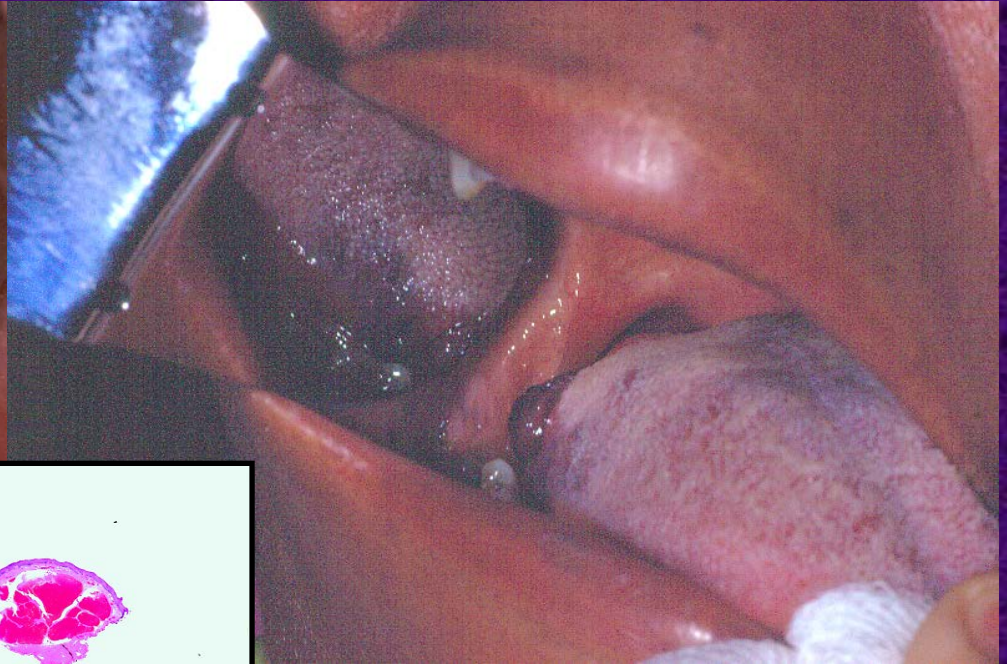
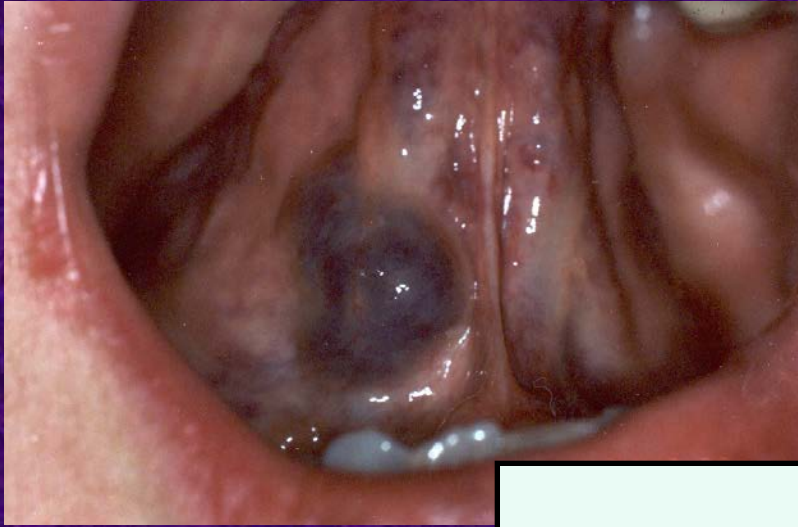


# Neurofibroma

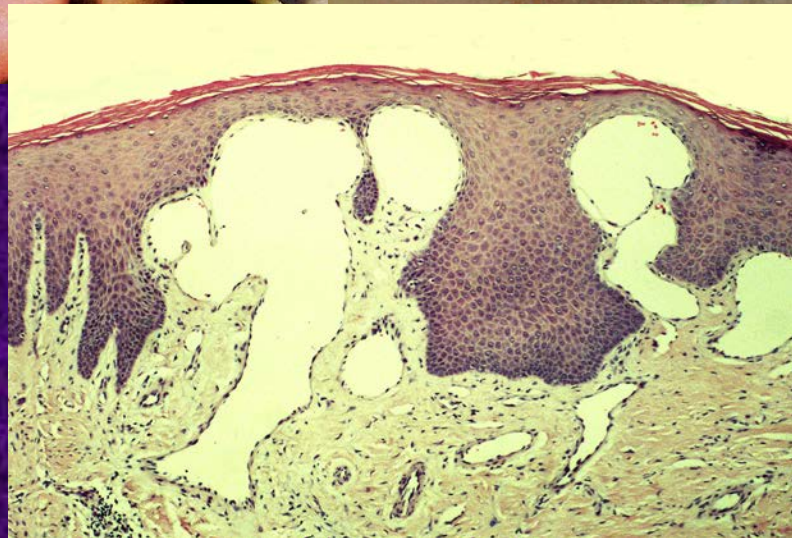
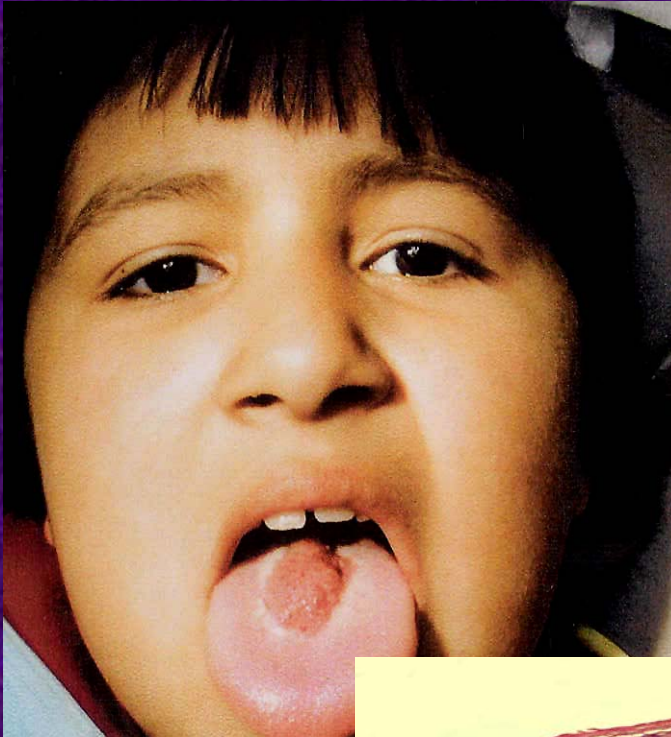


Neurofibromatosis

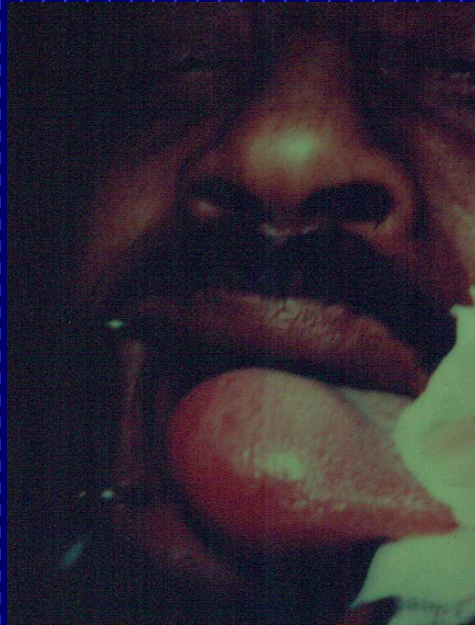
# Hemangioma



# Lymphangioma



# Other Benign Mesenchymal Tumors

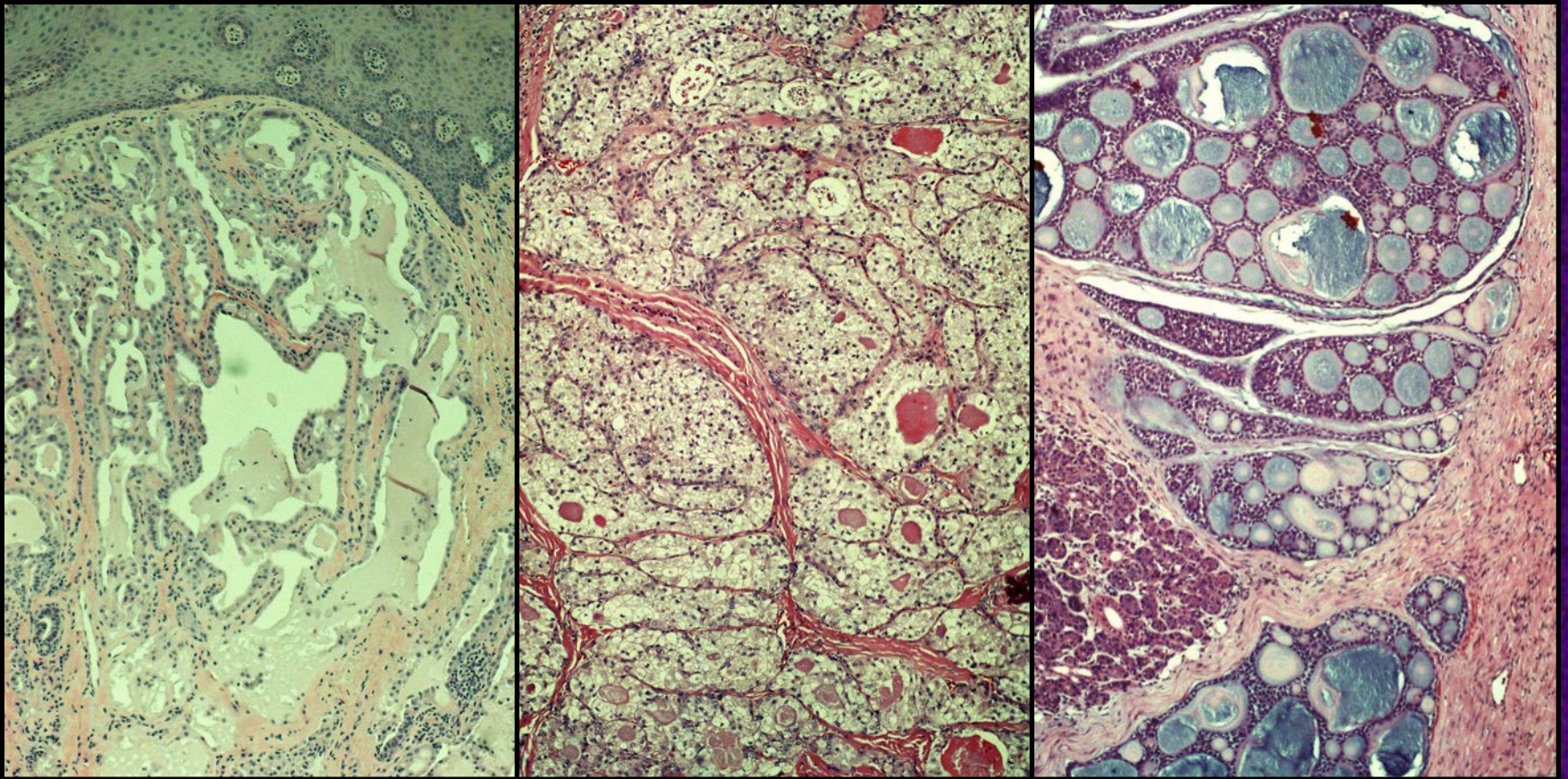


Lipoma

# Salivary Tumors

- Tongue Base
- vonEbner gland group
- Tend to have poor prognosis
- Histologic Subtypes
  - Mucoepidermoid CA
  - Adenoid Cystic CA
  - Adenocarcinoma, NOS

# Salivary adenocarcinoma



Mucoepidermoid CA    Clear Cell AdenoCA    Adenoid Cytic CA

# Sarcomas

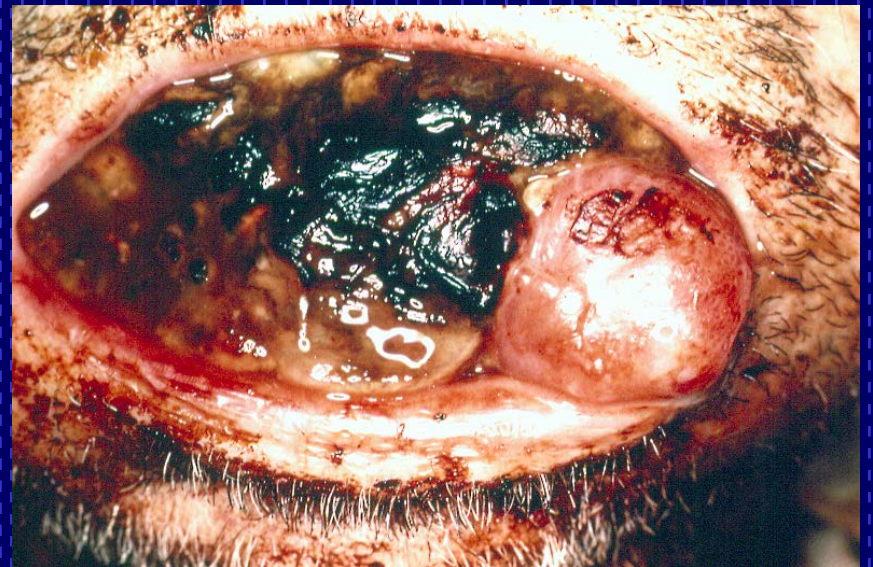
- All are extremely rare
  - Fibrosarcoma
  - Neurogenic Sarcoma
  - Rhabdomyosarcoma



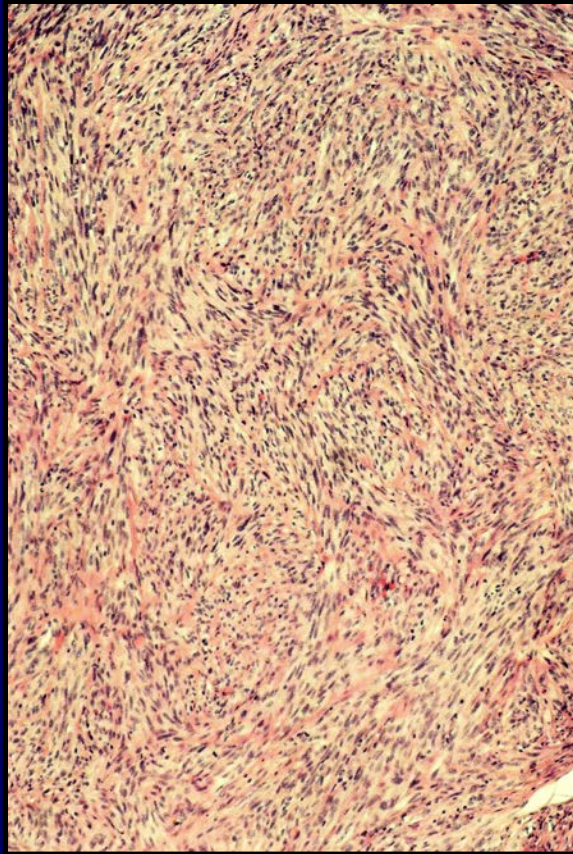
# Rhabdomyosarcoma



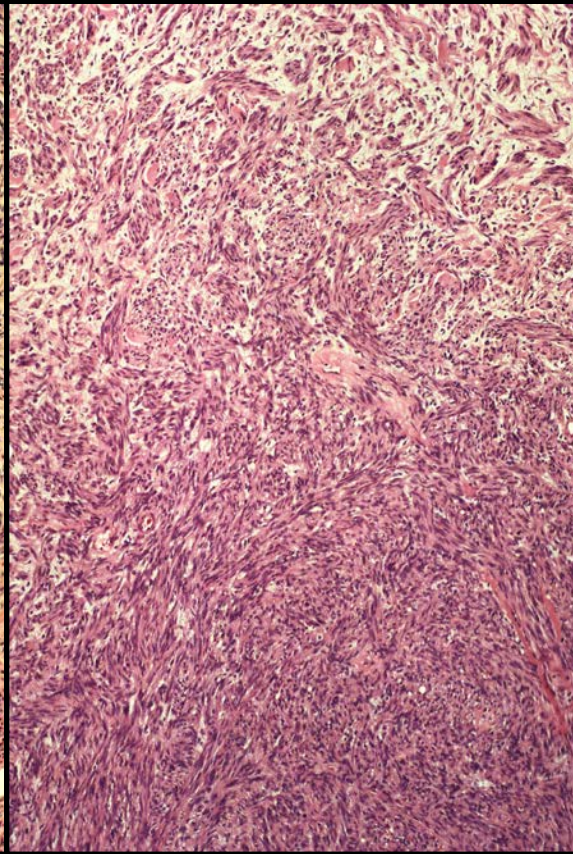
6 weeks



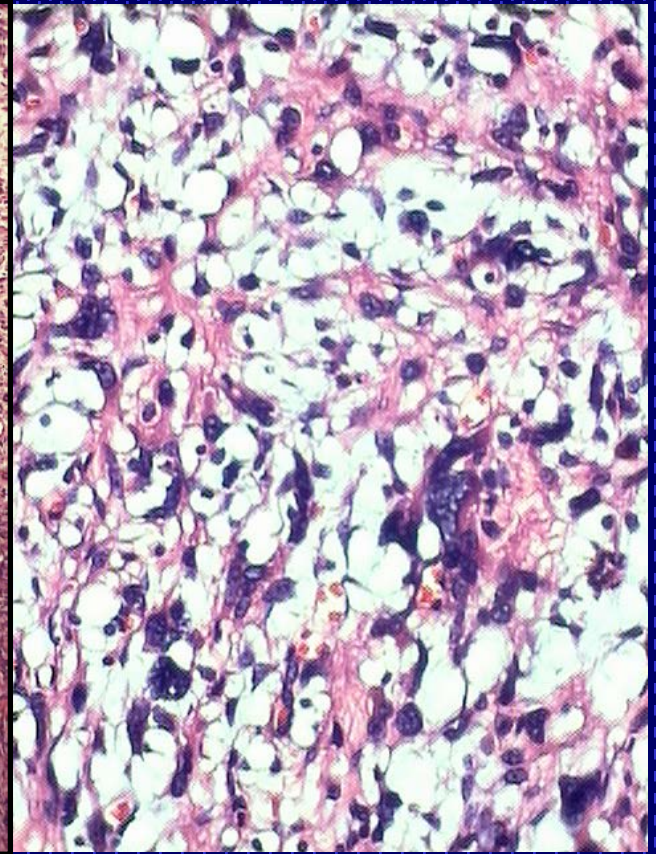
# Sarcomas



Fibrosarc



Neurosarc



Liposarc