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
Other Benign Mesenchymal Tumors

Lipoma
Salivary Tumors

- Tongue Base
- von Ebner gland group
- Tend to have poor prognosis
- Histologic Subtypes
  - Mucoepidermoid CA
  - Adenoid Cystic CA
  - Adenocarcinoma, NOS
Salivary adenocarcinoma

Mucoepidermoid CA  Clear Cell Adenocarcinoma  Adenoid Cystic CA
Sarcomas

• All are extremely rare
  – Fibrosarcoma
  – Neurogenic Sarcoma
  – Rhabdomyosarcoma
Rhabdomyosarcoma
Sarcomas

Fibrosarc

Neurosarc

Liposarc