

Bilateral Salivary Region Swellings

Bilateral Salivary Masses

- Endemic Parotitis (Mumps)
- Bacterial (Surgical) Sialadenitis
- Sjogren Syndrome
- Mikulcz Disease
- Heerfordt Syndrome
- Dysgenetic cysts
- HIV Multicystic Salivary Disease
- Warthin Tumor
- Metabolic Sialadenoses
- Bulimia

Endemic Parotitis

- Childhood onset
- Mumps virus infection
- Pain on salivation
- Elevated ear lobe
- Exudate from Stenson's duct
- Elevated serum amylase
- Systemic Involvement

Bacterial (postsurgical) Sialadenitis



Sjögren Syndrome

- Primary Sicca Syndrome
 - Keratoconjunctivitis sicca
 - Xerostomia
 - Xerophthalmia
- Secondary Sjogren syndrome
 - Rheumatoid Arthritis
 - Other collagen ‘autoimmune’ diseases
- Increased Risk Malignant Lymphoma

Sjögren Syndrome

Diagnosis

- SSLa, SSRo autoantibodies in serum
- RF and ANA in secondary SS
- Lower Lip Biopsy focus score
- Technesium scan
- Shirmmer lacrimation test
- Rose Bengal dye for keratoconjunctivitis
- Parotid flow rate

Xerostomia – Differential Dx

- Parasympatholytic drugs
- Post-Radiation for head and neck cancer
- Amyloidosis
- Sarcoidosis
- Anxiety disorders
- Aging

Sjögren Syndrome



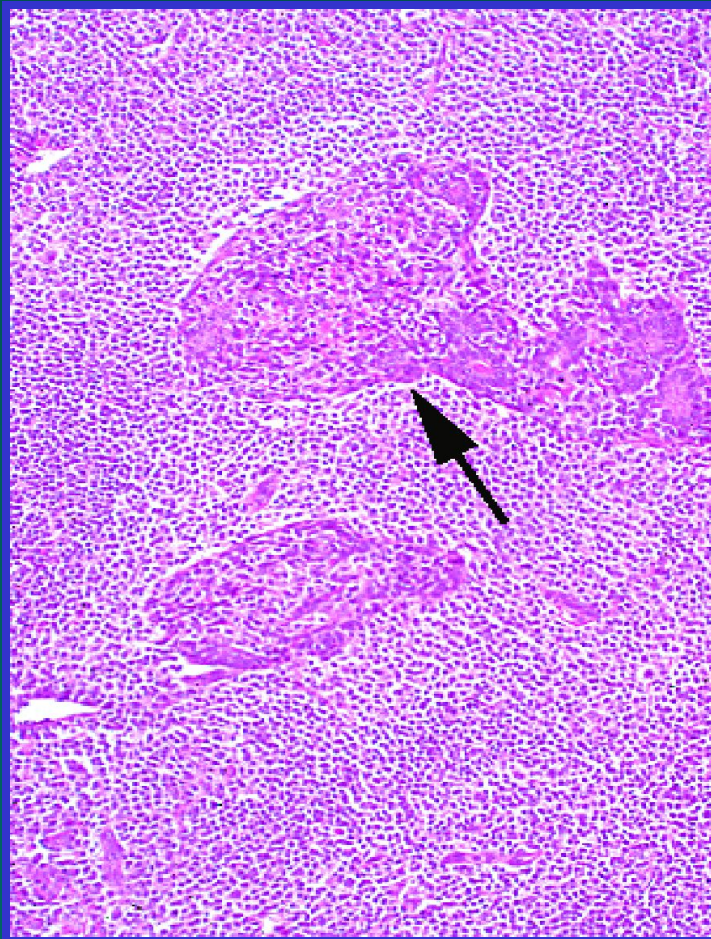
Secondary Sjögren Syndrome

Rheumatoid arthritis

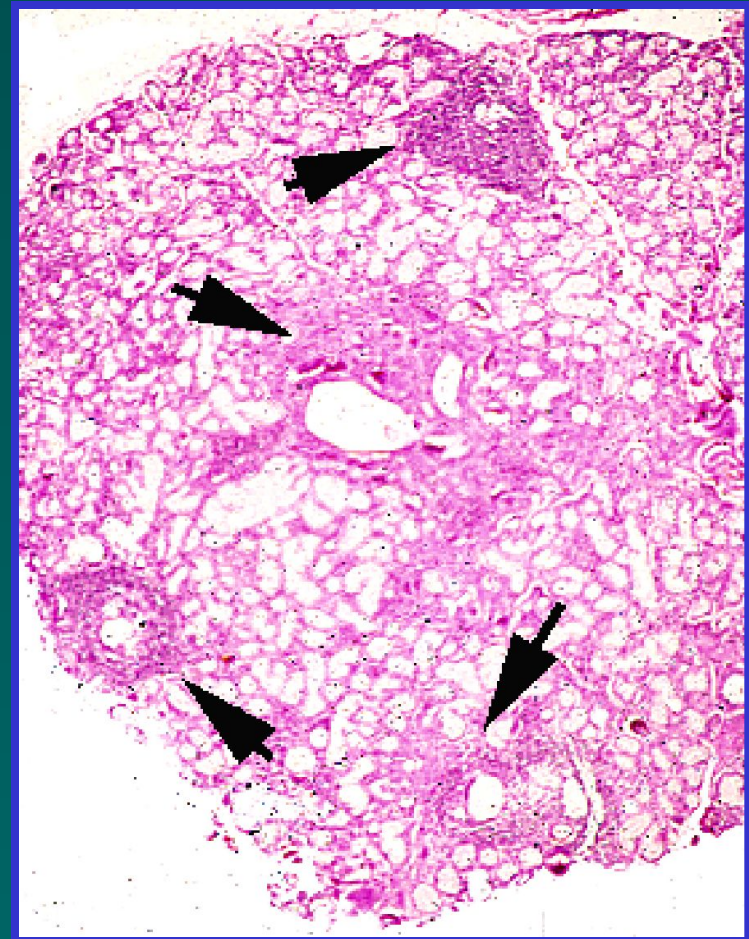


Sjögren Syndrome

Benign lymphoepithelial lesion



Lower lip focus score



Sjögren Syndrome

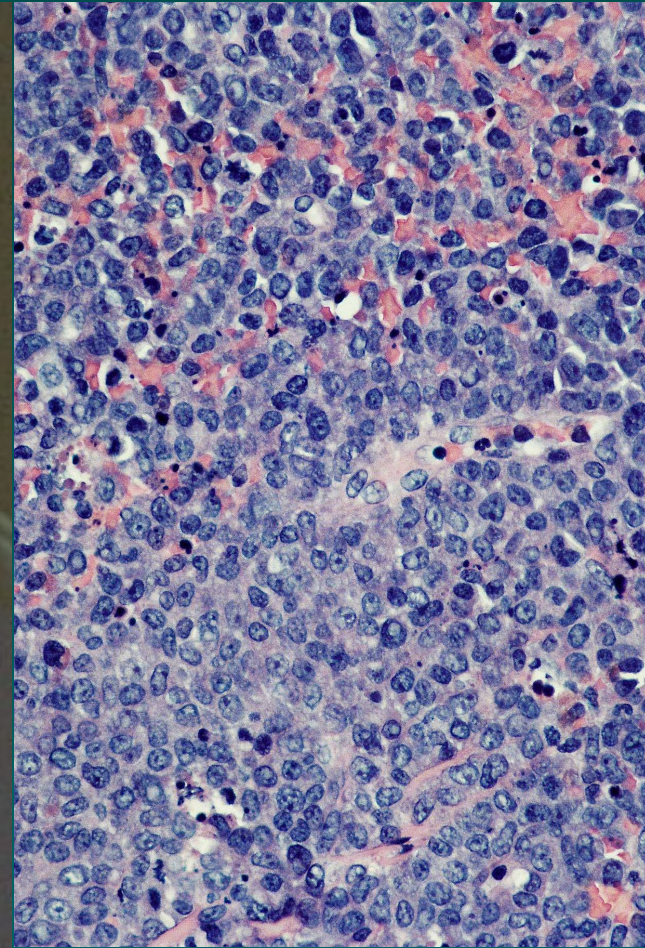


MALT LYMPHOMAS

- Helicobacter pylori associated lymphoproliferative lesions of the gut
- B cell clonality
- Low grade
- In salivary glands, usually unilateral yet may be bilateral
 - Lymphoepithelial lesion pattern
 - Plasmacytoid, histiocytoid cytology

MALT Lymphoma

Histiocytoid/Plasmacytoid



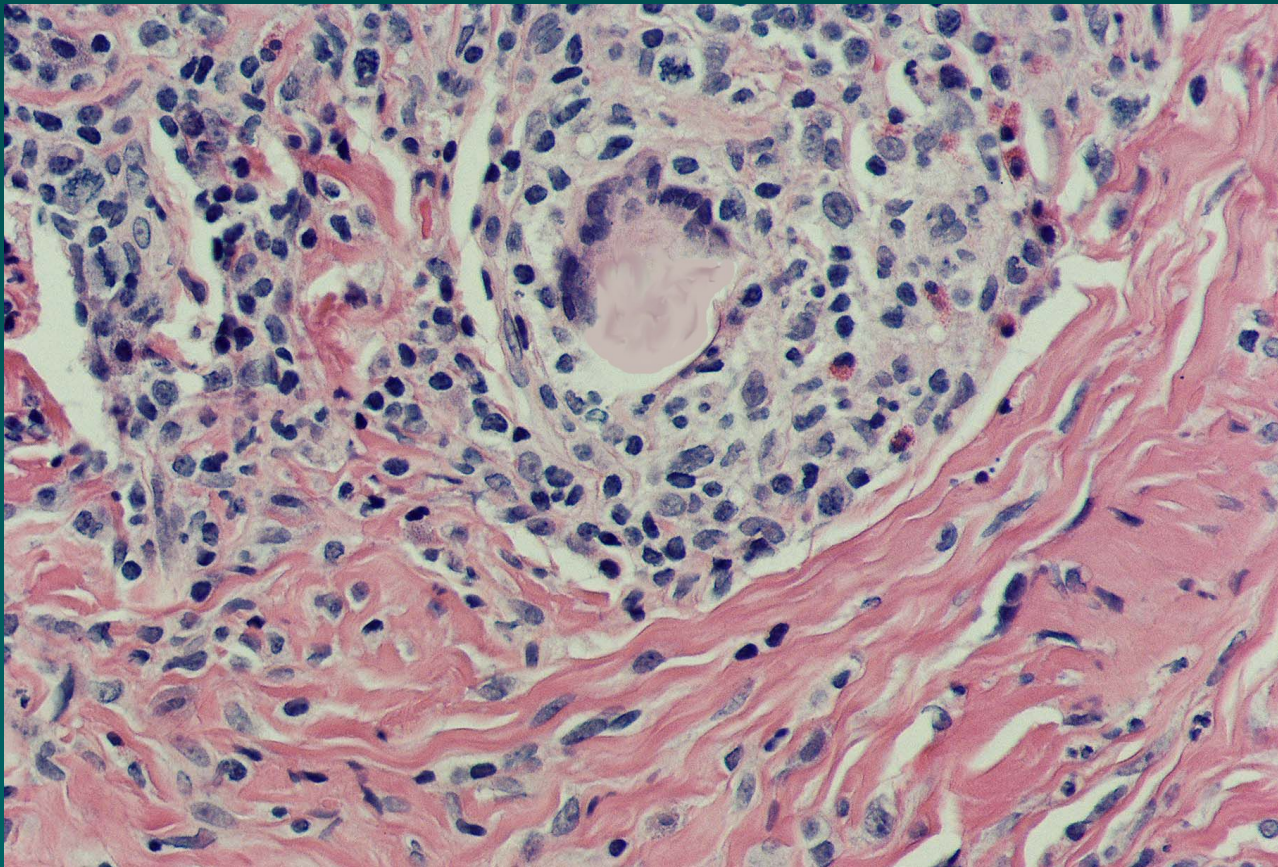
Mikulicz

- Mikulicz syndrome
- Mikulicz disease
- Both terms are confusing and should be abandoned
- Subsumed under these terms are:
 - Intraparotid lymphoma
 - Benign lymphoepithelial lesion

Heerfordt Syndrome

- Very rare
- Variant of orofacial granulomatosis
- Sarcoid granulomas replace glands
- Salivary and lacrimal glands
- May have systemic sarcoidosis

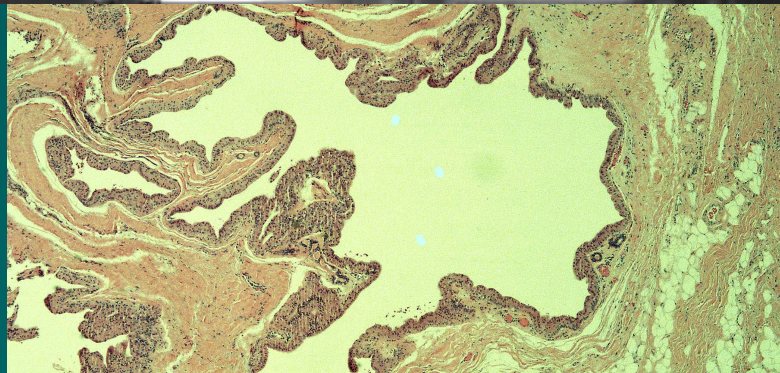
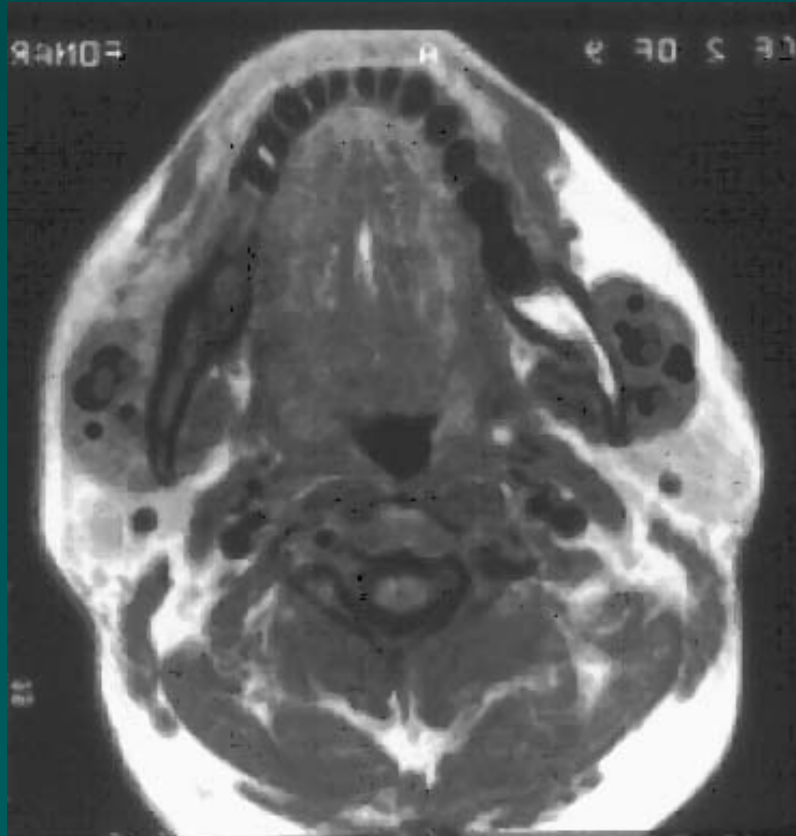
Salivary Sarcoidosis



Dysgenetic Cysts

- Congenital
- Hereditary
- Intraparotid cysts
- Multiple and multiloculated
- Normal salivary flow

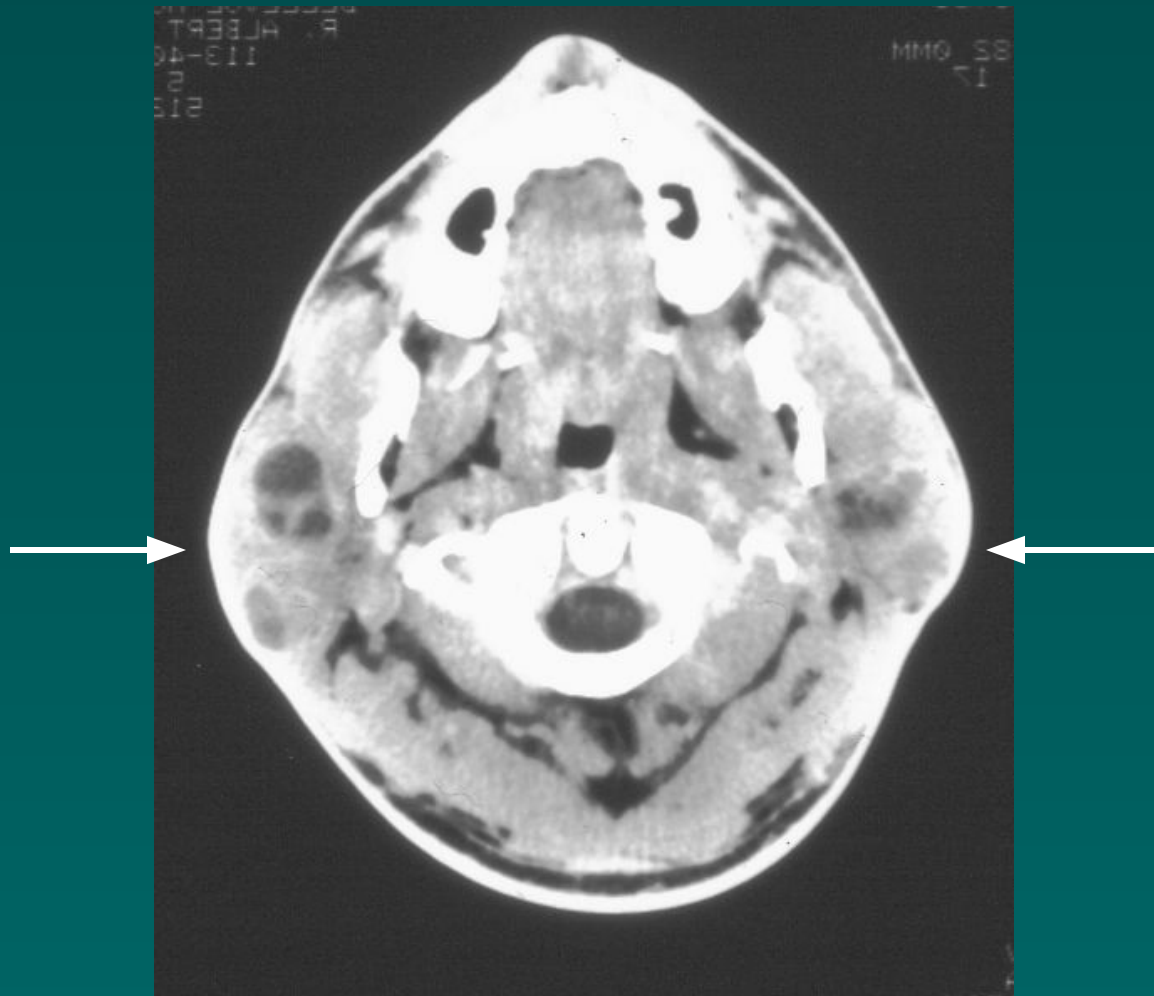
Dysgenetic Cysts of Parotid



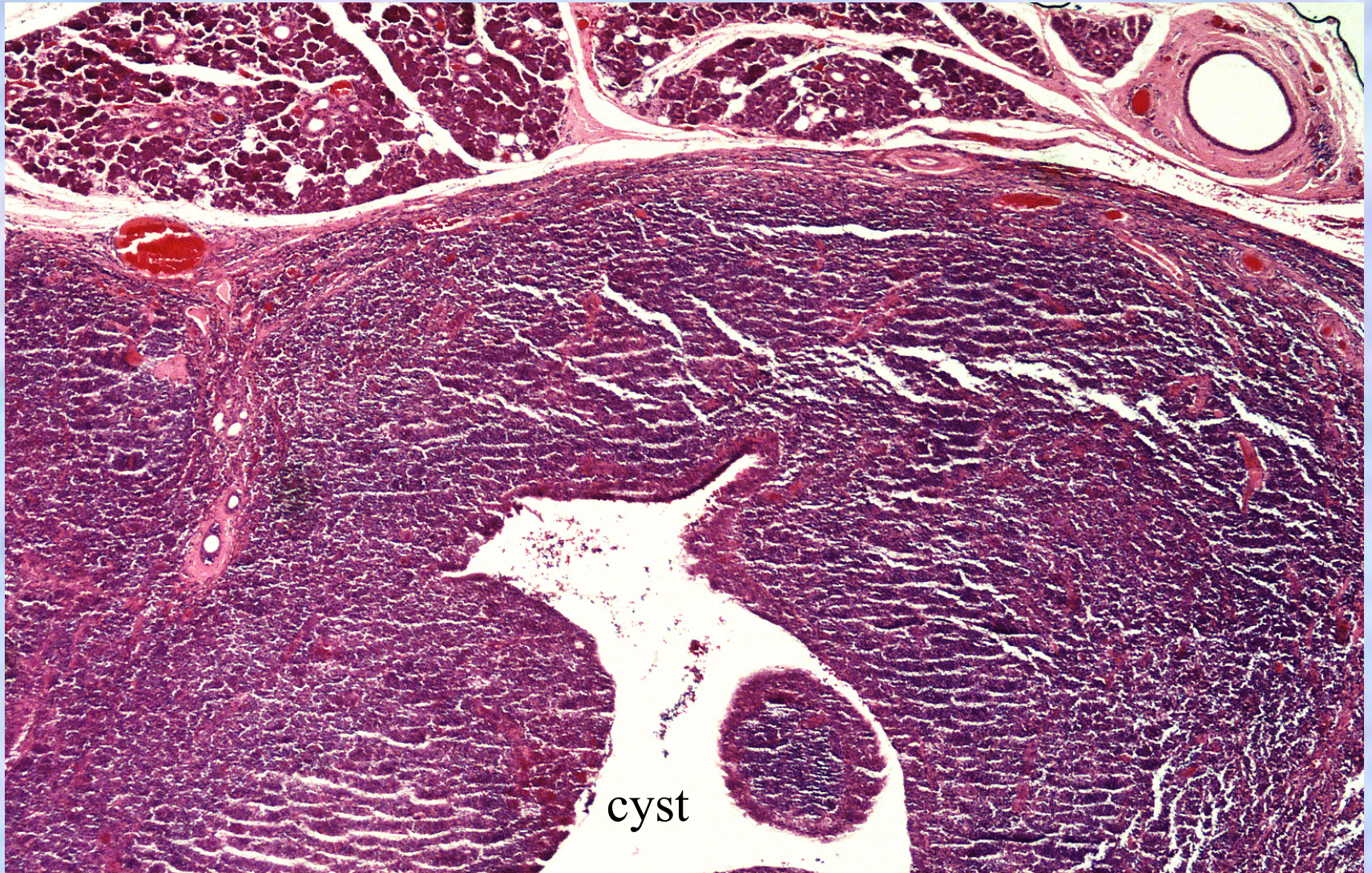
HIV Polycystic Salivary Disease

- Rare manifestation of AIDS
- Xerostomia
- MRI reveals multiple cysts
- Histology
 - Lymphocytic infiltration
 - Pronounced ductal ectasia (cysts)

HIV Polycystic Salivary Disease

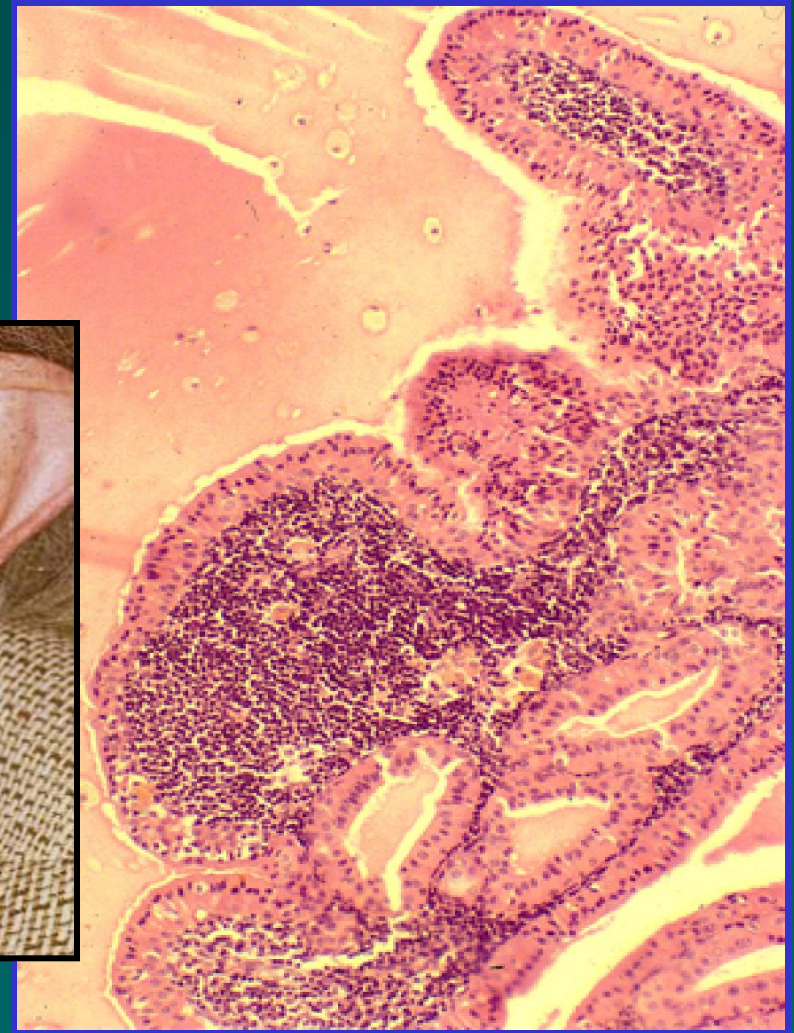


HIV parotid polycystic lymphoid lesions



Warthin Tumor

5-7% are bilateral in parotid glands



Metabolic Sialadenosis

- Diffuse soft enlargement
- Underlying metabolic disease
 - Diabetes Mellitus
 - Hypothyroidism
 - Alcoholism
 - Obesity
 - Bulimia, Anorexia
- Unremarkable histology
 - Acinar cell edema
 - Fatty infiltration
- No appreciable xerostomia

Metabolic Sialadenosis

alcoholism, diabetes, bullemlia

