

# Tearing Due to Blocked Drainage System

Kimberly Cockerham, MD, FACS

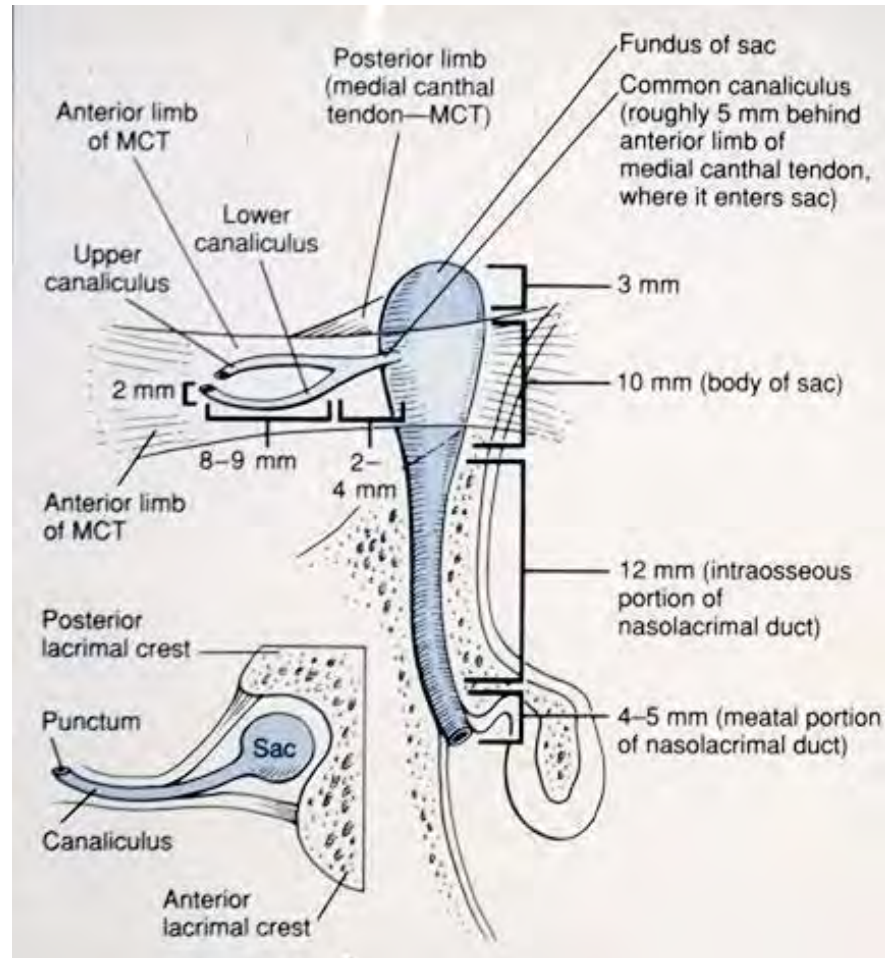
Blockage Can Occur Anywhere From the Tear Holes  
(puncta) on the Eyelid to the Duct Opening in the  
Nose

Puncta

Canaliculus

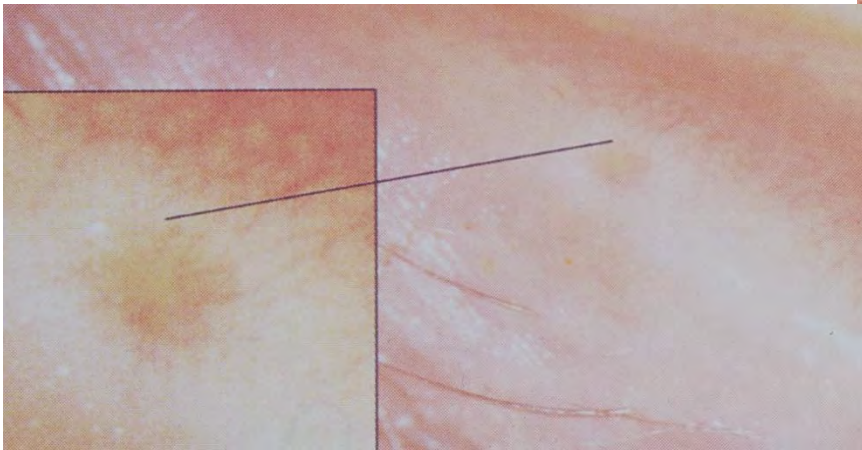
Lacrimal sac

Lacrimal duct



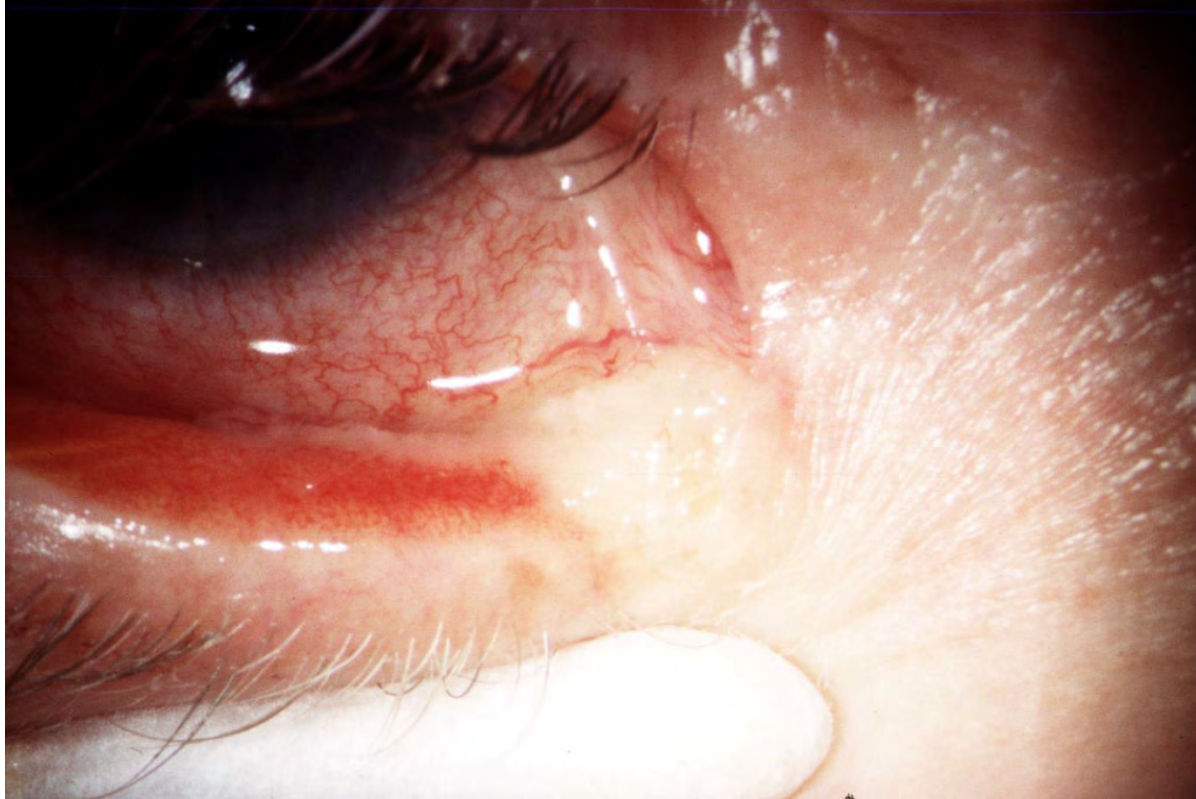
# Punctal Stenosis

- Inflammation
- Topical drops
- Exposure



RX = punctopexy

# Punctal Infiltration



RX = Excision and Reconstruction

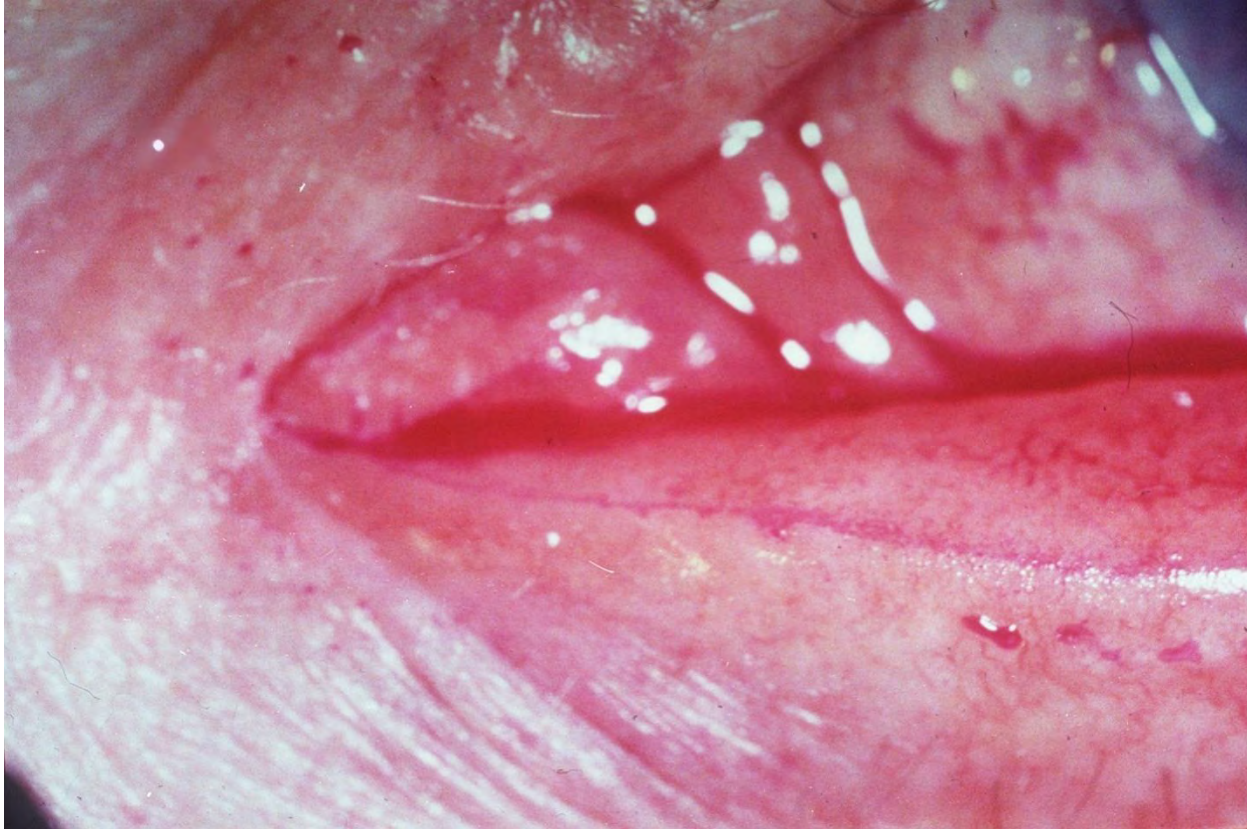


# Canalicular Abnormality

- Infection (canaliculitis)
- Trauma
- Chemotherapy
- Topical medications (glaucoma drops)



# Canaliculitis



*Actinomyces*: three snip followed by topical Penicillin G

# Nasolacrimal Duct Obstruction

- Infection
- Inflammation
  - Wegner's
  - Sarcoidosis
  - Steven's Johnson
  - Herpes
- Intranasal abnormality



Dacryocystitis

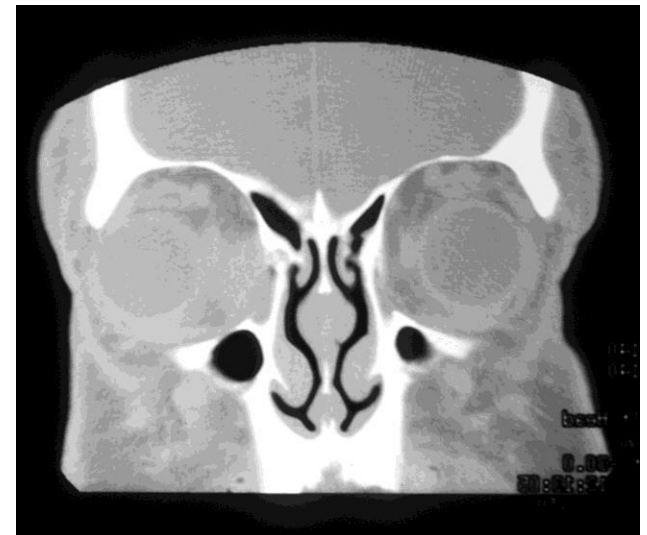
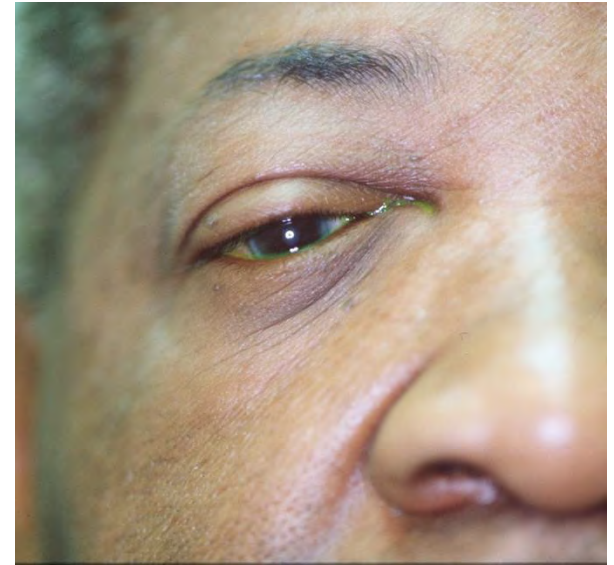
# Lacrimal Sac Mass

- Inflammation

- Sarcoidosis
- Non-specific inflammation

- Neoplasia

- Squamous cell carcinoma
- Lymphoma

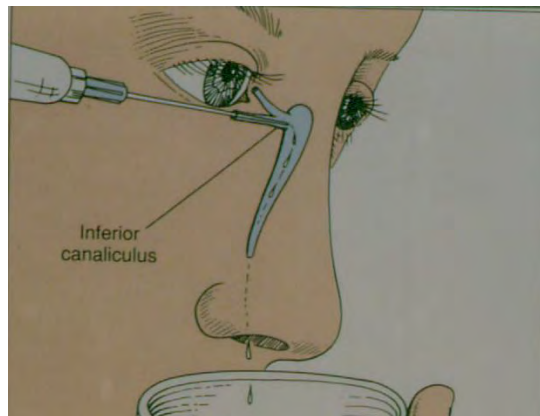




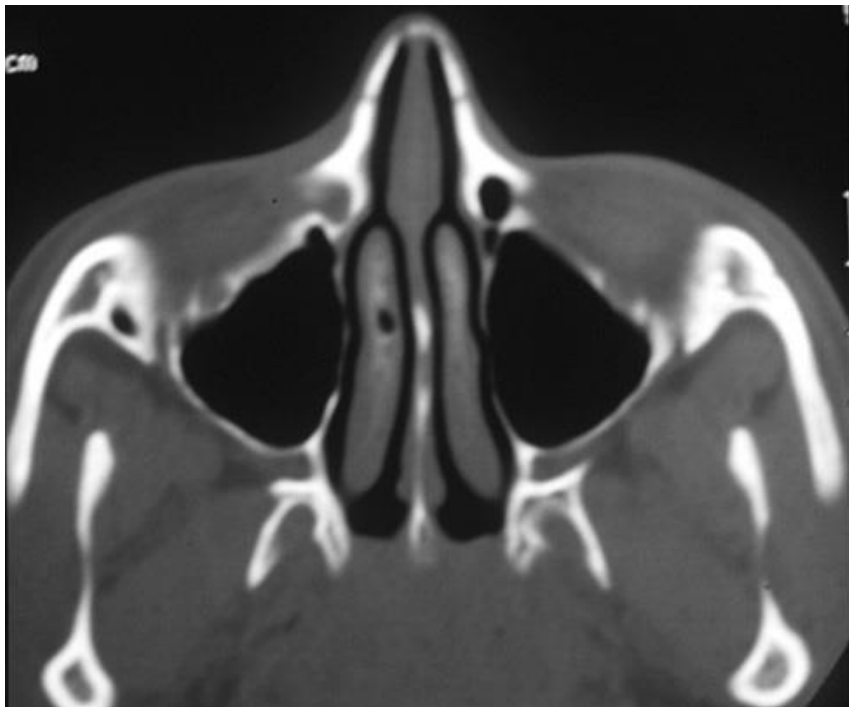
# Evaluation of the Wet Eye

- Irrigation

- Flows freely to mouth or nose
- System not structurally blocked
- Functional block still possible



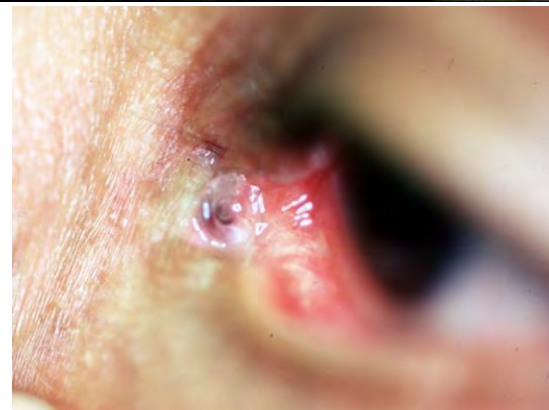
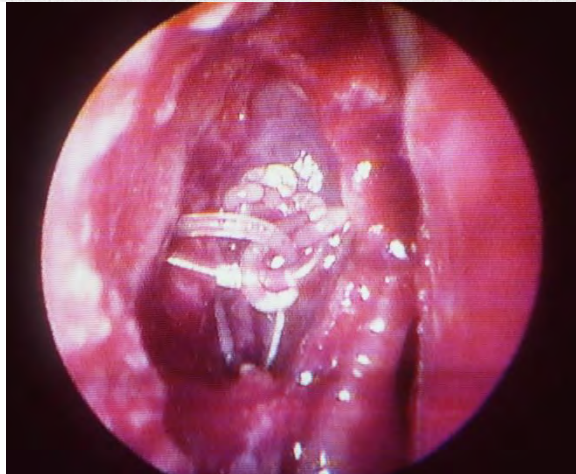
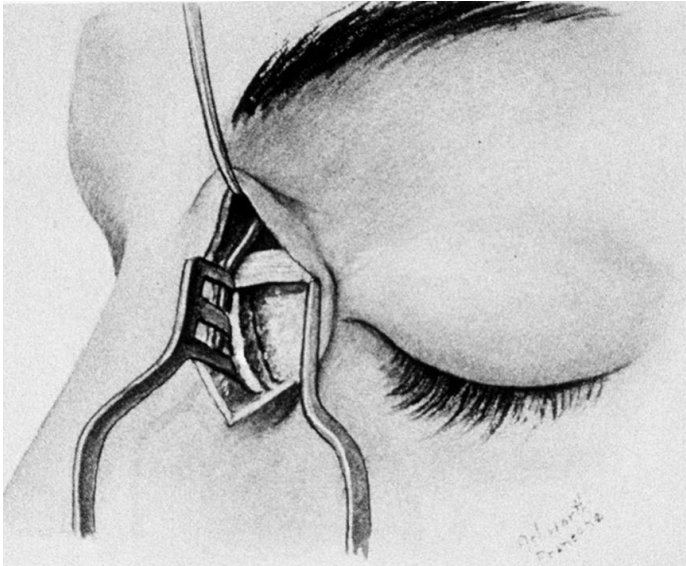
# Imaging Can Identify Masses or Unusual Anatomy



# Canalicular Stenosis



# Dacryocystorhinostomy (DCR)





# Systematic Approach to Tearing

- Dry
- Wet
- Other
  - Ocular Surface
  - Eyelid
  - Orbit

