Disclosure

I have no relevant financial or nonfinancial relationships to disclose related to this presentation.

CASE STUDY #1

Ocular Surface Squamous Neoplasia (OSSN)

- Patient: 72 year old male presented with a recurrent lesion at the right limbus with extension onto the cornea.
- Biopsy of the conjunctiva at the right limbus demonstrated squamous cell carcinoma.
Conjunctival Squamous Carcinoma

• Conjunctival squamous carcinomas are generally located at the limbus and have a flesh-like elevation.
Conjunctival Squamous Carcinoma

- These lesions are usually treated with surgical excision and cryotherapy to the surgical margins.
- If there is diffuse surface involvement or local recurrence, the carcinoma may be treated with adjunct topical chemotherapy such as Mitomycin-C, 5-Fluorouracil, or Interferon.

Conjunctival Squamous Carcinoma

Nursing Considerations

- Locating a compounding pharmacy
- Instructions on how to receive the chemotherapy
- Instructions on administering the ophthalmic drops
- Surveillance
CASE STUDY #2
Adenoid Cystic Carcinoma of the Lacrimal Gland

- Patient: 35-year-old male presented with a history of periorbital spasms, numbness and tingling on the scalp, and headaches.
- Biopsy of the lacrimal gland demonstrated adenoid cystic carcinoma, tubular and cribriform pattern.

Adenoid Cystic Carcinoma of the Lacrimal Gland

- Adenoid cystic carcinoma of the lacrimal gland is the most common primary malignant epithelial tumor of the lacrimal gland.
- Clinical history and presentation may include a palpable mass in the superior lateral quadrant, with associated pain and proptosis directed inferomedially.
Adenoid Cystic Carcinoma of the Lacrimal Gland

- There are five histological subtypes of adenoid cystic carcinoma
- Cribriform and tubular are associated with a more favorable prognosis
- Solid (basaloid) is associated with the worst prognosis

Treatments
- The most common surgical treatment is orbital exenteration followed by postoperative radiation treatment
- At my institution, if there is no metastatic disease, consideration is given to complete surgical excision of the tumor followed by radio/chemotherapy
Adenoid Cystic Carcinoma of the Lacrimal Gland

Nursing Considerations:

- Lubrication
- Surveillance
- Timely feedback on imaging studies
11/10/2015

Adenoid Cystic Carcinoma of the Lacrimal Gland

CASE STUDY #3

Malignant Melanoma of the Conjunctiva

- Patient: 41 year old female presented with a previously excised invasive melanoma of the bulbar conjunctiva

- On examination, she was found to have extensive melanoma of the left upper palpebral and tarsal conjunctiva
Malignant Melanoma of the Conjunctiva

- Conjunctival melanoma accounts for 2-5% of ocular malignant melanomas.
- It is rare.
- It usually affects one eye and is usually pigmented.

Treatments:
- Surgical excision with the margins as wide as possible and cryotherapy to the surgical margins.
- Reconstruction of the defect.
- This patient had what is called a Cutler Beard flap.
Malignant Melanoma of the Conjunctiva

Nursing Considerations

• Bandage contact lens
• Teach the patient how to take lens in and out
• Continuous wear
• Surveillance