

When Drops Won't Do It: Oral Meds in Eyecare

2 hours

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Description:

This interactive course examines the use of oral pharmaceuticals in the treatment/management of a variety of conditions that the clinician will encounter in primary care optometry. Topical areas will range from managing conditions affecting the ocular and periocular tissues.

Learning Objectives:

- Identify and understand the diagnostic criteria for HSV keratitis and the appropriate oral and topical treatments
- Identify and understand the diagnostic criteria for herpes zoster ophthalmicus and the appropriate oral and topical treatments
- Identify and understand the diagnostic criteria for allergic and bacterial conjunctivitis and appropriate oral and topical treatments
- Identify and understand the diagnostic criteria for blepharitis and meibomian gland dysfunction and appropriate oral and topical treatments
- Identify and understand the diagnostic criteria for dry eye disease and importance of ruling out Sjogrens disease and appropriate oral and topical treatments
- Identify and understand the diagnostic criteria for lid/periocular tissue disease (e.g. hordeola, preseptal cellulitis) and appropriate oral treatments

Outline:

1. Herpes Simplex virus keratitis:

- patient case
 - presenting signs
 - symptoms
- etiology of HSV keratitis
- pathophysiology of HSV keratitis
- current treatment options
 - oral
 - topical
 - “controversy” over oral prophylactic treatment

2. Herpes zoster ophthalmicus:

- patient case
 - presenting signs
 - symptoms
- etiology of herpes zoster
- pathophysiology of herpes zoster
- current treatment options
 - oral
 - management of the outbreak
 - pain management
 - the “controversy” over the shingles vaccination

3. Hyperacute conjunctivitis:

- patient case
 - presenting signs
 - symptoms
- etiology of hyperacute conjunctivitis
 - including chlamydia
 - including gonorrhea
- pathophysiology of hyperacute conjunctivitis
 - underlying conditions
- current treatment options
 - oral
 - management of chlamydia
 - management of gonorrhea
 - review of the importance of obtaining diagnostic testing and reporting

4. Allergies and allergic conjunctivitis:

- etiology of allergies and allergic conjunctivitis
- pathophysiology
 - including common signs and symptoms
 - outlining the allergic cascade
- current treatment options
 - oral
 - topical
 - management of systemic allergies
 - management of allergic conjunctivitis

5. Periocular infections:

- patient case
 - outlining the presenting signs and symptoms of a patient with:
 - preseptal cellulitis
 - hordeola
 - dacrocystitis
- etiology of the various periocular infections
- pathophysiology of the various periocular infections
- current treatment options
 - oral
 - management of the various periocular infections
 - including the use of
 - oral penicillins
 - cephalosporins
 - tetracyclines
 - sulfa's

6. Blepharitis and meibomian gland dysfunction:

- patient case
 - outlining the presenting signs and symptoms
 - patient with blepharitis/MGD
- etiology of blepharitis/MGD
- pathophysiology of blepharitis/MGD
- current treatment options
 - oral
 - topical
 - management of these conditions
 - including the use of oral doxycycline

7. Uveitis:

- patient case
 - outlining the presenting signs and symptoms
 - patient undergoing an acute iritis
- etiology of uveitis
- pathophysiology of uveitis
 - different types of uveitis
 - anterior
 - posterior
 - pan
- current treatment options

- oral and topical
- management of uveitis
- importance of lab testing to determine underlying etiology

8. Dry eye syndrome:

- patient case
 - outlining the presenting signs and symptoms
 - patient with dry eye disease
- etiology of dry eye disease
 - particular emphasis on Sjogrens
 - new diagnostic criteria for Sjogrens
- pathophysiology of dry eye disease
- pathophysiology of Sjogrens
- current treatment options
 - oral and topical
 - management of dry eye disease
 - particular emphasis on differentiating patients with underlying Sjogrens disease
 - appropriate lab testing
 - appropriate management options

9. Q&A / Discussion