

Chapter 62. Ophthalmic Disorders, Self-Assessment Questions

1. Which of the following ophthalmic emergencies requires an immediate consult with an ophthalmologist?
 - A. Blood in the eye
 - B. Corneal abrasion
 - C. Acute chemical burn
 - D. Macular edema
 - E. Corneal ulcer
2. Which of the following medications for ocular allergies is a mast cell stabilizer?
 - A. Pheniramine
 - B. Cromolyn sodium
 - C. Ketorolac
 - D. Loteprednol
 - E. Emedastine
3. Which of the following is an appropriate treatment for corneal abrasion in a 50-year-old woman on warfarin therapy?
 - A. Oral NSAIDs
 - B. Topical antibiotics
 - C. Saline irrigation
 - D. Eye patches
 - E. Contact lenses

4. A 25-year-old man presents with red eye with an abrupt onset, copious purulent discharge and rapid progression. What is the probable diagnosis?
- A. Allergic conjunctivitis
 - B. Viral conjunctivitis
 - C. Hyperacute bacterial conjunctivitis
 - D. Bacterial keratitis
 - E. Traumatic injury
5. Antibiotic choice for bacterial conjunctivitis needs to cover which organism?
- A. *Neisseria*
 - B. *Staphylococcus*
 - C. *Haemophilus*
 - D. *Streptococcus*
 - E. *Chlamydia*
6. Which of the following is NOT a risk factor for bacterial keratitis?
- A. Contact lenses
 - B. Diabetes Mellitus
 - C. Oral NSAIDs
 - D. Corneal epithelial edema
 - E. Atopic dermatitis
7. A 23-year-old woman patient presents with photophobia and blurred vision after trying to remove her new contact lenses before swimming. Which of the following antibiotics would be the most initial therapy?

- A. Erythromycin 0.5% ointment
 - B. Azithromycin 1% solution
 - C. Polymyxin B with bacitracin ointment
 - D. Sulfacetamide 10% solution
 - E. Moxifloxacin 0.5% solution
8. Patients with a diagnosis of herpetic conjunctivitis should be treated with a topical steroid. True or false?
- A. True
 - B. False
9. What is the appropriate topical recommendation for a 33-year-old man who presents with ocular allergy symptoms and has tried an artificial tear solution and pheniramine/naphazoline?
- A. Olopatadine
 - B. Antazoline
 - C. Loteprednol
 - D. Ketorolac
 - E. Emedastine
10. A 44-year-old patient is diagnosed with severe bacterial keratitis and prescribed broad-spectrum antibiotic therapy with gatifloxacin. The next day, she returns with a complaint of worsening inflammation. You advise:
- A. Change the antibiotic to moxifloxacin.
 - B. Change the antibiotic to a fortified antibiotic.
 - C. No change in therapy.

- D. Culture the organism.
 - E. Switch to a topical corticosteroid.
11. The correct dosing of lodoxamide 0.2% in children 2 or older is one to two drops in each eye twice daily. True or False?
- A. True
 - B. False
12. β -Carotene supplementation should *not* be recommended for which group of people?
- A. Patients older than 60 years
 - B. Patients younger than 60 years
 - C. Patients with intermediate age-related macular degeneration (AMD)
 - D. Patients who smoke
 - E. Patients at a high risk of AMD
13. In age-related macular degeneration, central vision is preserved. True or false?
- A. True
 - B. False
14. Which of the following medications used to treat age-related macular degeneration is dosed seven times per year?
- A. Bevacizumab
 - B. Ranibizumab
 - C. Pegaptanib

D. Verteporfin

E. Aflibercept

15. Which of the following medications is the primary treatment for patients with dry eye?

A. Anti-inflammatory agents

B. Artificial tears

C. Cyclosporin emulsion

D. Pilocarpine

E. Cevimeline

Answers

1. C

2. B

3. B

4. C

5. B

6. C

7. E

8. B

9. A

10. C

11. B

12. D

13. B

14. E

15. B

