

Chapter Review

Word Building

Construct medical terms from the following meanings. The first question has been completed for you as an example.

1. inflammation of the cornea
2. a drooping eyelid
3. a stone in the lacrimal apparatus
4. inflammation of the conjunctiva
5. softening of the eye
6. paralysis of the eye
7. a generalized disease of the retina
8. a specialist who corrects vision disorders
9. inflammation of the lacrimal apparatus
10. bleeding of the eye
11. symptom of a white film in the pupil
12. inflammation of the middle ear
13. condition of pain in the ear
14. abnormal formation of bone in the ear
15. pus discharge from the external ear canal
16. instrument of ear examination
17. generalized disease of the ear
18. a partial loss of hearing

- keratitis _____
- blepharo _____
- _____ lithiasis
- conjunctiv _____
- _____ malacia
- ophthalmo _____
- retino _____
- _____ metrist
- _____ itis
- ophthalmo _____
- _____ coria
- _____ itis media
- ot _____
- oto _____
- oto _____
- _____ scope
- oto _____
- para _____

Medical Report Exercises

Salima Aziz

Read the following medical report, then answer the critical thinking questions that follow.

PEARSON GENERAL HOSPITAL

5500 University Avenue, Metropolis, TX
Phone: (211) 594-4000 • Fax: (211) 594-4001



Medical Consultation: Ophthalmology

Date: 10/15/2011

Patient: Salima Aziz

Patient Complaint: Right eye pain, crusty exudate, right eye pruritis and swelling that has spread to the left eye.

History: 16-year-old female with negative history for ophthalmology.

Family History: Unknown

Allergies: None

Physical Examination: Slight fever of 99.5°F, other vital signs normal. Right eyelid and OU with signs of inflammation and exudate.

Diagnosis: OU conjunctivitis, keratitis, and blepharitis.

Treatment: Antibiotic eyedrops with systemic antibiotic therapy; follow with office exam in two weeks.

Jana Abashiri, M.D.

Jana Abashiri, M.D.

Photo Source: Michael Jung/Shutterstock

Comprehension Questions

1. What patient complaints and evidence support the diagnosis of conjunctivitis? _____

2. Why would a treatment including antibiotics be prescribed for this ophthalmopathy? _____

3. What is the meaning of *OU ophthalmalgia*? _____

Case Study Questions

The following case study provides further discussion regarding the patient in the medical report. Fill in the blanks with the correct terms. Choose your answers from the following list of terms. (Note that some terms may be used more than once.)

conjunctivitis
blepharitis

keratitis
ophthalmologist

ophthalmalgia
OS

Salima Aziz, a 16-year-old female with no prior history of ophthalmic disease, complained to her parents of eye pain or (a) _____ originating from the right eye and spreading to the left eye, or (b) _____ (abbreviation), within a few days. She also noticed swelling of the eyelids, or (c) _____, with a crusty exudate, and her parents became worried when they saw redness of the eye, suggesting the condition of (d) _____. Her parents brought her to a physician specializing in eye care, called an (e) _____, immediately. During the eye exam, the physician diagnosed inflammation of the right eyelid, inflammation of the conjunctiva, or (f) _____, and inflammation of the cornea, or (g) _____, and identified the probable cause to be bacterial. As a result, antibiotic eyedrops and systemic antibiotics were prescribed with follow-up visits scheduled.

Reggie Fletcher

For a greater challenge, read the following medical report provided and answer the critical thinking questions that follow.

PEARSON GENERAL HOSPITAL

5500 University Avenue, Metropolis, PA
Phone: (211) 594-4000 • Fax: (211) 594-4001



Medical Consultation: ENT

Date: 09/18/2011

Patient: Reggie Fletcher

Patient Complaint: Mother reports the child is pulling at the right ear, more crying and fussiness than usual, often relieved with acetaminophen, and failure to sleep through the night.

History: 2-year-old male child with no prior medical history in otology; all vaccinations up to date.

Family History: Mother and father free of related symptoms.

Allergies: None

Physical Examination: Child presents with fever 101.5°F; anxious with extreme sensitivity during exam; exam positive for AD myringitis; no loss of hearing evident.

Diagnosis: AD myringitis with possible otitis media.

Treatment: Treat with antibiotic eardrops with follow-up exam in 2 weeks for possible myringotomy with tympanic cavity drainage.

Judith N. VonTripp, M.D.

Judith N. VonTripp, M.D.

Photo Source: Ami Parikh/Shutterstock

Comprehension Questions

1. What evidence supports a diagnosis of AD myringitis with possible otitis media? _____

2. Why do you think a myringotomy may need to be performed if the child does not improve within 2 weeks? _____

Case Study Questions

The following case study provides further discussion regarding the patient in the medical report. Recall the terms from this chapter to fill in the blanks with the correct terms.

Reggie Fletcher, a 2-year-old male, was brought to the medical clinic after his behavior during the preceding several weeks indicated to his mother that he was experiencing ear pain, known as (h) _____, of the right ear, abbreviated (i) _____. His behavior included pulling or tugging at his right ear, an inability to sleep through the night, mild fever, and frequent fussiness. The general physician examined his ears using an (j) _____ and observed inflammation of the tympanic membrane, called (k) _____. Because this condition is often indicative of a potential infection within the middle ear, called (l) _____, the physician referred the patient to (m) _____. Following an exam, the ear specialist, or (n) _____, determined a course of treatment to include antibiotic eardrops with follow-up exams to ensure the infection is defeated. Unfortunately, 2 weeks later the infection had spread into the tympanic cavity to produce the disease (o) _____. The tympanic membrane was then surgically incised in a (p) _____ procedure and drainage tubes inserted into the tympanic cavity to drain the purulent fluids. One month after the patient had recovered, a hearing test, or (q) _____, was performed and found a 20% loss of hearing from the right ear.

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