

Learning Objectives for Eyes, Ears, Nose, and Throat

After studying your lecture notes and **Chapters 3 and 11** in the textbook, and completing the exercises in class, you should be able to:

1. Demonstrate the correct use of the oto/ophthalmoscope.
2. Identify and demonstrate various techniques applied during physical examination.
3. Describe the purpose of various techniques applied during physical examination.
4. Conduct a history relate to the eyes.
5. Identify normal age and condition variations to the eyes.
6. Recognize findings that deviate from expected findings.
7. Relate symptoms or clinical findings to common pathological conditions.

Key terms and concepts to know for the quiz, practical examination, and test:

1. Anatomy, physiology, and function of the eyes
2. Extrinsic muscles of the eyes and associated movement
3. Ophthalmoscope lenses, apertures, and filters
4. Snellen vision chart and documentation of distance vision
5. Oculus Dextra
6. Oculus Sinistra
7. Oculus Uterque/Unitas
8. Rosenbaum vision card and documentation of near vision
9. Peripheral fields of vision/confrontation
10. Cardinal planes of gaze
11. Accommodation/convergence reflex
12. Direct reflex
13. Indirect/consensual reflex
14. Swinging penlight/flashlight test
15. Anisocoria
16. Adie's pupil, Argyll Robertson pupil, Marcus Gunn pupil
17. Horner's syndrome
18. Amsler grid
19. Ptosis
20. Hordeola and chalazia
21. Conjunctivitis
22. Xanthelasma
23. Exophthalmos/proptosis
24. Eye changes seen with thyroid conditions, cataracts, diabetes, glaucoma, hypertension, retinal detachments, retinal tears
25. Retinal microaneurysms
26. Retinal hemorrhages
27. Neovascularization
28. Retinal exudates
29. Retinal edema