Learning Objectives for Small Group

1. Describe the relevant anatomy and physiology as it pertains to the examination of the eye, ear, nose, mouth, throat and neck.
2. Describe the components of the eye exam (acuity, extraocular muscles, visual fields, fundus exam, external exam, and pupils) and ear exam (examination of the external ear, auditory canal and tympanic membrane).
3. Demonstrate the basic mechanics of using an ophthalmoscope and otoscope.
4. Explain and perform the technique of the HEENT physical examination.
5. Discern and discuss key findings of two common chief complaints regarding the head and neck and the eye: “sore throat” and “eye redness.”
6. Write the findings of the HEENT examination using accepted format and abbreviations.

Pre-Session Assignment

1. Read Bates’ Guide to Physical Examination and History Taking 12th ed.: See “Techniques of Examination” and Tables 7-6 through 7-26 for helpful pictures. (Same as preparation for both the Eye and ENT lectures)
2. Answer questions from assigned readings. [Link]
3. Review two cases and select key findings from the history and examination which lead to a reasonable diagnosis for each case. Be prepared to discuss your reasoning in small group. Attached to link are cases and additional references. [Link]
4. Review JoVE Clinical Skills Videos through the HS Library website—Essentials of Physical Examinations II: “Eye Exam,” “Ophthalmoscopic Exam,” “Ear Exam,” “Nose, Sinuses, Oral Cavity and Pharynx Exam,” “Thyroid Exam,” and “Lymph Node Exam” [Link] (These videos are the same preparation as for the Eye and ENT lectures.)
5. Bring to small group: Ophthalmoscope, Pocket Vision Screener, Otoscope, and Insufflator. Be sure battery has been fully charged.

Small Group Session Activities

1. Review lecture points from both the ENT and the Eye lectures.
2. Review questions assigned from readings.
3. Review ENT and Eye cases, discuss possible diagnoses and clinical reasoning.
4. Practice using the ophthalmoscope and otoscope (and insufflator) on each other: Practice exam steps 7-20 and 23-25 from the Basic Screening Examination. Each student should be directly observed performing the steps of the exam and the use of their otoscope and ophthalmoscope.
5. Review the write up of an Eye and ENT examination.