

**HANDOUT 12.1****Word Parts**

A. Match combining forms and word parts with their definitions.

- |                       |                       |
|-----------------------|-----------------------|
| _____ 1. bin-         | a. vision (condition) |
| _____ 2. blephar/o    | b. two                |
| _____ 3. conjunctiv/o | c. tear(s)            |
| _____ 4. phak/o       | d. false              |
| _____ 5. cry/o        | e. lens               |
| _____ 6. dacry/o      | f. light              |
| _____ 7. irid/o       | g. iris               |
| _____ 8. kerat/o      | h. eyelid             |
| _____ 9. ocul/o       | i. eye                |
| _____ 10. -opia       | j. cornea             |
| _____ 11. phot/o      | k. conjunctiva        |
| _____ 12. retin/o     | l. cold               |
| _____ 13. pseud/o     | m. retina             |

B. Match combining forms with their definitions.

- |                     |  |
|---------------------|--|
| _____ 1. cor/o      | a. vision  |
| _____ 2. corne/o    | b. two, double                                     |
| _____ 3. dipl/o     | c. tension, pressure                               |
| _____ 4. uve/o      | d. tear(s)   |
| _____ 5. lacrim/o   | e. sclera  |
| _____ 6. ophthalm/o | f. pupil   |
| _____ 7. opt/o      | g. paralysis                                       |
| _____ 8. -phobia    | h. uvea  |
| _____ 9. -plegia    | i. eye   |
| _____ 10. scler/o   | j. cornea  |
| _____ 11. ton/o     | k. abnormal fear of or aversion to specific things |
| _____ 12. phac/o    | l. equal   |
| _____ 13. is/o      | m. lens  |

**HANDOUT 12.2****Build Medical Terms**

*Use the combining form ocul/o to build the medical terms defined in numbers 1–3.*

1. pertaining to within the eye  
\_\_\_\_\_

2. abnormal condition of the eye caused by fungus  
\_\_\_\_\_

3. pertaining to two or both eyes  
\_\_\_\_\_

*Use the combining form scler/o to build the medical terms defined in numbers 4–6.*

4. incision of the sclera  
\_\_\_\_\_

5. inflammation of the sclera  
\_\_\_\_\_

6. softening of the sclera  
\_\_\_\_\_

*Use the combining form retin/o to build the medical terms defined in numbers 7–10.*

7. pertaining to the retina  
\_\_\_\_\_

8. tumor arising from a developing retinal cell  
\_\_\_\_\_

9. surgical fixation of the retina by using extreme cold  
\_\_\_\_\_

10. (any noninflammatory) disease of the retina  
\_\_\_\_\_

*Use the combining form ophthalm/o to build the medical terms defined in numbers 11–15.*

11. paralysis of the eye (muscle)  
\_\_\_\_\_

12. instrument used for visual examination of (the interior) of the eye  
\_\_\_\_\_

13. (any) disease of the eye  
\_\_\_\_\_

14. physician who studies and treats disease of the eye  
\_\_\_\_\_

15. pain in the eye  
\_\_\_\_\_

**HANDOUT 12.3****True/False**

Mark each statement *T* (true) or *F* (false). If the statement is false, rewrite it to make it true.

- \_\_\_\_\_ 1. *Retinopathy* means any disease of the eye.
- \_\_\_\_\_ 2. The pupil is a pigmented muscular structure at the center of the iris.
- \_\_\_\_\_ 3. The optic nerve carries visual impulses from the retina to the brain.
- \_\_\_\_\_ 4. *Nystagmus* is defined as crossed eyes.
- \_\_\_\_\_ 5. *Presbyopia* means farsightedness.
- \_\_\_\_\_ 6. The surgical removal of the eyeball is called *enucleation*.
- \_\_\_\_\_ 7. A mydriatic agent dilates the pupil.
- \_\_\_\_\_ 8. *Visual acuity* refers to the sharpness of vision.
- \_\_\_\_\_ 9. An *optometrist* is a physician who studies and treats conditions of the eye.
- \_\_\_\_\_ 10. *Glaucoma* is characterized by increased intraocular pressure within the eye.
- \_\_\_\_\_ 11. *Psuedophakia* is the placement of interocular lens during cataract surgery.
- \_\_\_\_\_ 12. *Emmotropia* is an abnormal refractive condition of the eye.

**HANDOUT 12.4****Spelling**

*Correct any misspelled terms in the following list by writing them correctly in the space at the right.*

1. bleforitis \_\_\_\_\_
2. uvitis \_\_\_\_\_
3. dacryocystitis \_\_\_\_\_
4. diplopia \_\_\_\_\_
5. photophobia \_\_\_\_\_
6. glawcoma \_\_\_\_\_
7. anisometropia \_\_\_\_\_
8. sty \_\_\_\_\_
9. LASIK \_\_\_\_\_
10. tonometry \_\_\_\_\_
11. druzen \_\_\_\_\_
12. optican \_\_\_\_\_
13. optometrist \_\_\_\_\_
14. hyphema \_\_\_\_\_
15. iridectomy \_\_\_\_\_

**HANDOUT 12.5****Vocabulary Enhancement**

*The following terms did not appear in the text but are composed of word parts studied in this chapter or previous chapters. Find their definitions by translating the word parts literally.*

1. endonasal \_\_\_\_\_
2. esophagocele \_\_\_\_\_
3. fibroma \_\_\_\_\_
4. glomerulosclerosis \_\_\_\_\_
5. hematorrhea \_\_\_\_\_
6. hepatolith \_\_\_\_\_
7. histolysis \_\_\_\_\_
8. hydroponephrosis \_\_\_\_\_
9. hypermyotrophy \_\_\_\_\_

**HANDOUT 12.6****Medical Dictionary**

Use your medical dictionary to find terms that begin with the following word parts and combining forms. Write the medical term and its definition in the spaces provided.

1. *corne/o*    New medical term: \_\_\_\_\_  
Definition: \_\_\_\_\_  
\_\_\_\_\_
2. *dacry/o*    New medical term: \_\_\_\_\_  
Definition: \_\_\_\_\_  
\_\_\_\_\_
3. *pupill/o*    New medical term: \_\_\_\_\_  
Definition: \_\_\_\_\_  
\_\_\_\_\_
4. *vas/o*    New medical term: \_\_\_\_\_  
Definition: \_\_\_\_\_  
\_\_\_\_\_

**HANDOUT 12.7****Use It**

Use a medical term from the list below to complete the sentence.

blepharitis  
chalazion  
diplopia  
keratometer

nystagmus  
presbyopia  
retinal detachment

strabismus  
tonometer  
trabeculectomy

1. A(n) \_\_\_\_\_, an instrument used to measure pressure within the eye, is used in the diagnosis of glaucoma.
2. Manifestations of hypopituitarism may include \_\_\_\_\_, double vision.
3. \_\_\_\_\_ or the involuntary, jerking movements of the eye, may be a normal finding when assessing the far lateral gaze.
4. \_\_\_\_\_, inflammation of the eyelid, is often associated with dry eye syndrome.
5. Cryoretinopexy and scleral buckling are treatments for the correction of a(n) \_\_\_\_\_, the separation of the retina from the choroid in the back of the eye.
6. A(n) \_\_\_\_\_ was used to measure the curvature of the patient's cornea so that he could receive a prescription for contact lenses.
7. The patient was scheduled for a(n) \_\_\_\_\_, or the surgical creation of an opening to treat glaucoma by reducing intraocular pressure.
8. The ophthalmologist recommended moist compresses for spontaneous drainage of \_\_\_\_\_, the non-infected obstruction of the oil gland of the eyelid.
9. \_\_\_\_\_, impaired vision as the result of aging, usually begins around age 40 and often results in hyperopia.
10. Dysfunction of the external eye muscles or an uncorrected refractive error causing the eyes to look in different directions, or \_\_\_\_\_, almost always appears at an early age.

## HANDOUT 12.8

### Spelling Dictation List

*The following is a list of terms that may be recited for students to spell as part of the examination. Use the list as is or design your own list by adding or deleting terms.*

1. conjunctivitis
2. iritis
3. amblyopia
4. blepharoplasty
5. ophthalmoscopy
6. tonometry
7. binocular
8. optician
9. astigmatism
10. cataract
11. myopia
12. enucleation
13. miotic
14. optometrist
15. visual acuity