Medical Terminology

Lecture 8

First stage

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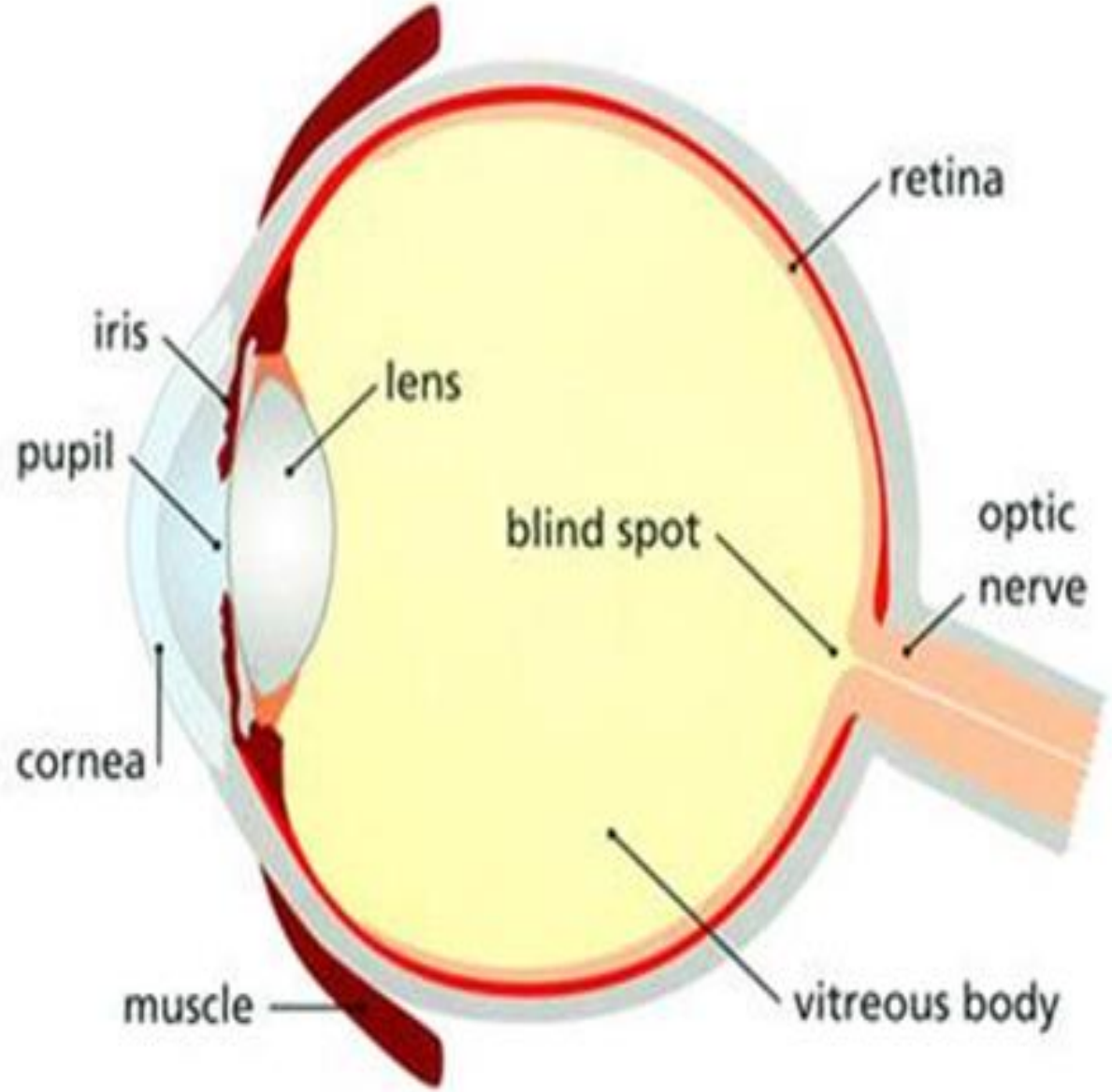
College of Pharmacy-University of Al-Ameed

The special senses of sighting and hearing

Word parts related to the eye and ear

Word	Part Meaning
audi/o	sound
aur/o	ear
blephar/o	eyelid
conjunctiv/o	conjunctiva
dipl/o	two, double
labyrinth/o	labyrinth (inner ear)
lacrim/o	tear, lacrimal apparatus
ocul/o	eye

Word	Part Meaning
ophthalm/o	eye
-opia	vision
opt/o	light, eye, vision
ot/o	ear
pupil/o	pupil
retin/o	retina
tympan/o	eardrum

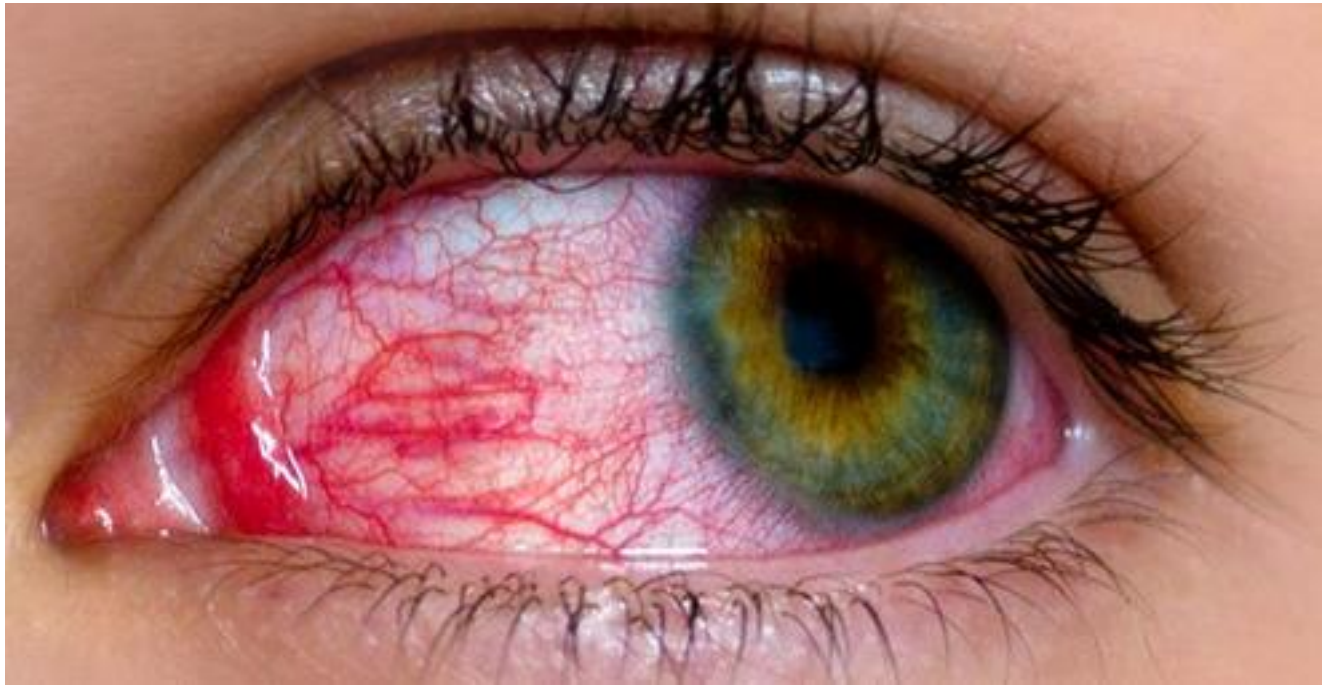

retina
iris
lens
pupil
blind spot
optic
nerve
cornea
muscle
vitreous body

Disorders related to the eye and ear

Term	Meaning
Astigmatism	Is a condition in which the eye **does not focus properly** because of uneven curvatures of the cornea.
Blepharitis	**Inflammation of the eyelid**.
Cataract	**Opacity** (not clear)of the lens of the eye.
Conjunctivitis	Inflammation of the **conjunctiva**; pinkeye.
Deafness	**No hearing**; hearing impairment.
Diplopia	**Double vision.**

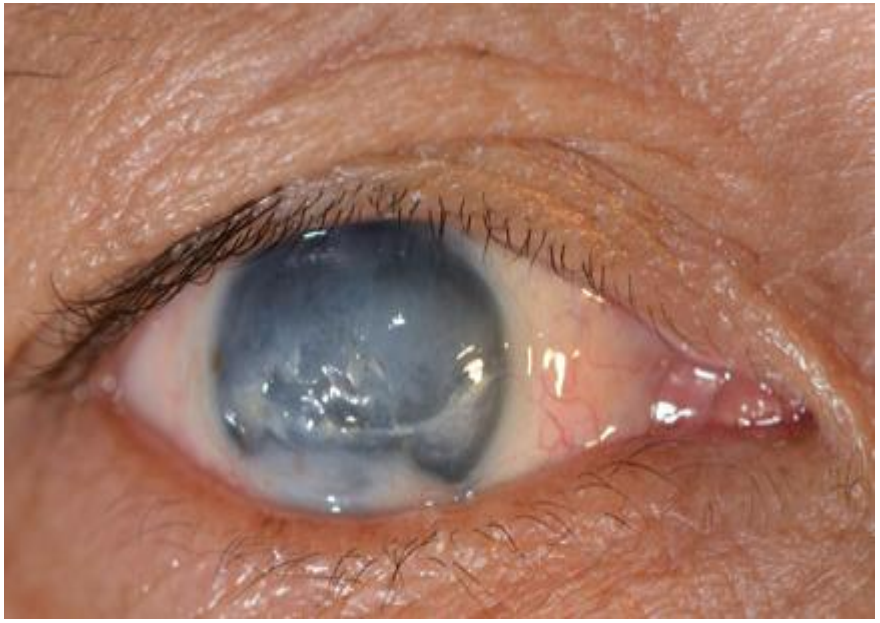






Glaucoma	Disease of the eye characterized by **increased intraocular pressure** and **atrophy of the optic nerve.**
Hordeolum	An infection **of a gland in the eye**; also called **stye.**
Labyrinthitis	Infection or inflammation of the **labyrinth** (**inner ear**); otitis **interna**; causes dizziness and loss of balance.
Lacrimation	**Secretion of tears**, especially in excess.
Ménière disease	A disease associated with **increased fluid pressure in the inner ear and characterized by hearing loss, vertigo, and tinnitus.**







Miosis	Abnormal **contraction of the pupils.**
Mydriasis	Pronounced or **abnormal dilation** of the **pupil.**
Myopia	**Nearsightedness.**
Nystagmus	**Rapid, involuntary, rhythmic movements** of the eyeball.
Ophthalmopathy	Any **disease of the eyes.**
Otalgia	**Pain in the ear.**

Miosis



Mydriasis

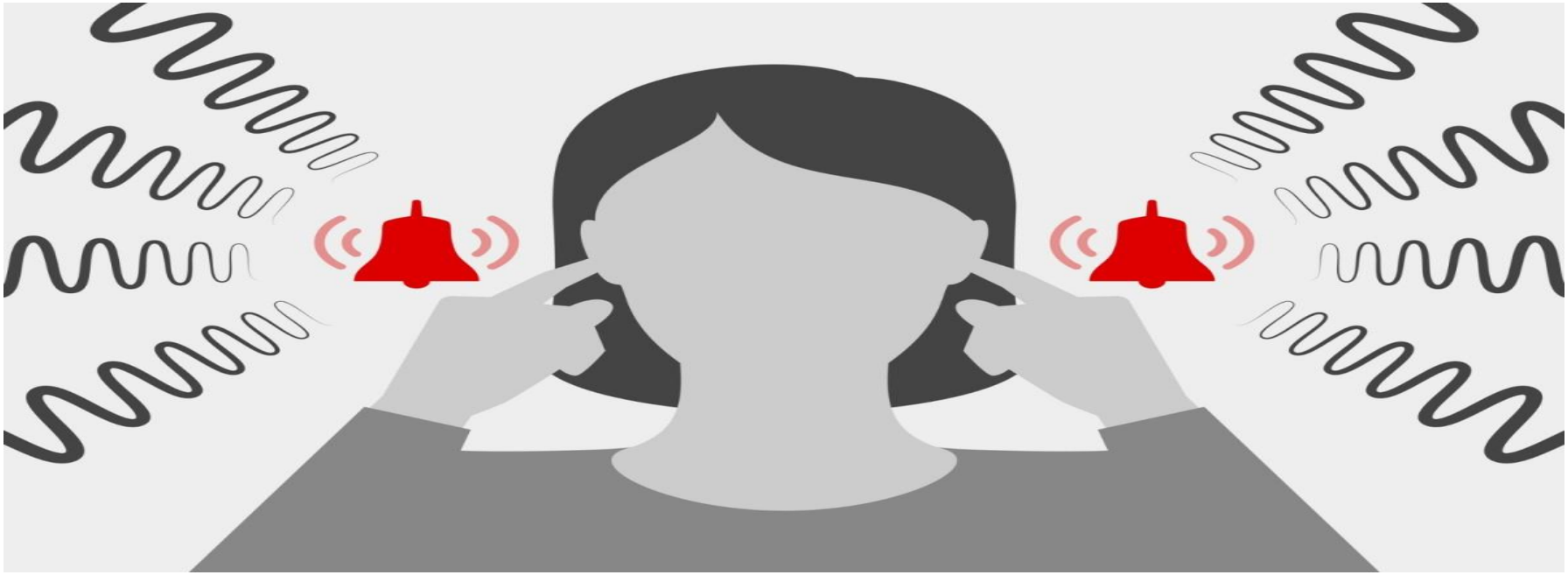




Otitis	**Inflammation of the ear** (otitis externa = the outer ear; otitis media = the middle ear; otitis interna = the inner ear).
Otorrhea	**Fluid discharge** from the ear.
Retinopathy	**Disease** of the **retina**.
Tinnitus	Sensation of **noises** (such as **ringing**) in the ears.
Vertigo	A sensation of **rotation or dizziness**.
Xerophthalmia	**Dry** eyes.

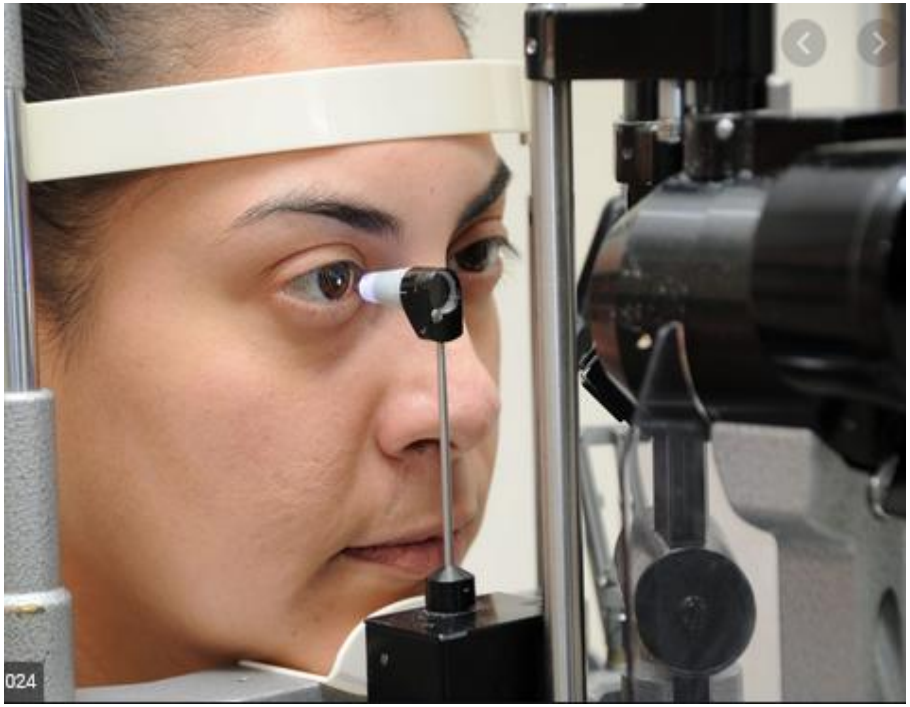






Diagnostic procedures

Term	Meaning
Fundoscope/ ophthalmoscope	Device for **examining the interior of the eyeball** (fundus) by looking through the pupil.
Otoscope	Device for **looking into the ear.**
Tonometer	Instrument for **measuring intraocular pressure.**







Thank You