

Special Senses – EYES

**** Make sure you know and can use the word parts from the lab**

Adnexa of the Eye

-Accessory structures that provide external protection and allow the eye to move

- 1.
- 2.
- 3.
- 4.
- 5.

Eye Muscles

- ____ major muscles make possible wide ROM
- Binocular:

Strabismus :

Esotropia:

Exotropia:

Special Senses – EYES

Adnexa of the Eye

Eyelids

- Upper and lower lids protect
- Canthus:

Pathologies

Blepharoptosis:

Ectropion:

Entropion:

Hordeolum:

Chalazion:

Eyebrows and Lashes: prevent foreign matter from reaching the eyes

Conjunctiva: Protective covering over the exposed surface of the eye

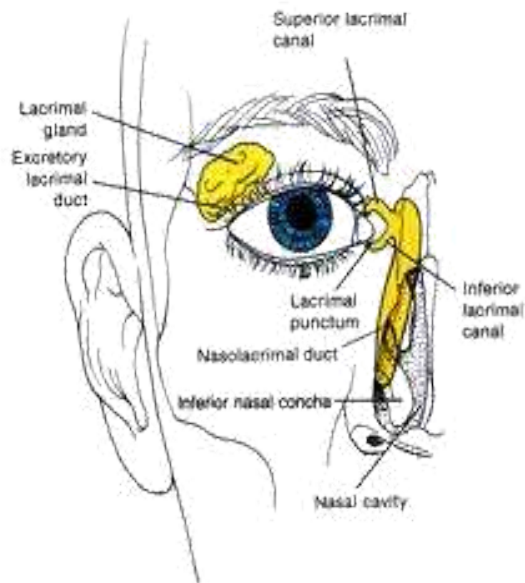
Conjunctivitis:

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Adnexa of the Eye

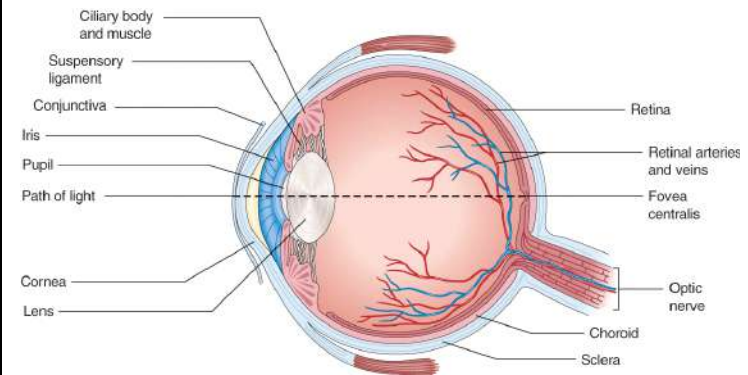
Lacrimal Apparatus

-
- 1.
- 2.
- 3.
- 4.



Special Senses – EYES

Eyeball



Sclera:

Cornea:

Pathologies:

Scleritis:

Keratitis:

Corneal Abrasion:

Corneal Ulcer:

Special Senses – EYES

Eyeball

Choroid (choroid coat, choroid layer)

- opaque middle layer of the eyeball

-

Ciliary Body

- Sets of _____ and _____ that adjust the

lens to refine the _____

Iris

-

- controls the amount of light entering the eye

Pupil

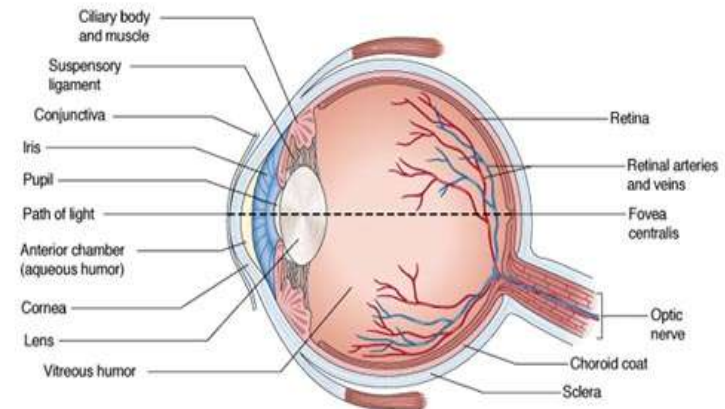
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Anisocoria:

Special Senses – EYES

Lens

-



Retina

-

Macula

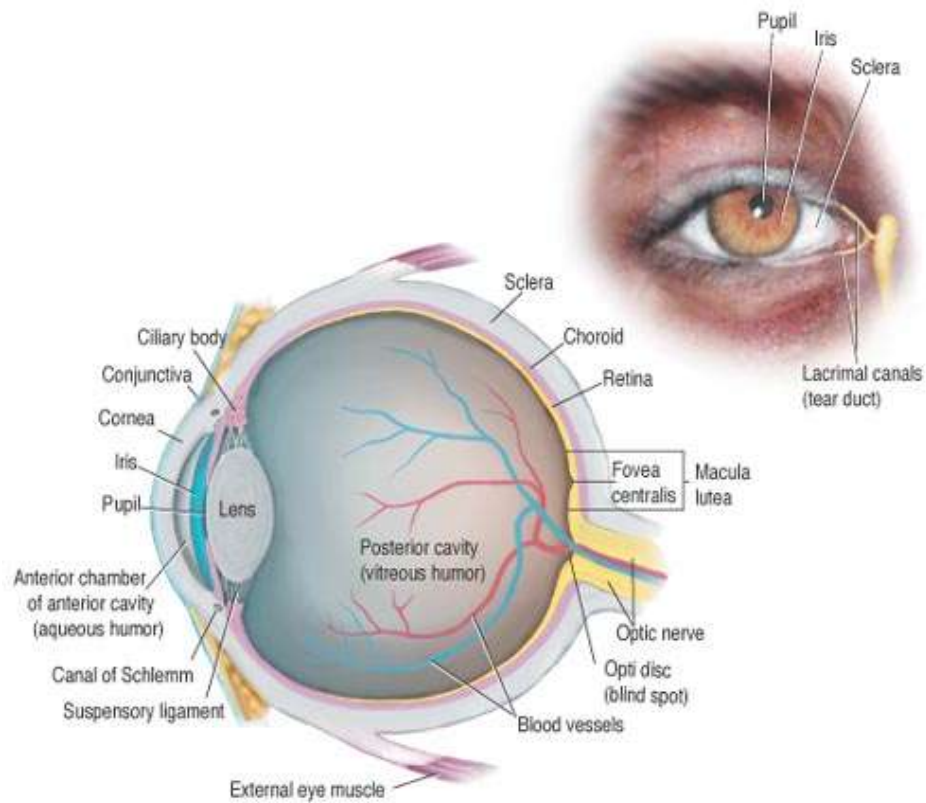
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- area of sharpest vision

Macular Degeneration:

Special Senses – EYES

Segments of the Eye

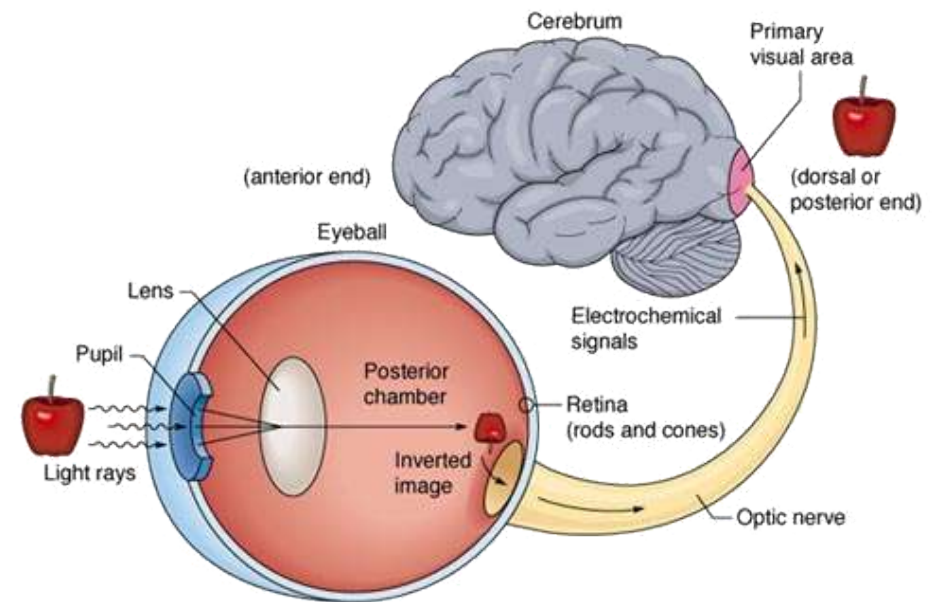


- 1.
- 2.
- 3.
- 4.

Special Senses – EYES

Normal Action of the Eye

_____ : the ability of the lens to bend the light rays to help them focus on the retina

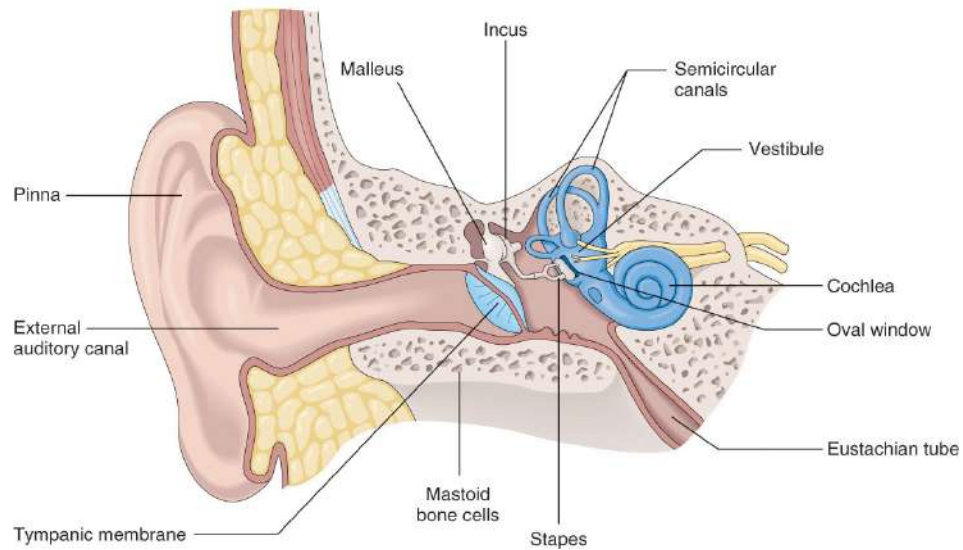


Hyperopia:

Myopia:

Astigmatism:

Special Senses – EARS



Outer Ear

- transmits sound waves to the middle ear

- 1.
- 2.
- 3.

Pathologies

Impacted Cerumen

Otalgia

Otitis Externa

Otomycosis

Otorrhagia

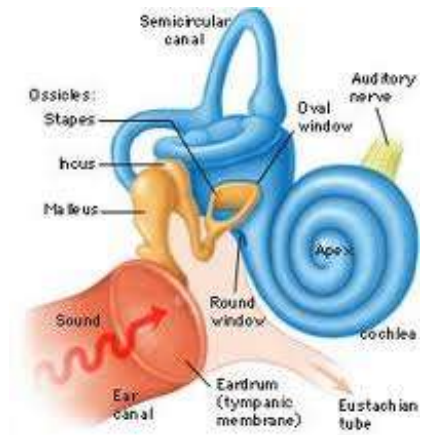
Special Senses – EARS

Middle Ear

- transmits sound waves to the inner ear

Structures

- 1.
- 2.
-
-
-
- 3.



Pathologies

Myringitis

Eustachitis

Otosclerosis

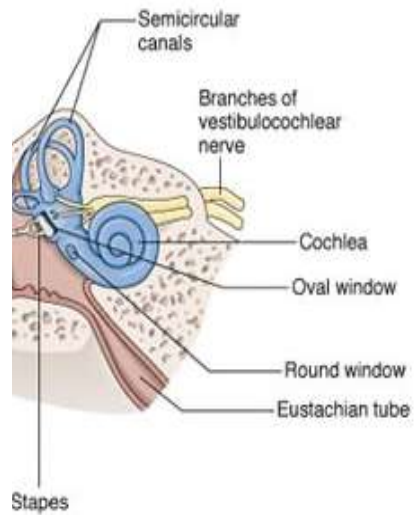
Special Senses – EARS

Inner Ear

- receives sound vibrations

Structures

- 1.
- 2.
- 3.
- 4.



Pathologies

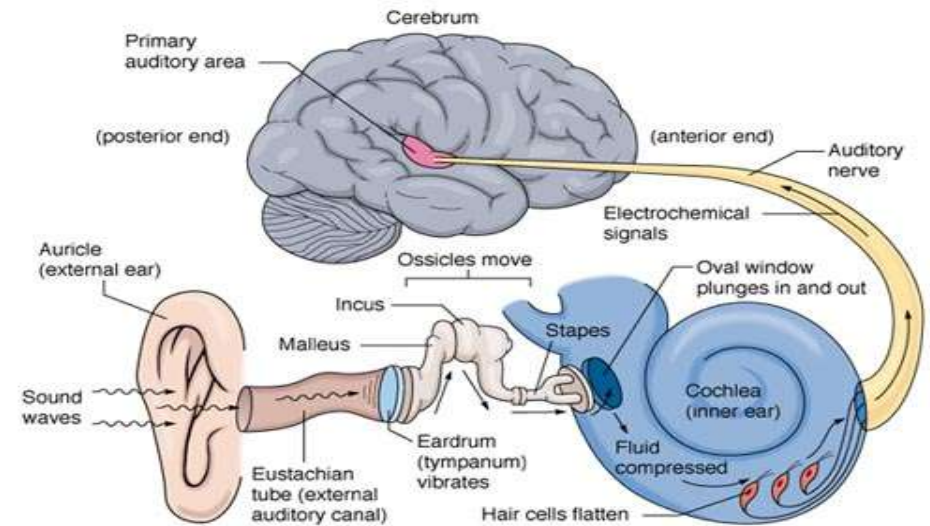
Labirinthitis

Vertigo

Tinnitus

Special Senses – EARS

Hearing and Hearing Loss



Hearing

- Air Conduction
- Bone Conduction
- Sensorineural Conduction

Hearing Loss

- Conductive
- Sensorineural
- Presbycusis