

EYE MODEL

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|-----|------------------------|-----|---|
| 1. | Superior rectus muscle | 13. | * Pupil |
| 2. | Sclera | 14. | * Ciliary muscle |
| 3. | Choroid layer | 15. | Inferior rectus muscle |
| 4. | Retina | 16. | Location of optic nerve entrance and blind spot |
| 5. | Vitreous body | 18. | Yellow spot with fovea centralis retinae |
| 6. | * Conjunctiva | 19. | Internal rectus muscle |
| 7. | * Ciliary body | 20. | External rectus muscle |
| 8. | * Suspensory ligament | 21. | Tendon of superior oblique muscle |
| 9. | * Iris | 22. | Inferior oblique muscle |
| 10. | Cornea | 23. | Lacrimal gland |
| 11. | * Aqueous humor | | |
| 12. | * Lens | | |

* NOTE: Numbers 6-9 and 11-14 are not painted on the Eye model due to area limitations.

30. RETINA - Exploded View Rods and Cones as illustrated on the Vitreous body (#5 above) for the Retina (#4 above)

Layers

- a. Pigmented layer
- b. Layer of rods and cones
- c. External limiting membranes
- d. Outer nuclear layer
- e. Outer plexiform layer
- f. Inner nuclear layer
- g. Inner plexiform layer
- h. Ganglionic layer or layer of nerve cells
- i. Stratum opticum or layer of nerve fibers

Features

- k. Internal limiting membrane
- l. Rods
- m. Rod granules
- n. Cones
- o. Cone granules
- p. Horizontal cells
- q. Bipolar cells
- r. Amacrine cells
- s. Sustentacular fibers of Muller
- t. Ganglionic cells