

Eye, 6 times enlarged, 7 parts MOD-EYE



USES:

This model is designed as an aid for the teaching of anatomy and physiology courses. It is used for demonstrating the anatomical structures of the eyeball, i.e. the three tunicae, the refracting media, the lens and the vitreous body etc.

DEMONSTRATIONS:

The different parts of the eyeball show the following structures:

Tunica externa: showing cornea and sclera (horizontally sectioned) with attachments of ocular muscles and optic nerves.

Tunica media: showing (a) the iris (a circular diaphragm with a central aperture – the pupil), (b) the ciliary body (the thickened portion behind the iris) and behind this (c) the choroid (a vascular membrane occupying the entire posterior portion of the eyeball).

Tunica interna (retina): demonstrating its three component parts: (a) the pars iridica retinae (forming the pigmented inner layer of the iris), (b) the pars ciliaris retinae (from outer margin of pars iridica to ora serrata), and behind this (c) the pars optica retinae with macula lutea and the papilla.

Refracting media: showing (a) the lens between the iris in front and the vitreous body behind, connected by suspensory ligament to the ciliary body, (b) the vitreous body horizontally sectioned occupying the posterior remaining portion of the space inside the tunicae, (c) anterior chamber of the eyeball, being the space between the cornea and the iris, the posterior chamber being the space between the iris and the lens.

CONSTRUCTION: Made of PVC plastic

DIMENSIONS: 6 times enlarged

HOW TO REASSEMBLE THE DISSEMBLED EYE MODEL:

