

# ANATOMY OF THE HUMAN EYE

Reference Chart for Clinical Anatomy & Physiology

[ Cross-Section Diagram Placeholder ]

## 1. Fibrous Tunic (Outer Layer)

STRUCTURE	PRIMARY FUNCTION
Sclera	Protective "white" of the eye; maintains shape.
Cornea	Transparent front; primary refractive element.

## 2. Vascular Tunic (Uvea - Middle Layer)

STRUCTURE	PRIMARY FUNCTION
Choroid	Provides oxygen and nourishment to the retina.
Ciliary Body	Controls lens shape and produces aqueous humor.
Iris	Regulates light entry via the pupil.

## 3. Neural Tunic (Inner Layer)

STRUCTURE	PRIMARY FUNCTION
Retina	Photoreception (Rods/Cones) & signal processing.
Fovea Centralis	Area of highest visual acuity (cones only).
Optic Disc	Blind spot where the optic nerve exits.

## 4. Internal Chambers & Fluids

**MEDIUM****PRIMARY FUNCTION**

Aqueous Humor

Maintains intraocular pressure (Anterior).

Vitreous Body

Supports retinal stability (Posterior).

Crystalline Lens

Fine-tunes focus for near/far vision.

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