

# Orbital Surgery

**Orbital surgery** refers to surgical procedures involving the **orbit** — the bony cavity in the skull that contains the eye, its muscles, nerves, vessels, fat, and surrounding connective tissues.

## □ Definition

Orbital surgery encompasses all interventions aimed at diagnosing, accessing, treating, or reconstructing the anatomical structures **within** or **around the orbit**. It is essential in the management of tumors, trauma, inflammation, vascular anomalies, congenital malformations, and conditions such as **thyroid eye disease**.

## □ Types of Orbital Surgery

- **Exenteration** - Removal of the eye and orbital contents.
- **Orbitotomy** - Surgical entry into the orbit (lateral, medial, inferior, or superior).
- **Orbital decompression** - Increasing orbital volume to relieve pressure (e.g., in Graves' orbitopathy).
- **Fracture repair** - Reconstruction of the orbital walls after trauma.
- **Endoscopic approaches** - Via nasal (EEA) or transorbital (ETOA) routes.

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