

## CNS 7 EXTRADURAL/EPIDURAL HEMATOMA (EDH)

### GROSS



- It is the bleeding occurring between the **inner table of the skull and meninges (dura)**
- **Hematoma in the epidural space** on removal of the skull cap along with fissure fracture of the temporal bone and a **small thrombus** on the surface of the **middle meningeal artery** may be seen.
- **Diffuse brain swelling** and cerebral contusions seen.
- **Effacement of sulci and flatness of the crests of the gyri**, which gives a **smooth appearance** of the brain.
- Fracture (**fissure type**) is present in most of the cases (90–95%).

### SALIENT FEATURES:

#### Site and Vessels Involved:

- Rupture of middle meningeal artery is a direct branch of internal maxillary artery (commonest cause)

#### Diagnostic tool:

- CT scan: It produces a **biconvex lenticular-shaped** hemorrhage, due to **adherence of the dura** to the inside of the cranium.

### MEDICO-LEGAL ASPECTS

- Patient may be **discharged** from hospital **during lucid interval and die** at home; doctor may be charged with **negligence**.

The condition may **resemble drunkenness and patient may die in police custody**