Pictorial Quiz

Minal Sharmeen

Case scenario

A 25-year-old male came with history of road traffic accident in oral maxillofacial outpatient department. On examination, level of consciousness was unaltered, Glasgow Coma Scale (GCS) score 15/15, and patient had no history of vomiting.

Clinical findings included depressed frontal bone, bruising around eyes, vision and eye movement intact, positive nasal bleeding, marked swelling over nasal bridge and deviation towards right side.

Computed tomograph (CT) scan paranasal sinus without contrast showed multiple comminuted depressed fractures involving bilateral frontal bones, roof, medial wall and floor of both orbits, nasal bone, bony nasal septum, anterior and medial wall of both maxillary sinuses. Hyperdense fluid with air fluid levels seen in maxillary, frontal and ethmoidal sinuses, representing hematoma. Soft tissue swelling is seen over the face and nasal bridge. Soft tissue emphysema seen mainly along the left orbit and left side of the face.

Your diagnosis?

Fig 1. CT scan Axial View

Answer

Nasoorbitoethmoidal fracture.