

CT HEAD WO CONTRAST

Results

New

Impression

1. Acute inferior orbital rim fracture adjacent to the inferior rectus muscle. Correlate clinically for possible entrapment.
2. Bilateral nasal bone and left maxillary frontal process fractures.
3. Left preseptal soft tissue swelling.
4. Equivocal nondisplaced fractures of the anterior and posterior walls of the left maxillary sinuses.
5. No acute intracranial hemorrhage, mass effect, or territorial infarction.

Narrative

EXAMINATION: CT FACIAL BONES WO CONTRAST, CT HEAD WO CONTRAST

EXAM DATE AND TIME: 8/23/2025 1:19 AM EDT

INDICATION: assault, L periorbital swelling

COMPARISON: None available.

TECHNIQUE: CT imaging of the face with sagittal and coronal reformats was obtained without contrast. TECHNIQUE: Multiple axial CT images of the head with sagittal and coronal reformats were obtained without contrast.

FINDINGS:

CT Head:

Ventricles and sulci are normal in size and configuration. No extra axial collection. No intracranial hemorrhage. No mass effect or edema. No large territorial infarction.

Calvarium is intact.

CT Face:

Frontal bones:

Supraorbital soft tissues: Left supraorbital soft tissue swelling.

Frontal sinuses: Hypoplastic right frontal sinus. No fracture.

Orbits:

Preseptal soft tissues: Left preseptal soft tissue swelling.

Walls: Acute comminuted left inferior orbital rim fracture adjacent to the inferior rectus muscle.

Globes: Normal in appearance.

Retrobulbar fat: No mass or hematoma.

Extraocular muscles: Normal in size and symmetric.

Optic nerve-sheath complexes: Normal in appearance.

Ethmoid sinuses: Well-aerated bilaterally.

Sphenoid sinuses: Well-aerated bilaterally.

Nose:

Soft tissues: Nasal bridge swelling

Nasal bones: Bilateral nasal bone fractures

Frontal processes of maxilla: Left frontal process fracture of the maxilla.

Nasal Septum: No fracture.

Anterior nasal spine: Intact.

Maxillary bones:

Malar soft tissues: Left malar soft tissue swelling.

Maxillary sinuses: Air fluid level in the left maxillary sinus with mild mucosal wall thickening. Small right maxillary sinus mucosal retention cysts. Equivocal nondisplaced fractures of the anterior and posterior walls of the left maxillary sinuses.

Alveolus: No fracture or avulsed teeth.

Zygomatic arches: Intact bilaterally.

Pterygoid plates: Intact bilaterally.

Mandible: No fracture, dislocation, or avulsed teeth.

Ordering provider: Jason Roberto Gonzalez, MD

Reading physician: Asher K Stein, DO

Study date: Aug 23, 2025 1:53 AM

Result date: Aug 23, 2025 3:04 AM

Result status: Final