Traumatology Case Nr. 2

CT Scan Evaluation

Which of the following statements are false?

1. The depicted image shows a sagittal reconstruction
2. The central facial buttress is fractured
3. The CT demonstrates blood in the right maxillary sinus
4. Subcutaneous emphysema appear as hyperdense areas inside the soft tissues
5. The CT demonstrates a displaced fracture of the zygoma

Subcutaneous emphysema is readily visible on CT scans, with pockets of gas seen as extremely dark low (air) attenuation areas in the subcutaneous space.

In zygomaticomaxillary fractures the following fracture components are generally identified: fracture of the zygomatic arch, fractures of the inferior orbital rim and diastasis of the frontozygomatic suture.