

Tripod Fracture Associated with Maxilla Fracture

Shuieb Abdel Hadi*

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Description

A 19 years old male was injured on October 2013, in Aleppo, Syria, during the civil war of Syria. A direct blow over the maxilla and the left side of the face, caused laceration of the upper lip, ala nasi, nostrils, and nasal septum, also two wounds in the lower lip and the chin.



Figure 1



Figure 2



Figure 3



Figure 4

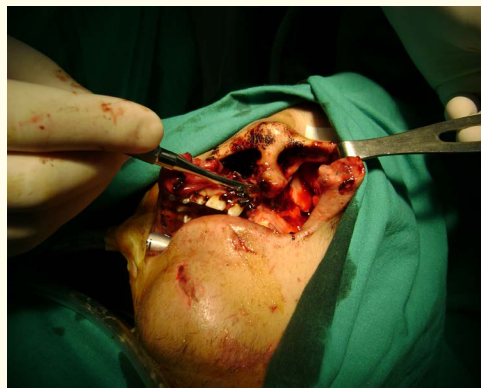


Figure 5

The radiographic findings show: fracture in the inferior rim of the left orbit, fracture in the left zygomatic frontal suture, fracture in the left zygomatic arch, and fractures in the anterior wall of the left maxillary sinus.



Figure 6



Figure 7

Surgical Procedure

I had reconstructed the anterior wall of the left maxillary sinus using mini plates and 0.7mm screws by an intraoral approach.



Figure 8



Figure 9



Figure 10



Figure 11

The reconstruction of the inferior rim of the left orbit was made using an infraorbital-transcutaneous approach and the fixation was performed using mini plate and 7mm screws.



Figure 12



Figure 13



Figure 14

As per the left zygomatic frontal suture fracture, a direct approach was made, and mini plate and 5mm screws were used to perform the fixation.



Figure 15

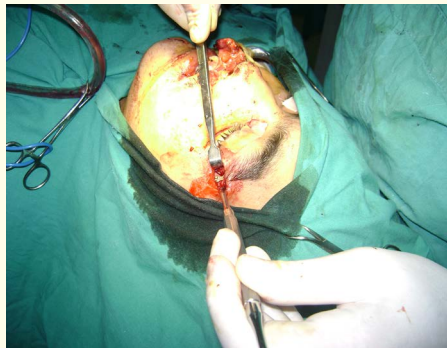


Figure 16

Erich Arch Bars were placed and the occlusion was adjusted, the wounds were sutured on layers.



Figure 17



Figure 18

Figure 19 is two weeks postoperatively.



Figure 19

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