Tripod Fracture Associated with Maxilla Fracture

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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

Citation: Shuieb Abdel Hadi. “Tripod Fracture Associated with Maxilla Fracture”. EC Dental Science 4.6 (2016): 919-925.
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Figure 3

Figure 4

Figure 5
Tripod Fracture Associated with Maxilla Fracture

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.

Surgical Procedure

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

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Erich Arch Bars were placed and the occlusion was adjusted, the wounds were sutured on layers.
Figure 18

Figure 19 is two weeks postoperatively.

Figure 19