

Name : zahraa nashwan muhammed mahmuud

Gender :female

Age :11 years old

On Thirteen December 2016 i was oncall East Erbil emergency hospital ,i received this girl whom severely injured by blast explosion in mousil city with multiple shrapnels in her body (hands , neck, chest and face).

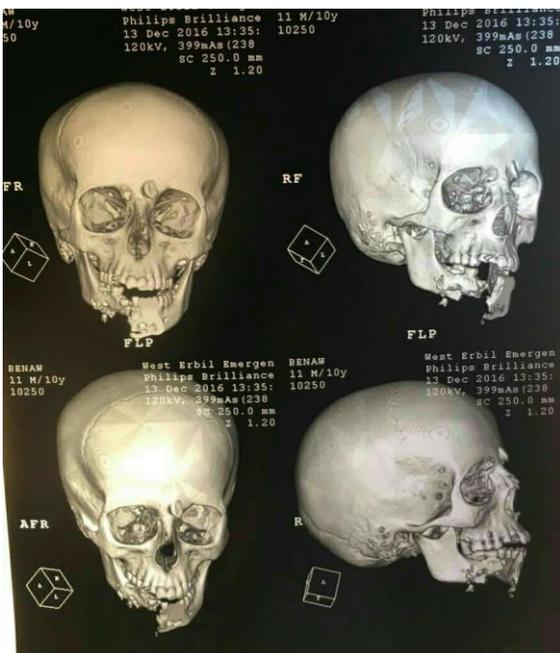
Most of the shrapnels was within the face .

The patient also had fracture and avulsed part of the right side parasymphyseal area of the mandible including bone and soft tissue and teeth from permanent lateral incisal to the permanent first molar .

She had also impacted fracture of nasal and frontal bone with multiple shrapnels penetrating soft tissue and bone.

The shrapnels also penetrating right hand and her figures .

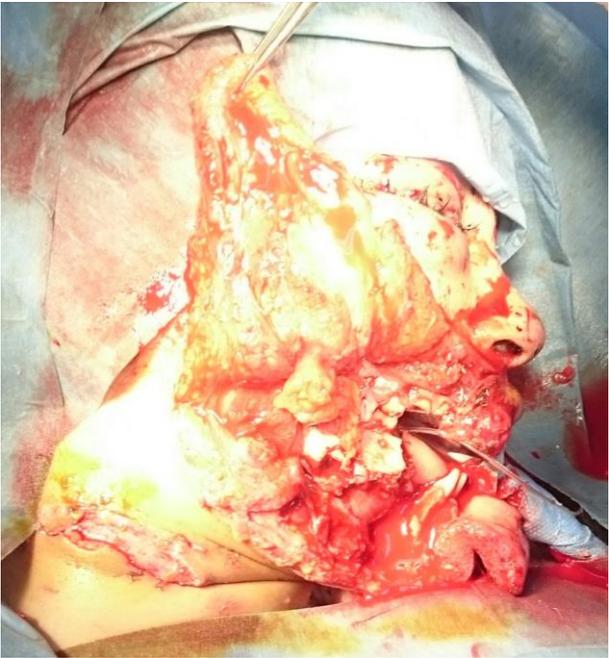
The scalp also penetrated by some shrapnels.



CT SCAN before operation.



in operating theater.



in operating theater.



in operating theater.

Treatment plan: is life saving for her including airway preservation by removing any foreign body or shrapnels inside oral cavity and blood substitution and haemostasis , thorough washing of of the wound using brush and normal saline so as to remove as much as possible foreign bodies or shrapnels, excising severely crushed dead soft tissue and bone, suturing done in multilayers to prevent dead space,regaining normal anatomy oral seal and we used drain.

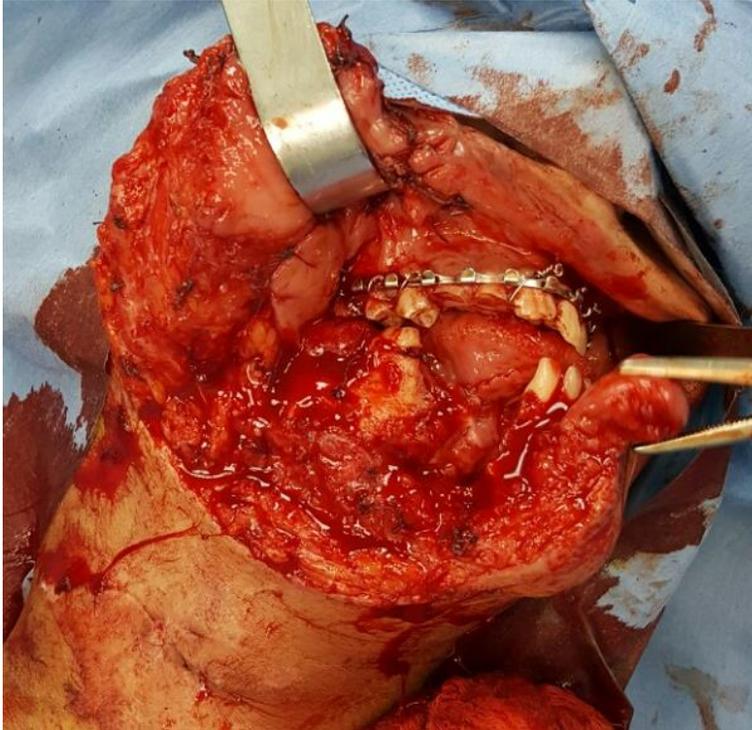


After operation

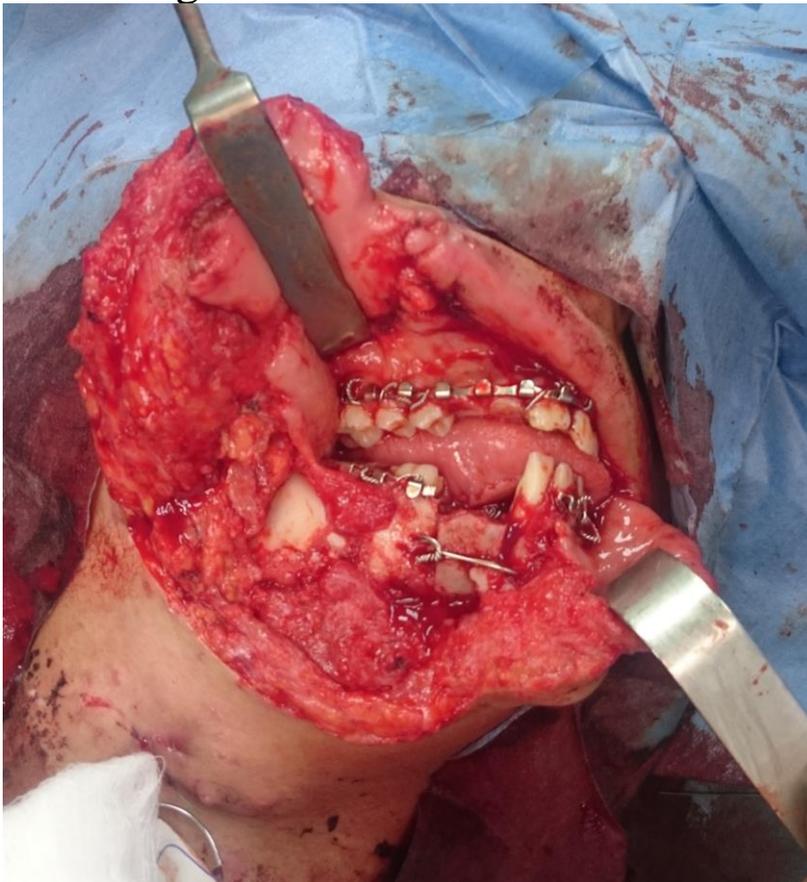


After operation

We admitted her in hospital using antibiotics ,analgesic,blood substitutions and steroid. Four days later she had eye surgery for left eye which contain shrapnels ,now both eyes are intact but with subconjunctival haematoma. Sixteen days later using general anaesthesia we used right side iliac crest autogenous bone graft for avulsed parasymphseal of mandible and fixing the grafted bone with wire and immobilisation by intermaxillary fixation by wire and archbar.



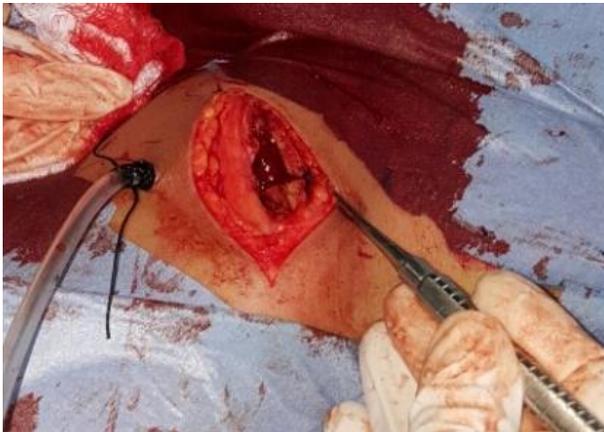
preparing the bed
for bone graft.



After bone graft



After suturing



Iliac crest bone graft

The operation done by karzan ikram ahmed (max facs practitional ,oral surgeon and second year candidate of Kudistan board of medical specialty in max facs) and supervised by assistant proff. Dr Othman abubakr omer.
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