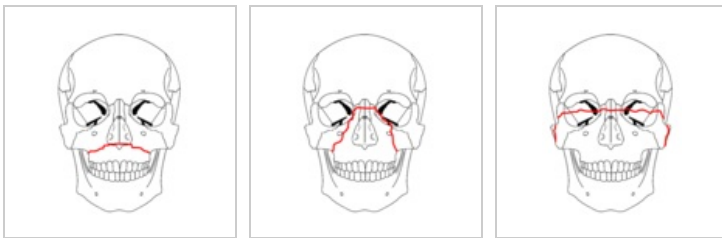


Fractures of the facial skeleton

Fractures of the facial bones are divided into:

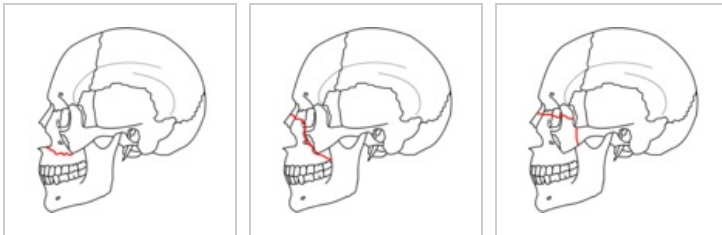
1. **injuries of the teeth + dentoalveolar process**
 2. **injuries of the lower facial stage** (TMJ injuries, mandibular fractures)
 3. **injuries of the middle facial stage** (nasal bones, nasomaxillary complex, *Le Fort I + II* type fracture, sagittal fracture of the maxilla + palatine bones; fractures of the zygomaticomaxillary complex, zygomatic arch; *Le Fort III* type fracture; „blow-out“ fracture)
 4. **fractures of the upper facial stage** (linear, impression, frontonasomoid, sinus frontalis fractures)
 5. **frontobasal injuries**
- early + definitive treatment of these fractures leads to better functional + aesthetic results
 - prognosis for healing of facial skeletal fractures is good
 - the basis of therapy is repositioning + fixation of fractures
 - *provisional fixation*: sling dressing of the chin + nose, provisional fixation of the fractured upper jaw with a wooden skewer, transport splints
 - *definitive fixation*: wire ties, Ivy's knuckle, Sauer's splint, intermaxillary fixation, Adams hinges, bone suture, mini-braces



Le Fort I fracture

Le Fort II fracture

Le Fort III fracture



Le Fort I fracture in profile

Le Fort II fracture in profile

Fracture of Le Fort III in profile

Links

Related articles

- Facial soft tissue injuries
- Treatment of jaw fractures

Literature used

- MĚŠŤÁK, Jan, et al. *Introduction to plastic surgery*. 1. edition. Prague : Charles university in Prague - publishing house Karolinum, 2005. 125 pp. ISBN 80-246-1150-3.