# QOMS Covid-19 OMFS trauma audit - Complication

## REDCap record ID

[already existing]

### Timing of complication(s)

1. **Number of days between index intervention and re-presentation**
   - (re-presentation date minus index intervention date, where index intervention date is day = 0)

2. **Number of days between re-presentation and second intervention(s)**
   - (date of re-presentation minus date of previous treatment, where date of re-presentation is day 0)

3. **If admitted, indicate the number of days spent in hospital**
   - (discharge date minus admission date, where admission date is day = 0, if not admitted, write "N/A")

### Clinical data

- **Is the patient currently being seen at a Hub or Peripheral hospital?**
  - Hub hospital
  - Spoke hospital

- **Patient’s pre-treatment covid-19 status**
  - Covid negative test
  - Covid positive test
  - Post-covid infection
  - Unknown

- **ASA status**
  - ASA I
  - ASA II
  - ASA III
  - ASA IV
  - ASA V

- **Anaesthetic**
  - None
  - LA with sedation
  - LA in Outpatients
  - LA in theatre
  - GA - Daycase
  - GA - Inpatient

- **Indicate the type of complication(s) and their treatment(s)**
  - If a complication is missing, simply write it down

#### Dental injuries

- Early loss of damaged teeth
- No intervention
- Antibiotics only
- Debridement only
- Splinting of teeth
- Extraction(s)
- Transfer to Hub for definitive treatment
QOMS Covid-19 OMFS trauma audit - Complication

<table>
<thead>
<tr>
<th>REDCap record ID</th>
<th>(already existing)</th>
</tr>
</thead>
</table>

**Laceration/incised wound face/neck ± facial nerve injury**
- Unfavourable scar healing – revision needed
  - No intervention
  - Antibiotics only
  - Debridement only
  - Exploration of wound/arrest of haemorrhage
  - Steristrips/Tissue glue
  - Suturing
  - Scar revision
  - Transfer to Hub for definitive treatment

**Le Fort/Naso-orbito-ethmoid (only) and Mandible fractures**
- Early Fixation Failure (with or without infection) < 4 weeks
  - No intervention
  - Antibiotics only
  - Debridement only
  - Arch Bars with screws/wires
  - Leonard buttons/eyelet wiring/Bonded brackets
- Infection: without fixation failure (no antibiotics)
  - Arch Bars with screws/wires
  - Leonard buttons/eyelet wiring/Bonded brackets
- Infection: without fixation failure (antibiotics)
  - Arch Bars with screws/wires
  - Leonard buttons/eyelet wiring/Bonded brackets
- Mal-occlusion Mal-Union
  - IMF Screws
  - Bridle wire
- Non-union/Mobility at fracture site > 4 weeks
  - Plate(s) self-drilling screws
  - Plate(s) drill & screws
- Osteomyelitis (clinical and radiograph)
  - External fixator
- Soft tissue trauma from wires/IMF screws/Arch bars
  - Extra-oral plate(s)
  - Extraction
  - Incision and drainage: extra-oral
  - Incision and drainage: intra-oral
  - Osteotomy
  - Removal of wires/IMF screws/Arch bars
  - Transfer to Hub for definitive treatment
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**Nasal bone fracture (isolated)**

<table>
<thead>
<tr>
<th>Write complication(s) here</th>
<th>No intervention</th>
<th>Antibiotics only</th>
<th>Debridement only</th>
<th>Closed reduction (e.g. MUA nose)</th>
<th>Revision rhinoplasty</th>
<th>Transfer to Hub for definitive treatment</th>
</tr>
</thead>
</table>

**Orbital floor**

- Significant enophthalmos
- Persistent diplopia
- Persistent pain

<table>
<thead>
<tr>
<th></th>
<th>No intervention</th>
<th>Antibiotics only</th>
<th>Debridement only</th>
<th>Exploration and repair with orbital implant</th>
<th>Transfer to Hub for definitive treatment</th>
</tr>
</thead>
</table>

**Zygomatic Complex (isolated)**

- Failure of reduction/fixation
- Infection: without fixation failure (no antibiotics)
- Infection: without fixation failure (antibiotics)

<table>
<thead>
<tr>
<th></th>
<th>No intervention</th>
<th>Antibiotics only</th>
<th>Debridement only</th>
<th>Closed reduction (e.g. elevation zygoma)</th>
<th>Plate(s) self-drilling screws</th>
<th>Plate(s) drill &amp; screws</th>
<th>Transfer to Hub for definitive treatment</th>
</tr>
</thead>
</table>

*Note: The table above includes options for the management of complications associated with nasal bone fractures, orbital floor injuries, and zygomatic complexes.*