

AO CMF Course

Management of Facial Trauma

Course description

Learn the fundamental knowledge, principles and skills for the treatment of craniomaxillofacial fractures and their complications. It covers mid and upper facial trauma, mandibular trauma and special topics. This course includes hands-on practical exercises, online learning, small group discussions and lectures.

Target participants

Surgeons, residents, and fellows who are involved in the treatment of facial trauma.

Learning objectives

- Diagnose facial injury through history, physical examination, and investigations
- Formulate a treatment plan (operative and nonoperative)
- Perform the specific treatment for facial trauma
- Modify the treatment plan when necessary
- Manage patient follow-up and rehabilitation
- Identify and manage complications

Course modules

Module 1—Mid and upper facial trauma

Module 2—Mandibular trauma

Module 3—Additional topics: pediatric fractures, sequencing panfacial fractures, and complications

Small group discussions

- Cases: zygomatic, orbit, zygoma and orbit, and Le Fort
- Cases: NOE, nasal, frontal sinus
- Cases: Load sharing, tooth in line of fracture/sequencing, condyle, load bearing

Featured lectures

- Mid and upper facial trauma:
- Surgical approaches to the midface
- Reestablishing pre-traumatic occlusion
- Maxillary fractures
- (Buttresses, Le Fort, Palatal fractures)
- Zygomatic fractures (incl. orbitozygomatic fractures)
- Orbital wall fractures
- Nasoorbitoethmoid (NOE) fractures (incl. nasal fractures)
- Frontal sinus fractures
- Mandibular trauma:
- Surgical approaches to the mandible
- Mandibular fractures: load sharing and load bearing
- Condylar fractures

Practical exercises

- Mid and upper facial trauma:
 - Power drill
 - Complex midface fractures
 - Maxillomandibular fixation techniques*
- Load-sharing mandibular fractures:
 - Angle
 - Symphysis with miniplates
 - Symphysis with lag screw technique
 - Complex fractures of the mandible

Information

Please follow the links below to find a course date and location nearest to you. You can also visit the AO CMF curriculum page for more information



AO Foundation

Clavadelerstrasse 8 | 7270 Davos |
Switzerland
www.aocmf.org

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