

Otolaryngology – Head and Neck Surgery: Core EPA #26

Assessing and managing patients following facial trauma (JC/SC)

Key Features:

- This EPA focuses on the principles of managing facial trauma, regardless of location. This includes a relevant and comprehensive assessment as well as reduction and/or plating of the fracture with due consideration of functional, cosmetic and structural issues.
- The observation of this EPA is divided into two parts: patient assessments and performing procedures (facial trauma and reconstructive surgery and complex trauma repair)

Assessment Plan:

Part A: Patient Assessment

Supervisor does assessment based on direct or indirect observation

Use Form 1. Form collects information on:

- Location of fracture: orbital; complex nasal

Collect 2 observations of achievement

Part B: Basic alignment and fixation of fractured or osteotomized bone

Supervisor does assessment based on direct observation

Use Form 2. (O-score criteria) Form collects information on:

- Type of fracture: mandible; complex nasal; iatrogenic

Collect 2 observations of achievement

Relevant milestones (Part A)

- 1 F ME 1.4.6 Apply knowledge of common fracture patterns of the facial skeleton and their mechanisms of injury**
- 2 C ME 1.4.1** Apply a broad base and depth of knowledge in the basic and clinical sciences relevant to Oto-HNS
 - biomechanical characteristics of skin and bone in the facial region as they relate to techniques used in facial plastic and reconstructive surgery including tissue expansion, and plating maxillofacial fractures
 - principles of trauma management as it pertains to the maxillofacial region
- 3 C ME 1.4.2** Apply a broad base and depth of knowledge in clinical and biomedical sciences to the medical and surgical management of the breadth of patient presentations in Oto - HNS
- 4 F ME 1.4.9** Apply the principles of diagnostic imaging
- 5 F ME 2.2.1 Elicit a complete history for injury or trauma to the head and neck**
 - cranial nerve function
- 6 C ME 2.2.9 Select and interpret appropriate investigations for any Oto-HNS presentation based on a differential diagnosis**
- 7 C ME 2.2.10 Integrate key maxillofacial structural cosmetic and functional principles into the diagnosis and management of facial fractures, and their complications such as temporomandibular (TMJ) disorders, and cerebrospinal fluid (CSF) leak**

- 8 **C ME 2.4.1** Develop , implement, and document management plans that consider all of the patient's health problems and context in collaboration with patients and their families and, when appropriate, the interprofessional team
- 9 **C ME 3.1.2 Integrate all sources of information to develop a procedural or therapeutic plan that is safe, patient-centred, and considers the risks and benefits of all approaches**
- 10 **C ME 3.1.3** Integrate planned procedures or therapies into global assessment and management plans
- 11 **C ME 3.2.1** Obtain informed consent for complex medical and surgical procedures and therapies
- 12 **C ME 3.3.1 Triage a procedure or therapy, taking into account clinical urgency, potential for deterioration, and available resources**
- 13 **C ME 4.1.1** Coordinate investigation, treatment, and follow-up plans when multiple physicians and healthcare professionals are involved
- 14 **C ME 4.1.2** Establish plans for ongoing care, taking into consideration the patient's clinical state, circumstances, preferences, and actions, as well as available resources, best practices, and research evidence
- 15 **C COM 2.1.2** Integrate, summarize, and present the biopsychosocial information obtained from a patient-centred interview
- 16 **C COM 3.1.2 Convey information related to the patient's health status, care, and needs in a timely, honest, and transparent manner**
- 17 **C COM 5.2.2** Communicate effectively using a written health record, electronic medical record, or other digital technology
- 18 **F COL 1.2.3 Consult as needed with other health care professionals, including but not limited to other physicians or surgeons**
- 19 **C P 1.1.3** Exhibit appropriate professional behaviours and relationships in all aspects of practice, reflecting honesty, integrity, humility, commitment, compassion, respect, altruism, respect for diversity, and maintenance of confidentiality
- 20 **C P 1.2.1** Demonstrate a commitment to excellence in all aspects of practice