

## **Otolaryngology – Head and Neck Surgery: Core EPA #14**

### **Assessing and managing patients presenting with rhinosinusitis**

#### Key Features:

- The observation of this EPA is divided into four parts: patient assessments, performing procedures at the junior core level (basic endoscopic sinus surgery), performing procedures at the senior core level (complete endoscopic sinus surgery) and providing post-operative follow-up care.
- The procedural aspects at the junior Core level focus on basic endoscopic sinus surgery of simple or primary cases and include the procedures of nasal polypectomy, uncinectomy, maxillary antrostomy, anterior ethmoidectomy, and debridement of the ESS cavity
- The procedural aspects at the senior Core level focus on complete endoscopic sinus surgery of primary or more complex cases and include sphenoethmoidectomy. These procedures may be observed in simulation.

#### Assessment plan:

##### Part A: Initial Assessment

Supervisor does assessment based on direct observation and/or a case presentation

Use Form 1. Form collects information on:

- Conditions: primary; recurrent; polyposis

Collect 3 observations of achievement

- At least 1 from each condition

##### Part B: Procedure – Basic Endoscopic Sinus Surgery (JC)

Supervisor does assessment based on direct observation

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

- Case complexity: low; medium; high
- Patient age
- Procedure: nasal polypectomy; uncinectomy; maxillary antrostomy; anterior ethmoidectomy
- Debridement: yes; no

Collect 3 observations of achievement

##### Part C: Procedure – Complete Endoscopic Sinus Surgery (SC)

Supervisor does assessment based on direct observation or simulation

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

- Case complexity: low; medium; high
- Setting: clinical; simulation

Collect 3 observations of achievement

## Part D: Follow-up

Supervisor does assessment based on direct observation

Use Form 1. Form collects information on:

- age: adult; older children, other
- debridement: yes; no

Collect 3 observations of achievement

- At least 1 adult
- At least 1 older child
- At least 2 patients requiring debridement

### Relevant milestones (Part A)

- 1 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
  - bacteriology and bacterial resistance as related to sinusitis
  - pathophysiology of chronic sinusitis with and without nasal polyposis
  - principles of therapeutic agents for allergic disorders of the nose and Chronic Rhinosinusitis with nose polyps (CRSwNP) and Chronic Rhinosinusitis without nasal polyps (CRSsNP), including topical and systemic therapies
- 2 C ME 1.4.3** Apply a broad base and depth of knowledge in clinical and biomedical sciences as they apply to the diagnostic techniques/procedures relevant to Oto - HNS
  - Tests of nasal function and olfactory disorders
- 3 C ME 2.1.1** Consider clinical urgency, feasibility, availability of resources, and comorbidities in determining priorities to be addressed during the current encounter or during future visits or with other health care practitioners
- 4 C ME 2.2.1** Elicit a history, perform a physical exam, select appropriate investigations, and interpret their results for the purpose of diagnosis and management, disease prevention, and health promotion
- 5 C ME 2.2.8** Develop a differential diagnoses, evaluation plan and treatment plan based on findings of appropriate investigations
- 6 C ME 2.2.9** Select and interpret appropriate investigations for any Oto-HNS presentation based on a differential diagnosis
- 7 C ME 2.4.1** 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
- 8 C ME 3.2.1** Obtain informed consent for complex medical and surgical procedures and therapies
- 9 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
- 10 C COM 2.1.1** Use patient-centred interviewing skills to effectively gather relevant biomedical and psychosocial information
- 11 C COM 2.1.2** Integrate, summarize, and present the biopsychosocial information obtained from a patient-centred interview
- 12 C COM 3.1.2** Convey information related to the patient's health status, care, and needs in a timely, honest, and transparent manner
- 13 C COM 5.2.2** Communicate effectively using a written health record, electronic medical record, or other digital technology
- 14 C P 1.2.1** Demonstrate a commitment to excellence in all aspects of practice

Relevant milestones (Part D)

- 1 **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
- 2 **C ME 1.5.2 Assess and document the extent of the disease including rating scores where appropriate**
- 3 **C ME 2.2.1** Elicit a history, perform a physical exam, select appropriate investigations, and interpret their results for the purpose of diagnosis and management, disease prevention, and health promotion
- 4 **C ME 2.2.3 Identify risk factors for recurrent disease**
- 5 **C ME 2.2.6 Perform and interpret findings of office and /or clinic based exams**
- 6 **C ME 2.2.9** Select and interpret appropriate investigations for any Oto-HNS presentation based on a differential diagnosis
- 7 **C ME 2.4.1** 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
- 8 **C ME 2.4.5 Provide timely and adequate responses to complications and undesired side effects of treatment**
- 9 **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**
- 10 **C ME 4.1.3** Accurately identify situations that necessitate consultation of other health professionals to assist in the management of disorders encountered in Otolaryngology – Head and Neck Surgery
- 11 **C ME 4.1.4 Provide long-term management of a patient after medical and/or surgical treatment**
- 12 **C COM 5.2.2 Communicate effectively using a written health record, electronic medical record, or other digital technology**
- 13 **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
- 14 **C P 1.2.1** Demonstrate a commitment to excellence in all aspects of practice