

## **Otolaryngology – Head and Neck Surgery: Core EPA #12**

### **Assessing and providing surgical management for patients with dysphonia**

#### Key Features:

- The observation of this EPA is divided into two parts: patient assessments, including diagnostic endoscopy, objective voice testing and aerodynamic testing; and performance of vocal fold injection, microlaryngeal surgery, and thyroplasty.
- The clinical assessment aspects of this EPA are expected to be achieved at the junior core stage; the expectation for the procedural aspects is at the senior core stage

#### Assessment Plan:

##### Part A: Patient Assessment

Direct observation or case review by supervisor

Use Form 1. Form collects information on:

- Age group: pediatric; adult
- Type: vocal cord paralysis; vocal cord lesion; functional voice disorder; other

Collect 3 observations of achievement

##### Part B: Procedure

Direct observation by supervisor

Use Form 2. Form collects information on:

- Procedure: vocal fold injection; microlaryngeal surgery; thyroplasty

Collect 3 observations of achievement

#### CanMEDs Milestones:

##### Part A: Patient Assessment

- 1 ME 1.4 Apply knowledge of the physics of sound, voice, and speech production**
- 2 ME 1.4** 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
  - Infectious and inflammatory conditions
  - Trauma
  - Benign and malignant tumours
  - Neurologic voice disorders
  - The professional voice
- 3 ME 1.4** 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
  - Principles of diagnostic endoscopy as relevant to adult and pediatric patients

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OTOLARYNGOLOGY – HEAD AND NECK SURGERY (2022)*

- Objective voice testing, and electrophysiological techniques
  - Aerodynamic testing
  - Assessment methods used specifically in children
- 4 ME 1.4** Apply a broad base and depth of knowledge in clinical and biomedical sciences as they apply to the therapeutic techniques/procedures relevant to Oto - HNS
- Principles of therapeutic procedures related to both endoscopic and open approaches
  - Principles of laser therapy of the larynx
- 5 ME 2.2 Perform and interpret findings of office- and/or clinic-based exams**
- **Voice and airway analysis**
- 6 ME 2.3 Address the impact of the medical condition on the patient's ability to pursue life goals and purposes**
- 7 ME 2.3 Share concerns (in a constructive and respectful manner) with patients and their families about their goals of care when they are not felt to be achievable**
- 8 ME 3.1 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**
- 9 ME 3.2** Obtain informed consent for complex medical and surgical procedures and therapies
- 10 ME 4.1** Establish plans for ongoing care
- 11 COM 1.5 Recognize when strong emotions (such as anger, fear, anxiety, or sadness) are impacting an interaction and respond appropriately**
- 12 COM 2.2** Manage the flow of challenging patient encounters, including those with angry, distressed, or excessively talkative individuals
- 13 HA 1.3** Promote risk reduction through smoking cessation, responsible alcohol use, UVA/UVB protection, and/or promotion of HPV vaccination for girls and boys

Part B: Procedure – Senior Core

- 1 ME 1.4 Knowledge of specific procedural steps: Understands steps of procedure, potential risks, and means to avoid/overcome them**
- 2 ME 3.1 Pre-procedure plan: Gather/assess required information to reach diagnosis and determine correct procedure required**
- 3 ME 3.4 Case preparation: Patient correctly prepared and positioned, understands approach and required instruments, prepared to deal with probable complications**
- 4 ME 3.4 Technical performance: Efficiently performs steps, avoiding pitfalls and respecting soft tissues**
- 5 ME 3.4 Visuospatial skills: 3D spatial orientation and able to position instruments/hardware where intended**
- 6 ME 3.4 Post-procedure plan: Appropriate complete post procedure plan**
- 7 ME 3.4 Efficiency and flow: Obvious planned course of procedure with economy of movement and flow**
- 8 COL 1.3 Professional and effective communication/utilization of staff**