Otolaryngology – Head and Neck Surgery: Foundation EPA #5

Assessing and providing initial management for patients with hearing loss

Key Features:
- The observation of this EPA is divided into two parts: patient assessments and performing a myringotomy and tube insertion.
- The patient assessment aspect of this EPA includes otomicroscopy and must include the interpretation of an audiogram.

Assessment plan:

Part A: Patient assessment
Direct or indirect observation by supervisor

Use Form 1

Collect 4 observations of achievement

Part B: Myringotomy and tube insertion
Direct observation by supervisor

Use Form 2. (O-score criteria)

Collect 4 observations of achievement

Relevant milestones:

Part A: Patient assessment

1. ME 1.4 Apply knowledge of clinical and biomedical sciences as relevant to Oto-HNS
2. ME 1.4 Apply knowledge of neurophysiology and neuropsychology of hearing perception
3. ME 1.4 Apply knowledge in clinical and biomedical sciences as they apply to the diagnostic techniques/procedures relevant to Oto-HNS
   - Conventional audiometry (including but not limited to tympanometry and stapedial reflex testing) and otoacoustic emission testing, and their applications
   - Audiological assessment in different age groups
   - Tuning forks
4. ME 1.4 Apply clinical and biomedical sciences to manage patient presentations in Oto-HNS
5 ME 1.5 Recognize urgent issues that may need the involvement of more senior colleagues and engage them immediately

6 ME 2.2 Identify and differentiate normal and abnormal findings in history and physical exam

7 ME 2.2 Perform and interpret findings of office-based exams
   - Perform otomicroscopy
   - Interpret basic puretone audiogram tympanogram

8 ME 2.2 Develop a specific differential diagnosis relevant to the patient’s presentation, for common Oto-HNS presentations

9 ME 2.2 Select and interpret appropriate investigations for common Oto-HNS presentations, based on a differential diagnosis

10 ME 2.4 Ensure that the patient and family are informed about the risks and benefits of each treatment option in the context of best evidence and guidelines

11 ME 3.1 Describe the indications, contraindications, risks, and/or alternatives for a given procedure or therapy

12 ME 3.1 Describe to patients common procedures or therapies for common conditions in their discipline

13 ME 3.2 Obtain informed consent for commonly performed medical and surgical procedures and therapies, under supervision

14 ME 3.2 Document the consent discussion accurately

15 ME 3.4 Establish and implement a plan for post-procedure care

16 ME 4.1 Ensure follow-up on results of investigation and response to treatment

17 ME 4.1 Recognize need for consultations of other healthcare professionals

18 COM 1.6 Assess patients’ decision-making capacity

19 COM 2.1 Conduct a patient-centred interview, gathering all relevant biomedical and psychosocial information for any clinical presentation

20 COM 2.1 Demonstrate knowledge of techniques for eliciting health information from children and their families

21 COM 2.1 Recognize the psychological, occupational, and social consequences of sensory or communication disorders

22 L 2.1 Consider costs when choosing care options

23 L 2.2 Apply evidence and guidelines with respect to utilization relevant to common clinical scenarios

24 HA 1.3 Work with the patient and family to identify opportunities for disease prevention, health promotion, and health protection

Part B: Myringotomy and tube insertion

1 ME 1.4 Knowledge of specific procedural steps: Preprocedure plan:
   Understands steps of procedure, potential risks, and means to avoid/overcome them

2 ME 3.1 Preprocedure 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