Otolaryngology – Head and Neck Surgery: Foundation EPA #7

Assessing and providing initial management for patients with acute-onset 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 the interpretation of an audiogram

Assessment plan:

Part A: Patient Assessment
Supervisor does assessment based on direct or indirect observation

Use Form 1. Form collects information on:
- Age group: pediatric; adults
- Audiogram done: yes; no

Collect 4 observations of achievement
- At least 2 must include interpretation of an audiogram

Part B: Procedure - Myringotomy and Tube Insertion
Supervisor does assessment based on direct observation of myringotomy and tube insertion

Use Form 2. (O-score criteria)
Collect 4 observations of achievement

Relevant milestones (Part A)

1. F ME 1.4.1 Apply knowledge of clinical and biomedical sciences as relevant to Otolaryngology Head and Neck Surgery
2. F ME 1.4.4 Apply knowledge of neurophysiology and neuropsychology of hearing perception
3. F ME 1.4.8 Apply knowledge in clinical and biomedical sciences as they apply to the diagnostic techniques/procedures relevant to Otolaryngology – Head and Neck Surgery
   - 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. F ME 1.4.9 Apply clinical and biomedical sciences to manage patient presentations in Otolaryngology – Head and Neck Surgery
5. F ME 1.5.2 Recognize urgent issues that may need the involvement of more senior colleagues and engage them immediately
6. F ME 2.2.7 Identify and differentiate normal and abnormal findings in history and physical exam
7. F ME 2.2.13 Perform and interpret findings of office-based exams
   - Perform otomicroscopy
   - Interpret basic puretone audiogram tympanogram
8. F ME 2.2.14 Develop a specific differential diagnosis relevant to the patient’s presentation, for common Oto-HNS presentations
Select and interpret appropriate investigations for common Otolaryngology-Head and Neck Surgery presentations, based on a differential diagnosis.

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.

Describe the indications, contraindications, risks, and/or alternatives for a given procedure or therapy.

Describe to patients common procedures or therapies for common conditions in their discipline.

Obtain informed consent for commonly performed medical and surgical procedures and therapies, under supervision.

Document the consent discussion accurately.

Establish and implement a plan for post-procedure care.

Ensure follow-up on results of investigation and response to treatment.

Recognize need for consultations of other healthcare professionals.

Assess patients’ decision-making capacity.

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

Demonstrate knowledge of techniques for eliciting health information from children and their families.

Recognize the psychological, occupational, and social consequences of sensory or communication disorders.

Consider costs when choosing care options.

Apply evidence and guidelines with respect to utilization relevant to common clinical scenarios.

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