

## **Educational Objectives: LHSC-VH (PED) – Senior Level (PGY-4/5)**

The overall objective of this rotation will be to provide an in-depth exposure to Paediatric Otolaryngology, Otology, and General Head and Neck Surgery and to refine clinical skills related to these subspecialties. There will also be the expectation to demonstrate the ability to provide consultative services, office and emergency therapeutics, and ward care at an advanced level with limited consultant intervention. The resident will be expected to assume greater independence in performance operative procedures related to Paediatric Otolaryngology and General Head and Neck Surgery.

### **Medical Expert**

#### General Skills:

1. Participate in the post-operative ward and office management of patients who have undergone general head and neck surgery, otologic surgery, and paediatric otolaryngic procedures
2. Perform rigid laryngoscopy, bronchoscopy and esophagoscopy with or without removal foreign body with limited consultant intervention
3. Perform open and percutaneous tracheostomies with limited consultant intervention
4. Interpret imaging of temporal bones, paranasal sinuses, and soft tissues of the head and neck in children
5. Knowledge base on par with level of training

#### Paediatric Otolaryngology

1. Assess children with ENT emergencies and manage them with limited consultant intervention
2. Assess the paediatric airway in ER, PICU, NICU with formulation of diagnosis and management plan
3. Know the indications for paediatric tracheotomy, perform the procedure, and manage the patient post-operatively
4. Assist at and begin to perform paediatric rigid bronchoscopy with or without removal of foreign body
5. Assist at and begin to perform airway reconstruction in the paediatric population (e.g. laryngotracheoplasty)
6. Be able to perform and interpret conventional audiometry and tympanometry in children
7. Classification scheme and approach to management of common congenital and acquired causes of paediatric hearing loss
8. Understand the principles and application of auditory brainstem response (ABR) and Otoacoustic Emissions (OAEs)
9. Demonstrate a sophisticated approach to auditory rehabilitation including surgical and non-surgical options
10. Elevate a tympanomeatal flap with limited consultant intervention
11. Perform tympanoplasty with limited consultant intervention

12. Perform ossiculoplasty with consultant supervision
13. Perform mastoidectomy with consultant supervision
14. Differential diagnosis and management of a paediatric neck mass
15. Interpret imaging of soft tissues of the head and neck
16. Perform removal of common anterior neck masses and cervical lymph node biopsy with limited consultant intervention (e.g. Thyroglossal duct cyst)
17. Assist and begin to perform pediatric endoscopic sinus surgery

### **Communicator**

1. Demonstrate effective establishment of therapeutic relationships with patients and their families
2. Present histories, physical findings, and management plan to consultants in an organized, efficient, and confident manner
3. Obtain and synthesize relevant history from patients, their families, and communities
4. Prepare clear, accurate, concise, appropriately detailed clinical notes, consultation notes, discharge summaries, and operative reports
5. Discuss more complex procedures (e.g. tympanoplasty, thyroidectomy) with patients and their families in a clear and understandable form including risks/benefits, informed consent, and post-operative care
6. Prepare, participate, and present effectively in organized rounds and seminars

### **Collaborator**

1. Identify the situations and instances where consultation of other physicians or health care professional is useful or appropriate
2. Demonstrate collegial and professional relationships with other physicians, office and clinic support staff, operating room personnel, and emergency room staff
3. Recognize the expertise and role of allied health professionals

### **Manager**

1. Utilize resources effectively to balance patient care duties, learning needs, educational/teaching responsibilities and outside activities
2. Allocate finite health care resources in a wise, equitable, and ethical fashion
3. Utilise information technology to optimize patient care and life-long learning including facile use of hospital IT resources (e.g. filmless radiology, electronic charting)
4. Demonstrate an appreciation of the importance of quality assurance/improvement
5. Actively participate in preparation, presentation, analysis, and reporting of morbidity and mortality rounds
6. Accurately identify criteria for patient admission to hospital in the urgent/emergent situation as well as the implications of such decisions

### **Health Advocate**

1. Recognize and respond to opportunities for advocacy within Otolaryngology, both for your patients as well as for the community in which we practice
2. Demonstrate familiarity with important determinants of health relevant to Otolaryngology such as environmental noise exposure

## **Scholar**

1. Actively participate in the teaching of medical students (didactic, in clinics, and on wards/in OR)
2. Facilitate learning in patients and other health professionals
3. Actively participate in preparation and presentation of weekly Grand Rounds
4. Demonstrate a critical appraisal of research methodology, biostatistics, and the medical literature as part of monthly Journal Clubs
5. Practice the skill of self-assessment
6. Develop, implement, and monitor a personal educational strategy and seek guidance for this educational strategy as appropriate
7. Demonstrate the evolving commitment to, and the ability to practice, life-long learning
8. Contribute to the development of new knowledge through participation in clinical or basic research studies
9. Demonstrate commitment to evidence based standards for care of common problems in Otolaryngology
10. Actively participate in weekly academic half-day seminar series including advance preparation for the topic(s)

## **Professional**

1. Deliver highest quality care with integrity, honesty, and compassion
2. Exhibit appropriate professional and interpersonal behaviours
3. Practice medicine and Otolaryngology in an ethically responsible manner
4. Recognize limitations and seek assistance as necessary
5. Seek out and reflect on constructive criticism of performance
6. Endeavour to develop an appropriate balance between personal and professional life to promote personal physical and mental health/well-being as an essential to effective, life-long practice