

Name of Block	Block- II
Name of Elective	Securing a surgical airway: technique, devices and post operative care
Location of hospital Lab or research facility	Dept. of Otorhinolaryngology
Name of internal preceptor (s)	Dr Sahil Maingi
Name of external preceptor (if applicable)	
Learning objectives of elective	To evaluate situations requiring creation of surgical airway & its maintenance To get familiarize with different airway devices
Differential diagnosis	To study Different technique, devices for securing surgical airway.
Workup	Clinical workup
OPD Investigations	Indirect Laryngoscopy Tongue spatula examination
Specialized examination	70 degree laryngopharyngoscopy Flexible Endoscopy
Imaging studies	X ray /CT/Mri
Treatment undertaken	
1. Medical	Oxygen, steroids
2. Surgical	Observe
	1. Work up of the patient 2. Counseling of indications & advantages of procedure and filling of consent form 3. Pre procedure protocol 4. Type of anaesthesia 5. steps of surgery 6. Shifting to recovery after procedure 7. Post op protocol 8. Post procedure likely complications and management 9. Advise on discharge and follow up
Observe in OT	a.Positioning, scrubbing and draping of patient
	b.Selection of instruments
	c.Preparation of instrument trolley
	d.Steps of surgery
	e.Steps of anaesthesia
	f.Post op medications (ENT/ Anaesthesia)
Number of students that can be accommodated in this elective	

Pre-requisites for elective	Knowledge of i. Internet browsing ii Microsoft Excel/Word
Learning resources required	1. Pub Med User Guide 2. The Medical Research Handbook 3. ENT text book a. Diseases of Ear, Nose and Throat-Dr PL Dhingra b. Diseases of Ear, Nose and throat-Dr Mohan Bansal
Assessment	a. Attendance b. Day to day participation in departmental activity c. Performance of assigned tasks
Other comments	

Elective Module: IV

**Securing a surgical airway: technique, devices
and post operative care**

The learner will be given clinical exposure to situations requiring creation or maintenance of surgical airway. This will include attending to & assisting procedures such as tracheostomy, cricothyroidotomy etc. The learning experience will include familiarization with different airway devices. The learner will also actively participate in providing post operative care to these patients.

Securing a surgical airway is a critical skill in emergency & surgical settings. Student will be acquainted with

1. Introduction to surgical airway management
2. Equipment & preparation
3. Cricothyroidotomy/Emergency surgical airway
4. Tracheostomy (Emergency & Elective)
5. Complications & management

Diagnosis of airway obstruction is a critical skill in emergency department it being the most common indication for securing the airway. Students will be familiarized with definition & classification of airway obstruction, common causes, pathophysiology & its impact on ventilation & oxygenation.

Students will also be helped in building up their history taking & Physical examination skills.