

# OTORHINOLARYNGOLOGY (ENT)

Undergraduate curriculum based on CBME by NMC dated 13/12/2022						
UCMS						
Department of Otorhinolaryngology						
Assessment Logbook to be maintained by Student						
S No.	Competency	Core Skill	Type of Teaching	Level	Assessment	Integration
<b>Anatomy and Physiology of ear, nose, throat, head &amp; neck</b>						
EN1.1	Describe the Anatomy & physiology of ear, nose, throat, head & neck	Y	LGD, SGD, Bedside clinic	KH	W/V/Skill Assessment	Anatomy (V)
EN1.2	Describe the pathophysiology of common diseases in ENT	Y	LGD, SGD, Bedside clinic	KH	W/V/Skill Assessment	Physiology (V), Pathology (V)
<b>Clinical Skills</b>						
EN2.1	Elicit document and present an appropriate history in a patient presenting with an ENT complaint	Y	LGD, SGD, Bedside clinic	SH	Skill Assessment	
EN2.2	Demonstrate the correct use of a headlamp in the examination of the ear, nose and throat	Y	Bedside clinic , DOAP session	SH	Skill Assessment	
EN2.3	Demonstrate the correct technique of examination of the ear including Otoscopy	Y	Bedside clinic , DOAP session	SH	V/Skill Assessment	
EN2.4	Demonstrate the correct technique of performance and interpret tuning fork tests	Y	Bedside clinic , DOAP session	SH	Skill Assessment/OSCE	
EN2.5	Demonstrate the correct technique of examination of the nose & paranasal sinuses including the use of nasal speculum	Y	Bedside clinic , DOAP session	SH	V/Skill Assessment/OSCE	

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EN2.6	Demonstrate the correct technique of examining the throat including the use of a tongue depressor	Y	Bedside clinic , DOAP session	SH	Skill Assessment	
EN2.7	Demonstrate the correct technique of examination of neck including elicitation of laryngeal crepitus	Y	Bedside clinic , DOAP session	SH	Skill Assessment	
EN2.8	Demonstrate the correct technique to perform and interpret pure tone audiogram & impedance audiogram	Y	Bedside clinic , DOAP session	SH	V/Skill Assessment/OSCE	
EN2.9	Choose correctly and interpret radiological, microbiological & histological investigations relevant to the ENT disorders	Y	LGD, SGD, Bedside clinic, DOAP session	SH	W/V/Skill Assessment	
EN2.10	Identify and describe the use of common instruments used in ENT surgery	Y	LGD, SGD, Bedside clinic, DOAP session	SH	Skill Assessment/OSCE	
EN2.11	Describe and identify by clinical examination malignant & pre-malignant ENT diseases	Y	LGD, SGD	SH	W/V/Skill Assessment	Dentistry (H), Dermatology (H)
EN2.12	Counsel and administer informed consent to patients and their families in a simulated environment	Y	Bedside clinic , DOAP session	SH	Skill Assessment/OSCE	
EN2.13	Identify, resuscitate and manage ENT emergencies in a simulated environment (including tracheostomy, anterior nasal packing, removal)	Y	SGD, Bedside clinic, DOAP session	SH	Skill Assessment/OSCE	
EN2.14	Demonstrate the correct technique to instilling topical medications into the ear, nose and throat in a simulated environment	Y	Bedside clinic , DOAP session	SH	Skill Assessment	
EN2.15	Describe the national programs for prevention of deafness, cancer, noise & environmental pollution	Y	SGD, SDL	SH	W/V	Community Medicine (V)
Diagnostic and Therapeutic procedures in ENT						

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EN3.1	Observe and describe the indications for and steps involved in the performance of Otomicroscopic examination in a simulated environment	N	SGD, Bedside clinic , DOAP session	KH	W/V	
EN3.2	Observe and describe the indications for and steps involved in the performance of diagnostic nasal Endoscopy	N	SGD, Bedside clinic , DOAP session	KH	W/V	
EN3.3	Observe and describe the indications for and steps involved in the performance of Rigid/Flexible Laryngoscopy	N	SGD, Bedside clinic	KH	W/V	
EN3.4	Observe and describe the indications for and steps involved in the removal of foreign bodies from ear, nose & throat	N	SGD, Bedside clinic , DOAP session	KH	W/V	
EN3.5	Observe and describe the indications for and steps involved in the surgical procedures in ear, nose & throat	N	SGD, Bedside clinic	KH	W/V	
EN3.6	Observe and describe the indications for and steps involved in the skills of emergency procedures in ear, nose & throat	N	SGD, Bedside clinic	KH	W/V	
<b>Management of diseases of ear, nose &amp; throat</b>						
EN4.1	Elicit document and present a correct history, demonstrate and describe the clinical features, choose the correct investigations and describe the principles of management of Otolgia	Y	SGD, DOAP session, Bedside clinic	SH	W/V/Skill Assessment	
EN4.2	Elicit document and present a correct history, demonstrate and describe the clinical features, choose the correct investigations and describe the principles of management of diseases of the external Ear	Y	SGD, DOAP session, Bedside clinic	SH	W/V/Skill Assessment	
EN4.3	Elicit document and present a correct history, demonstrate and describe the clinical features, choose the correct investigations and describe the principles of management of ASOM	Y	SGD, DOAP session, Bedside clinic	SH	W/V/Skill Assessment	Paediatrics (V)

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EN4.4	Demonstrate the correct technique to hold visualize and assess the mobility of the tympanic membrane and its mobility and interpret and interpret and diagrammatically represent the findings	Y	SGD, DOAP session, Bedside clinic	SH	W/V/Skill Assessment	
EN4.5	Elicit document and present a correct history, demonstrate and describe the clinical features, choose the correct investigations and describe the principles of management of OME	Y	SGD, DOAP session, Bedside clinic	SH	W/V/Skill Assessment	Paediatrics (V)
EN4.6	Elicit document and present a correct history, demonstrate and describe the clinical features, choose the correct investigations and describe the principles of management of Discharging Ear	Y	LGD, SGD, DOAP session, Bedside clinic	SH	W/V/Skill Assessment	
EN4.7	Elicit document and present a correct history demonstrate and describe the clinical features, choose the correct investigations and describe the principles of management of CSOM	Y	LGD, SGD, DOAP session, Bedside clinic	SH	W/V/Skill Assessment	
EN4.8	Elicit document and present a correct history, demonstrate and describe the clinical features, choose the correct investigations and describe the principles of management of squamosal type of CSOM	Y	LGD, SGD, DOAP session, Bedside clinic	SH	W/V/Skill Assessment	
EN4.9	Demonstrate the correct technique for syringing wax from the ear in a simulated environment	Y	DOAP session, Bedside clinic	SH	Skill assessment	
EN4.10	Observe and describe the indications for and steps involved in myringotomy and myringoplasty	Y	LGD, SGD	KH	W/V	
EN4.11	Enumerate the indications describe the steps and observe a mastoidectomy	Y	LGD, SGD	KH	W/V	
EN4.12	Elicit document and present a correct history demonstrate and describe the clinical features, choose the correct investigations and describe the principles of management of Hearing Loss	Y	LGD, SGD	SH	W/V/Skill Assessment	General Medicine (H)

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EN4.13	Describe the clinical features, investigations and principles of management Otosclerosis	Y	LGD, SGD	KH	W/V/Skill Assessment	
EN4.14	Describe the clinical features, investigations and principles of management of Sudden Sensorineural Hearing Loss	Y	SGD	KH	W/V/Skill Assessment	
EN4.15	Describe the clinical features, investigations principles of management of Noise Induced Hearing Loss	Y	SGD	KH	W/V/Skill Assessment	
EN4.16	Observe and describe the indications for and steps involved in the performance of pure tone audiometry	Y	SGD, DOAP session, Bedside clinic	KH	W/V	
EN4.17	Enumerate the indications and interpret the results of an audiogram	Y	SGD, DOAP session, Bedside clinic	SH	V/Skill assessment	
EN4.18	Describe the clinical features, investigations and principles of management of Facial Nerve palsy	Y	LGD, SGD, Bedside clinic	KH	W/V/Skill Assessment	
EN4.19	Describe the clinical features, investigations principles of management of Vertigo	Y	SGD, Bedside clinic	KH	W/V/Skill Assessment	
EN4.20	Describe the clinical features, investigations principles of management of Meniere's Disease	N	LGD	KH	W/V/Skill Assessment	
EN4.21	Describe the clinical features, investigations principles of management of Tinnitus	Y	SGD	KH	W/V/Skill Assessment	
EN4.22	Elicit document and present a correct history demonstrate and describe the clinical features, choose the correct investigations and describe the principles of management of squamosal type of Nasal Obstruction	Y	LGD	SH	W/V/Skill Assessment	








EN4.23	Describe the clinical features, investigations and principles of management of DNS	Y	SGD	KH	W/V/Skill Assessment	
EN4.24	Enumerate the indications observe and describe the steps in a septoplasty	Y	SGD	KH	W/V	
EN4.25	Elicit document and present a correct history, demonstrate and describe the clinical features, choose the correct investigations and describe the principles of management of squamosal type of Nasal Polyps	Y	LGD, SGD, DOAP session, Bedside clinic	SH	W/V/Skill Assessment	
EN4.26	Elicit document and present a correct history, demonstrate and describe the clinical features, choose the correct investigations and describe the principles of management of squamosal type of Adenoids	Y	LGD, SGD, DOAP session, Bedside clinic	SH	W/V/Skill Assessment	Paediatrics (V)
EN4.27	Elicit document and present a correct history, demonstrate and describe the clinical features, choose the correct investigations and describe the principles of management of squamosal type of Allergic Rhinitis	Y	LGD	SH	W/V/Skill Assessment	Paediatrics (V)
EN4.28	Elicit document and present a correct history, demonstrate and describe the clinical features, choose the correct investigations and describe the principles of management of squamosal type of Vasomotor Rhinitis	Y	LGD	SH	W/V/Skill Assessment	
EN4.29	Elicit, document and present a correct history, demonstrate and describe the clinical features, choose the correct investigations and describe the principles of management of squamosal type of Acute & Chronic Rhinitis	Y	LGD, SGD, DOAP session, Bedside clinic	SH	W/V/Skill Assessment	
EN4.30	Elicit document and present a correct history, demonstrate and describe the clinical features, choose the correct investigations and	Y	LGD, SGD, Bedside clinic	SH	W/V/Skill Assessment	

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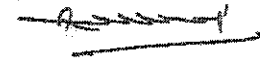
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	describe the principles of management of squamosal type of Epistaxis					
EN4.31	Describe the clinical features, investigations and principles of management of trauma to the face & neck	N	SGD	KH	W/V	
EN4.32	Describe the clinical features, investigations and principles of management of nasopharyngeal Angiofibroma	Y	LGD	KH	W/V	
EN4.33	Elicit document and present a correct history demonstrate and describe the clinical features, choose the correct investigations and describe the principles of management of squamosal type of Acute & Chronic Sinusitis	Y	LGD, SGD, Bedside clinic	SH	W/V/Skill Assessment	
EN4.34	Describe the clinical features, investigations and principles of management of Tumors of Maxilla	Y	LGD	KH	W/V	
EN4.35	Describe the clinical features, investigations and principles of management of Tumors of Nasopharynx	N	LGD	KH	W/V/Skill Assessment	
EN4.36	Describe the clinical features, investigations and principles of management of diseases of the Salivary glands	N	SGD	KH	W/V/Skill Assessment	
EN4.37	Describe the clinical features, investigations and principles of management of Ludwig's angina	Y	SGD	KH	W/V/Skill Assessment	
EN4.38	Elicit document and present a correct history demonstrate and describe the clinical features, choose the correct investigations and describe the principles of management of type of dysphagia	Y	SGD	SH	W/V/Skill Assessment	
EN4.39	Elicit document and present a correct history, demonstrate and describe the clinical features, choose the correct investigations and	Y	LGD, SGD, Bedside clinic, DOAP	SH	W/V/Skill Assessment	

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	describe the principles of management of squamosal type of Acute & Chronic Tonsillitis					
EN4.40	Observe and describe the indications for and steps involved in a tonsillectomy / adenoidectomy	Y	SGD	KH	W/V	
EN4.41	Describe the clinical features, investigations and principles of management of Acute & chronic abscesses in relation to Pharynx	Y	SGD	KH	W/V	
EN4.42	Elicit, document and present a correct history, demonstrate and describe the clinical features, choose the correct investigations and describe the principles of management of hoarseness of voice	Y	LGD, SGD, Bedside clinic	SH	W/V/Skill Assessment	
EN4.43	Describe the clinical features, investigations and principles of management of Acute & Chronic Laryngitis	Y	LGD, SGD, Bedside clinic	KH	W/V	
EN4.44	Describe the clinical features, investigations and principles of management of Benign lesions of the vocal cord	Y	LGD	KH	W/V	
EN4.45	Describe the clinical features, investigations and principles of management of Vocal cord palsy	N	LGD	KH	W/V/Skill Assessment	
EN4.46	Describe the clinical features, investigations and principles of management of Malignancy of the Larynx & Hypopharynx	Y	LGD	KH	W/V/Skill Assessment	
EN4.47	Describe the clinical features, investigations and principles of management of Stridor	Y	LGD, SGD	KH	W/V/Skill Assessment	Paediatrics (V)
EN4.48	Elicit document and present a correct history, demonstrate and describe the clinical features, choose the correct investigations and describe the principles of management of Airway Emergencies	Y	SGD	SH	W/V/Skill Assessment	Paediatrics (V)






EN4.49	Elicit document and present a correct history, demonstrate and describe the clinical features, choose the correct investigations and describe the principles of management of foreign bodies in the air & food passages	Y	SGD, Bedside clinic	SH	W/V/Skill Assessment	Paediatrics (V)
EN4.50	Observe and describe the indications for and steps involved in tracheostomy	Y	SGD, Bedside clinic	KH	W/V	
EN4.51	Observe and describe the care of the patient with a tracheostomy	Y	SGD, Bedside clinic	KH	W/V	
EN4.52	Describe the Clinical features, Investigations and principles of management of diseases of Oesophagus	Y	SGD	ENT	W/V/Skill Assessment	
EN4.53	Describe the clinical features, investigations and principles of management of HIV manifestations of the ENT	Y	SGD, SDL	KH	W/V/Skill Assessment	General Medicine (V)

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Annexure - II

Theory Exam

The Theory exam paper will be of 100 marks.

It will consist of three sections.

Section I (20 Marks)

Q.1. Multiple Choice Questions (5 x 2 marks each) = 20

Section II (40 Marks)

Q.1 Structured Long Question (10 marks)

Q.2. Structured Long Question (10 marks)

Q.3. Short notes (4 x 5 marks) = 20

Section III (40 Marks)

Q.1 Structured Long Question (10 marks)

Q.2. Structured Long Question (10 marks)

Q.3. Short notes (4 x 5 marks) = 20

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Annexure - III

Practical Examination = Total 100 marks

Long case	-	30 marks
Short case	-	20 marks
Skill assessment + method of examination	-	20 (10 + 10) marks
Spotting (5 spots of 4 marks each)	-	20 marks
Viva voce	-	10 marks

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