

OTORHINOLARYNGOLOGY (ENT)

Number	COMPETENCY The student should be able to:	Domain K/S/A/ C	Level K/KH/ SH/P	Core (Y/N)	Suggested Teaching Learning method	Suggested Assessment method	Number required to certify P	Vertical Integration	Horizontal Integration
Topic: Anatomy and Physiology of ear, nose, throat, head & neck		Number of competencies:(02)			Number of procedures that require certification:(NIL)				
EN1.1	Describe the Anatomy & physiology of ear, nose, throat, head & neck At the end of the session , the Phase III Part I student must be able to 1.Describe the anatomy of ent & head & neck 2.Should be able to describe the Physiology of ENT, head & neck.	K	KH	Y	Lecture, Small group discussion, Demonstration	Written/ Viva voce/ Skill assessment		Human Anatomy	
EN1.2	Describe the pathophysiology of common diseases in ENT At the end of the session the student of Phase III Part I student should be able to Enumerate the common Pathologies of ENT 1.Describe the Pathological Presence of Common disease.	K	KH	Y	Lecture, Small group discussion, Demonstration	Written/ Viva voce/ Skill assessment		Pathology	
Topic: Clinical Skills that require certification : (NIL)		Number of competencies: (15)			Number of procedures				
EN2.1	Elicit document and present an appropriate history in a patient presenting with an ENT complaint At the end of the session student of Phase III Part I must be able to 1. The elicit history. 2. Demonstrated the documentation of history 3. Present appropriate history in a patient with ENT complaint	K/S/A/ C	SH	Y	Lecture, Small group discussion, Demonstration	Skill assessment			

EN2.2	Demonstrate the correct use of a headlamp in the examination of the ear, nose and throat At the end of session student of Phase III part I must be able to 1..Demonstrate the use of headlamp correctly	S	SH	Y	DOAP session	Skill assessment/ OSCE			
EN2.3	Demonstrate the correct technique of examination of the ear including Otoscopy At the end of session student of Phase III Part I must be able to 1.Describe the parts of ear and method of examination including Otoscopy 2.Demonstrate the correct method of examination of ear and Otoscopy	K/S/A	SH	Y	DOAP session, Bedside clinic	Skill assessment/ OSCE			
EN2.4	Demonstrate the correct method of performance and interpret tuning fork tests At the end of Session student of Phase III Part I must be able to 1. Enumerate the parts of tuning fork and various test 2. Describe the various tuning fork test and how to interpret the result 3. Demonstrate to perform the tuning fork test	K/S/A	SH	Y	DOAP session, Bedside clinic	Skill assessment/ OSCE			
EN2.5	Demonstrate the correct technique of examination of the nose & paranasal sinuses including the use of nasal speculum At the end of session student of Phase III Part I must be able to 1.Demonstrate the use of nasal speculum and correct method of examine nose and paranasal sinuses and interpret the findings correctly	S	SH	Y	DOAP session, Bedside clinic	Skill assessment/ OSCE			
EN2.6	Demonstrate the correct technique of examining the throat including the use of a tongue depressor At the session student Of Phase III Part I must be able to 1. Demonstrate the use of tongue depressor and the correct method of examine throat, to interpret the findings.	S	SH	Y	DOAP session, Bedside clinic	Skill assessment/ OSCE			

EN2.7	Demonstrate the correct technique of examination of neck including elicitation of laryngeal crepitus At the end of the session student of Phase III Part I must be able to 1. Demonstrate the method of examine neck and perform laryngeal crepitus	S	SH	Y	DOAP session, Bedside clinic	Skill assessment			
EN2.8	Demonstrate the correct technique to perform and interpret pure tone audiogram & impedance audiogram At the end of the session student of Phase III Part I must be able to 1. Describe the correct way to perform PTA and impedance audiogram 2. Show how to interpret the result of PTA and impedance	K/S	SH	Y	DOAP session, Bedside clinic	Skill assessment			
EN2.9	Choose correctly and interpret radiological, microbiological & histological investigations relevant to the ENT disorders At the end of session student of Phase III Part I must be able to 1. List the various radiological, microbiological and histological investigation in ENT 2. Choose the appropriate test and interpret the result	K/S	SH	Y	Lecture, Small group discussion, DOAP session	Written/ Viva voce/ Skill assessment			
EN2.10	Identify and describe the use of common instruments used in ENT surgery At the end of session student of Phase III Part I must be able to 1. Identify the common Instrument used in ENT surgery 2. Describe the method of using them.	K	SH	Y	DOAP session, Bedside clinic	Skill assessment			
EN2.11	Describe and identify by clinical examination malignant and Premalignant ENT disease At the end of session student of Phase III Part I must be able to 1. Describe the various Premalignant and malignant disease of ENT and how to identify them.	K/S	SH	Y	Lecture, Small group discussion, Demonstration	Written/ Viva voce/ Skill assessment			

EN2.12	Counsel and administer informed consent to patients and their families in a simulated environment At the end of the Session student of Phase III Part I must be able to 1. Describe the correct procedure of recording informed consent. 2 Dmonsrate how to do the same in simulated environment	S/A/C	SH	Y	DOAP session, Bedside clinic	Skill assessment			
EN2.13	Identify, Resuciate and manage ENT emergencies in a simulated environment (including tracheostomy, anterior nasal packing, removal of foreign bodies in ear, nose, measles and upper respiratory tract) At the end of session student of Phase III Part I must be 1. Demonstrated how to indentfiy the Common emergencies 2.How to perform resuscitate and manage in emergencies in a model.	K/S/A	SH	Y	DOAP session, Bedside clinic	Skill assessment			
EN2.14	Demonstrate the correct technique to instilling topical medications into the ear, nose and throat in a simulated environment At the end of session student of Phase III Part I must be 1.Able to describe the correct method of use of topical medication by using dummy model	K/S	SH	Y	DOAP session, Bedside clinic	Skill assessment/ OSCE			
EN2.15	Describe the national programs for prevention of deafness, cancer, noise & environmental pollution At the end of session student of Phase III part I must be able to 1. List the national programe for prevention deafness cancer noise and environmental pollution.	K	KH	Y	Lecture, Small group discussion, Demonstration	Written/ Viva voce			

Topic: Diagnostic and Therapeutic procedures in ENT (NIL)

Number of competencies:(06)

Number of procedures that require certification:

EN3.1	Observe and describe the indications for and steps involved in the performance of Otomicroscopic examination in a simulated environment At the end of session student of Phase III Part I must be able to 1. Describe otomicroscopic examination 2 Observe the process of Endoscopic examination in a model and should be able to describe the procedure and list the indication.	S	KH	N	Lecture, Small group discussion, Demonstration	Written/ Viva voce			
EN3.2	Observe and describe the indications for and steps involved in the performance of diagnostic nasal Endoscopy At the end of session student of Phase III Part I must be able to 1.Describe his procedure of Diagnoestic nasal Endoscopy 2.Observe the procedure of Diagnoestic mazal endoscopy in a model and describe the procedure and list the indication.	S	KH	N	Lecture, Small group discussion, Demonstration	Written/ Viva voce			
EN3.3	Observe and describe the indications for and steps involved in the performance of Rigid/Flexible Laryngoscopy At the end of session, student of Phase III Part I must ve able to 1. Describe the procedure of Rigid and flexible Laryngoscopy and the Indication listed.	K	KH	N	Lecture, Small group discussion, Demonstration	Written/ Viva voce			
EN3.4	Observe and describe the indications for and steps involved in the removal of foreign bodies from ear, nose & throat At the end of session student of Phase III Part I must be 1.Described the procedure for removal of foreign bodies and the steps enumrated	K	KH	N	Lecture, Small group discussion, Demonstration	Written/ Viva voce			

EN3.5	Observe and describe the indications for and steps involved in the surgical procedures in ear, nose & throat At the end of session the student of Phase III Part I must be 1. Enumerated the various surgical Procedure their indication and steps described.	K	KH	N	Lecture, small group discussion, Demonstration	Written/ Viva voce			
EN3.6	Observe and describe the indications for and steps involved in the skills of emergency procedures in ear, nose & throat At the end of session the student of Phase III Part I must be 1. Describe the various emergency procedure and demonstrated this steps involved in their management	K	KH	N	Lecture, Small group discussion, Demonstration	Written/ Viva voce			
Topic: Management of diseases of ear, nose & throat (NIL)									
				Number of competencies: (53)			Number of procedures that require certification :		
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 Otagia At the end of session the student of Phase III Part I must be 1 Able to enumerate the casues of Otagia 2 Able to elicit history 3 Able to interpret clinical findings and investigation 4 Able to describe principal of management of Otagia	K/S	SH	Y	Lecture, Small group discussion, DOAP session, Bedside clinic	Written/ Viva voce/ Skill assessment			
EN4.2	Elicit document and present a correct history, demonstrate and describe the clinical features, choose	K/S	SH	Y	Lecture, Small group discussion,	Written/ Viva voce/ Skill assessment			

	<p>the correct investigations and describe the principles of management of diseases of the external Ear</p> <p>At the end of session student of Phase III part I must be</p> <ol style="list-style-type: none"> 1. Shown to elicit the history and record the same In case of disease of external ear. 2. Shown how to describe the clinical findings. 3. List the investigation and interpret them. 				DOAP session, Bedside clinic			
EN4.3	<p>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</p> <p>At the end of session the students findings of Phase III Part I must be</p> <ol style="list-style-type: none"> 1. Shown to elicit the history and record the same in case of ASOM 2. Shown to how to describe the clinical findings 3. List the Investigation principles of management 	K/S	SH	Y	Lecture, Small group discussion, DOAP session, Bedside clinic	Written/ Viva voce/ Skill assessment		
EN4.4	<p>Demonstrate the correct technique to hold visualize and assess the mobility of the tympanic membrane and its mobility and interpret and diagrammatically represent the findings</p> <p>At the end of session the student of Phase III part I must be</p> <ol style="list-style-type: none"> 1 Able to visualise TM and elicit mobility. 2. The student will be demonstrated how to record findings by diagram and interpret results. 	K/S/A	SH	Y	Clinical, Demonstration	Written/ Viva voce/ Skill assessment		

EN4.5	<p>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</p> <p>At the end of session of Phase III Part I must be</p> <ol style="list-style-type: none"> 1. Able to elicit and record proper history of case of OME 2. Able to describe clinical feature of OME 3. Able to choose the correct investigation 4. Able to describe the principle of Management. 	K/S	SH	Y	Lecture, Small group discussion, DOAP session, Bedside clinic	Written/ Viva voce/ Skill assessment			
EN4.6	<p>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</p> <p>At the end of session student of Phase III Part I must</p> <ol style="list-style-type: none"> 1. be able to elicit proper history and document 2. be able to describe clinical features 3. be able to list investigation and choose appropriate investigation. 4. describe principle of management of discharging ear. 	K/S	SH	Y	Lecture, Small group discussion, DOAP session, Bedside clinic	Written/ Viva voce/ Skill assessment			
EN4.7	<p>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</p> <p>At the end of session student of Phase III part I must</p> <ol style="list-style-type: none"> 1. be able to elicit proper history and document. 2. be able to describe the clinical features 3. be able to the investigation and choose appropriate investigation. 4. describe principles and management of CSOM 	K/S	SH	Y	Lecture, Small group discussion, DOAP session, Bedside clinic	Written/ Viva voce/ 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 At the end of session student of phase III Part I must be 1.be able to elicit history and document suuamosal CSOM 2.be able to describe clinical features of squamosal CSOM 3. be able to list the investigation and choose correct investigation 4.be able to describe the principles of management of squamosal CSOM.	K/S	SH	Y	Lecture, Small group discussion, DOAP session, Bedside clinic	Written/ Viva voce/ Skill assessment			
EN4.9	Demonstrate the correct technique for syringing wax from the ear in a simulated environment At the end of session student of Phase III Part I must be 1.Described the porcedure to remove wax. 2.Demonstrated the procedure to remove wax in a model.	S	SH	Y	DOAP session	Skill assessment			
EN4.10	Observe and describe the indications for and steps involved in myringotomy and myringoplasty At the end of session student of Phase III Part I must be 1. Demonstrated the technique of myringotomy and myringoplasty by picture and diagrams.	S	KH	Y	DOAP session	Written/ Viva voce			

EN4.11	<p>Enumerate the indications describe the steps and observe mast oidectomy</p> <p>At the end of session student of Phase III Part I must be able to</p> <ol style="list-style-type: none"> 1. Enumerated the indication of mastioidectomy 2.Described the steps of mastioidectomy 3.Demonstrated the mastioidectomy procedure by pictures and slides. 	K/S	KH	Y	DOAP session	Written/ Viva voce			
EN4.12	<p>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</p> <p>At the end of session student of Phase III Part I must be able to</p> <ol style="list-style-type: none"> 1. elicit history and record the same of Patient with hearing loss. 2. list the condition with hearing loss. 3. describe the clinical features of hearing loss. 4. list and choose the correct investigation. 5. describe the proper management of hearing loss. 	K/S	SH	Y	Lecture, Small group discussion, DOAP session, Bedside clinic	Written/ Viva voce/ Skill assessment			

EN4.13	<p>Describe the clinical features, management of Otosclerosis investigations and principles of At the end of the session , the Phase III Part I student must be able to</p> <ul style="list-style-type: none"> • Be able to define otosclerosis correctly • Be able to classify different types of otosclerosis correctly • Be able to discuss the different causes of otosclerosis correctly • Be able to describe the clinical features of otosclerosis correctly • Be able to discuss different investigation needed for diagnosis of otosclerosis correctly • Be able to describe correctly the management protocol in a patient of otoclerosis 	K K K K K K	KH KH KH KH KH KH	Y Y Y Y Y Y	Lecture, Small group discussion; Demonstration	Written/ Viva voce/ Skill assessment			
EN4.14	<p>Describe the clinical features, investigations and principles of management of Sudden Sensorineural Hearing Loss At the end of the session , the Phase III Part I student must be able to</p> <ul style="list-style-type: none"> • Be able to list the various causes of sudden sensor neural hearing loss in a patient correctly • Be able to discuss the signed and symptoms of sudden sensor neural hearing loss in a patient correctly • Be able to discuss various investigation needed in a patient of sudden sensor neural hearing loss correctly • Be able to describe correctly the principles of management of sudden sensor neural hearing loss in a patient 	K K K K	KH KH KH KH	Y Y Y Y	Lecture, Small group discussion, Demonstration	Written/ Viva voce/ Skill assessment			

EN4.15	<p>Describe the clinical features, investigations and principles of management of Noise Induced Hearing Loss</p> <p>At the end of the session , the Phase III Part I student must be able to</p> <ul style="list-style-type: none"> • Be able to define noise induced hearing loss in patient correctly • Be able to discuss different causes of noise induced hearing loss in patient correctly • Be able to describe clinical features of noise induced hearing loss in a patient correctly\ • Be able to discuss different investigation needed for diagnosis of noise induced hearing loss • Be able to correctly describe the management protocol in a patient of noise induced hearing loss 	K K K K K K	KH KH KH KH KH KH	Y Y Y Y Y Y	Lecture, Small group discussion, Demonstration	Written/ Viva voce/ Skill assessment			
EN4.16	<p>Observe and describe the indications for and steps involved in the performance of pure tone audiometry</p> <p>At the end of the session , the Phase III Part I student must be able to</p> <ul style="list-style-type: none"> • Able to describe correctly the indications of pure tone audiometry • Able to discuss the steps of perform pure tone audiometry in a patient correctly • Able to correctly demonstrate the steps of performing pure tone audiometry in a patient 	S S S S	KH KH KH KH	Y Y Y Y	DOAP session	Written/ Viva			

EN4.17	<p>Enumerate the indications and interpret the results of an audiogram</p> <p>At the end of the session , the Phase III Part I student must be able to</p> <ul style="list-style-type: none"> • Able to describe the indication of pure tone audiometry correctly • Able to interpret the result of an audiogram accurately 	S S S	SH SH SH	Y Y Y	DOAP session	Skill assessment			
EN4.18	<p>Describe the clinical features, investigations And principles of management of Facial Nerve palsy</p> <p>At the end of the session , the Phase III Part I student must be able to</p> <ul style="list-style-type: none"> • Be able to describe the anatomy of facial nerve correctly • Be able to discuss deferent causes of facial nerve palsy correctly • Be able to discuss correctly the symptoms and sign of facial nerve palsy in a patient • Be able to discuss different investigation needed for diagram of facial nerve palsy correctly • Be able to describe correctly the management protocol in a patient of facial nerve palsy 	K K K K K	KH KH KH KH KH	Y Y Y Y Y	Lecture, Small group discussion, Demonstration	Written/ Viva voce/ Skill assessment			

EN4.19	<p>Describe the clinical features, investigations and principles of management of Vertigo</p> <p>At the end of the session , the Phase III Part I student must be able to</p> <ul style="list-style-type: none"> • Be able to define vertigo correctly • Be able to describe different causes of vertigo correctly • Be able to discuss different signs and symptoms of vertigo accurately in a patient • Be able to discuss correctly defferent investigation needed in a patient of vertigo • Be able to describe correctly the principles of management of vertigo in a patient 	K	KH	Y	Lecture, Small group discussion, Demonstration	Written/ Viva voce/ Skill assessment			
EN4.20	<p>Describe the clinical features, investigations and principles of management of Meniere’s Disease</p> <p>At the end of the session , the Phase III Part I student must be able to</p> <ul style="list-style-type: none"> • Be able to define correctly meneola’s discuss • Be able to describe different causes of manure’s discuss correctly • Be able to discuss different signs and symptoms of menieros disease correctly • Be able to discuss correctly the investigation needed for diagnosis of menere’s disease • Be able to describe correctly the management of menere’s disease 	K	KH	N	Lecture, Small group discussion, Demonstration	Written/ Viva voce/ Skill assessment			
	K	KH	Y						
	K	KH	Y						
	K	KH	Y						
	K	KH	Y						
	K	KH	Y						

EN4.21	<p>Describe the clinical features, investigations and principles of management of Tinnitus</p> <p>At the end of the session , the Phase III Part I student must be able to</p> <ul style="list-style-type: none"> • Be able to define correctly tinnitus • Be able to test different causes of tinnitus correctly • Be able to describe the different sign and symptoms correctly in a patient of tinnitus • Be able to discuss different investigation needed in a patient of tinnitus correctly • Be able to discuss correctly the principles of management of tinnitus in a patient 	K	KH	Y	Lecture, Small group discussion, Demonstration	Written/ Viva voce/ Skill assessment			
EN4.22	<p>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</p>	K/S	SH	Y	Lecture, Small group discussion, Demonstration	Written/ Viva voce/ Skill assessment			
EN4.23	<p>Describe the clinical features, investigations and principles of management of DNS</p> <p>At the end of the session , the Phase III Part I student must be able to</p> <ul style="list-style-type: none"> • Able to list the various causes of DNS in patient correctly • Able to describe correctly different signs and symptoms in a patient of DNS • Able to describe correctly the investigation needed in a patient of DNS • Able to discuss correctly the principles of management of DNS 	K	KH	Y	Lecture, Small group discussion, Demonstration	Written/ Viva voce/ Skill assessment			

EN4.24	<p>Enumerate the indications observe and describe the steps in a Septoplasty</p> <p>At the end of the session , the Phase III Part I student must be able to.</p> <ul style="list-style-type: none"> • Able to list the different indication for Septoplasty correctly • Able to correctly describe the steps of Septoplasty 	S S S	KH KH KH	Y Y Y	DOAP session	Written/ Viva voce			
EN4.25	<p>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</p> <p>At the end of the session , the Phase III Part I student must be able to.</p> <ul style="list-style-type: none"> • Able to list the different causes of nasal polyps in a patient correctly • Able to classify different type of nasal polyps correctly • Able to describe the patho physiology of different types of nasal polyps in a patient correctly • Able to discuss the different sign and symptoms of nasal polyps in a patient correctly • Able to correctly present history in a patient of nasal polyp • Able to demonstrate nasal polyps • Able to discuss correctly investigation needed a patient of nasal polyposis • Able to describe correctly the principles of management of nasal polyps in a patient 	K/S K/S K/S K/S K/S K/S K/S K/S	SH SH SH SH SH SH SH	Y Y Y Y Y Y Y	Lecture, Small group discussion, DOAP session, Bedside clinic	Written/ Viva voce/ Skill assessment			

EN4.26	<p>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</p> <p>At the end of the session , the Phase III Part I student must be able to.</p> <ul style="list-style-type: none"> • Able to list the different causes of chronic adenoiditis in a patient correctly • Able to classify different type of chronic adenoiditis correctly • Able to describe the patho physiology of different types of chronic adenoiditis in a patient correctly • Able to discuss the different sign and symptoms of chronic adenoiditis in a patient correctly • Able to correctly present history in a patient of chronic adenoiditis • Able to demonstrate chronic adenoiditis • Able to discuss correctly investigation needed a patient of chronic adenoiditis • Able to describe correctly the principles of management of chronic adenoiditis in a patient 	K/S	SH	Y	Lecture, Small group discussion, DOAP session, Bedside clinic	Written/ Viva voce/ Skill assessment			
		K/S	SH	Y					
		K/S	SH	Y					
		K/S	SH	Y					
		K/S	SH	Y					
		K/S	SH	Y					
		K/S	SH	Y					
		K/S	SH	Y					
		K/S	SH	Y					
		K/S	SH	Y					

EN4.27	<p>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</p> <p>At the end of the session , the Phase III Part I student must be able to.</p> <ul style="list-style-type: none"> • Able to list the different causes of Allergic rhinitis in a patient correctly • Able to classify different type of Allergic rhinitis correctly • Able to describe the patho physiology of different types of Allergic rhinitis in a patient correctly • Able to discuss the different sign and symptoms of Allergic rhinitis in a patient correctly • Able to correctly present history in a patient of Allergic rhinitis • Able to demonstrate Allergic rhinitis • Able to discuss correctly investigation needed a patient of Allergic rhinitis • Able to describe correctly the principles of management of Allergic rhinitis in a patient 	K/S	SH	Y	Lecture, Small group discussion, DOAP session, Bedside clinic	Written/ Viva voce/ Skill assessment			
		K/S	SH	Y					
		K/S	SH	Y					
		K/S	SH	Y					
		K/S	SH	Y					
		K/S	SH	Y					
		K/S	SH	Y					
		K/S	SH	Y					
		K/S	SH	Y					

EN4.28	<p>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</p> <p>At the end of the session , the Phase III Part I student must be able to.</p> <ul style="list-style-type: none"> • Able to list the different causes of vasomotor rhinitis in a patient correctly • Able to classify different type of vasomotor rhinitis correctly • Able to describe the patho physiology of different types of vasomotor rhinitis in a patient correctly • Able to discuss the different sign and symptoms of vasomotor rhinitis in a patient correctly • Able to correctly present history in a patient of vasomotor rhinitis • Able to demonstrate vasomotor rhinitis • Able to discuss correctly investigation needed a patient of vasomotor rhinitis • Able to describe correctly the principles of management of vasomotor rhinitis in a patient 	K/S	SH	Y	Lecture, Small group discussion, DOAP session, Bedside clinic	Written/ Viva voce/ Skill assessment			
	• Able to list the different causes of vasomotor rhinitis in a patient correctly	K/S	SH	Y					
	• Able to classify different type of vasomotor rhinitis correctly	K/S	SH	Y					
	• Able to describe the patho physiology of different types of vasomotor rhinitis in a patient correctly	K/S	SH	Y					
	• Able to discuss the different sign and symptoms of vasomotor rhinitis in a patient correctly	K/S	SH	Y					
	• Able to correctly present history in a patient of vasomotor rhinitis	K/S	SH	Y					
	• Able to demonstrate vasomotor rhinitis	K/S	SH	Y					
	• Able to discuss correctly investigation needed a patient of vasomotor rhinitis	K/S	SH	Y					
	• Able to describe correctly the principles of management of vasomotor rhinitis in a patient	K/S	SH	Y					

EN4.29	<p>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</p> <p>At the end of the session , the Phase III Part I student must be able to.</p> <ul style="list-style-type: none"> • Able to list the different causes of Acute & Chronic Rhinitis in a patient correctly • Able to classify different type of Acute & Chronic Rhinitis correctly • Able to describe the patho physiology of different types of Acute & Chronic Rhinitis in a patient correctly • Able to discuss the different sign and symptoms of Acute & Chronic Rhinitis in a patient correctly • Able to correctly present history in a patient of Acute & Chronic Rhinitis • Able to demonstrate Acute & Chronic Rhinitis • Able to discuss correctly investigation needed a patient of Acute & Chronic Rhinitis • Able to describe correctly the principles of management of Acute & Chronic Rhinitis in a patient 	K/S	SH	Y	Lecture, Small group discussion, DOAP session, Bedside clinic	Written/ Viva voce/ Skill assessment			
	• Able to list the different causes of Acute & Chronic Rhinitis in a patient correctly	K/S	SH	Y					
	• Able to classify different type of Acute & Chronic Rhinitis correctly	K/S	SH	Y					
	• Able to describe the patho physiology of different types of Acute & Chronic Rhinitis in a patient correctly	K/S	SH	Y					
	• Able to discuss the different sign and symptoms of Acute & Chronic Rhinitis in a patient correctly	K/S	SH	Y					
	• Able to correctly present history in a patient of Acute & Chronic Rhinitis	K/S	SH	Y					
	• Able to demonstrate Acute & Chronic Rhinitis	K/S	SH	Y					
	• Able to discuss correctly investigation needed a patient of Acute & Chronic Rhinitis	K/S	SH	Y					
	• Able to describe correctly the principles of management of Acute & Chronic Rhinitis in a patient	K/S	SH	Y					

EN4.32	<p>Describe the clinical features, investigations and principles of management of nasopharyngeal Angiofibroma</p> <p>At the end of the session , the Phase III Part I student must be able to</p> <ul style="list-style-type: none"> • Be able to describe the anatomy of Nasopharyns • Be able to discuss deferent causes of Nasopharyngeal correctly • Be able to discuss correctly the symptoms and sign of Nasopharyngeal in a patient • Be able to discuss different investigation needed for diagram of Nasopharyngeal correctly • Be able to describe correctly the management protocol in a patient of Nasopharyngeal 	K	KH	Y	Lecture, Small group discussion, Demonstration	Written/ Viva voce			
		K	KH	Y					
		K	KH	Y					
		K	KH	Y					
		K	KH	Y					
		K	KH	Y					

EN4.33	<p>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</p> <p>At the end of the session , the Phase III Part I student must be able to.</p> <ul style="list-style-type: none"> • Able to list the different causes of Acute & Chronic Sinusitis in a patient correctly • Able to classify different type of Acute & Chronic Sinusitis correctly • Able to describe the patho physiology of different types of Acute & Chronic Sinusitis in a patient correctly • Able to discuss the different sign and symptoms of Acute & Chronic Sinusitis in a patient correctly • Able to correctly present history in a patient of Acute & Chronic Sinusitis • Able to demonstrate Acute & Chronic Sinusitis • Able to discuss correctly investigation needed a patient of Acute & Chronic Sinusitis • Able to describe correctly the principles of management of Acute & Chronic Sinusitis in a patient 	K/S	SH	Y	Lecture, Small group discussion, Demonstration	Written/ Viva voce/ Skill assessment			
	• Able to list the different causes of Acute & Chronic Sinusitis in a patient correctly	K/S	SH	Y					
	• Able to classify different type of Acute & Chronic Sinusitis correctly	K/S	SH	Y					
	• Able to describe the patho physiology of different types of Acute & Chronic Sinusitis in a patient correctly	K/S	SH	Y					
	• Able to discuss the different sign and symptoms of Acute & Chronic Sinusitis in a patient correctly	K/S	SH	Y					
	• Able to correctly present history in a patient of Acute & Chronic Sinusitis	K/S	SH	Y					
	• Able to demonstrate Acute & Chronic Sinusitis	K/S	SH	Y					
	• Able to discuss correctly investigation needed a patient of Acute & Chronic Sinusitis	K/S	SH	Y					
	• Able to describe correctly the principles of management of Acute & Chronic Sinusitis in a patient	K/S	SH	Y					

EN4.34	<p>Describe the clinical features, investigations and principles of management of Tumors of Maxilla</p> <p>At the end of the session , the Phase III Part I student must be able to</p> <ul style="list-style-type: none"> • Be able to describe the anatomy of Tumors of maxilla • Be able to discuss deferent causes of Tumors of maxilla correctly • Be able to discuss correctly the symptoms and sign of Tumors of maxilla in a patient • Be able to discuss different investigation needed for diagram of Tumors of maxilla correctly • Be able to describe correctly the management protocol in a patient of Tumors of maxilla 	K	KH	Y	Lecture, Small group discussion, Demonstration	Written/ Viva voce			
EN4.35	<p>Describe the clinical features, investigations and principles of management of Tumors of Nasopharynx</p> <p>At the end of the session , the Phase III Part I student must be able to</p> <ul style="list-style-type: none"> • Be able to describe the anatomy of Tumors of Nasopharynx • Be able to discuss deferent causes of Tumors of Nasopharynx correctly • Be able to discuss correctly the symptoms and sign of Tumors of Nasopharynx in a patient • Be able to discuss different investigation needed for diagram of Tumors of Nasopharynx correctly • Be able to describe correctly the management protocol in a patient of Tumors of Nasopharynx 	K	KH	N	Lecture, Small group discussion, Demonstration	Written/ Viva voce/ Skill assessment			
		K	KH	N					
		K	KH	N					
		K	KH	N					
		K	KH	N					
		K	KH	N					

EN4.36	<p>Describe the clinical features, investigations and principles of management of diseases of the Salivary glands</p> <p>At the end of the session , the Phase III Part I student must be able to</p> <ul style="list-style-type: none"> • Be able to describe the anatomy of diseases of the Salivary glands • Be able to discuss deferent causes of diseases of the Salivary glands correctly • Be able to discuss correctly the symptoms and sign of diseases of the Salivary glands in a patient • Be able to discuss different investigation needed for diagram of diseases of the Salivary glands correctly • Be able to describe correctly the management protocol in a patient of diseases of the Salivary glands 	K	KH	N	Lecture, Small group discussion, Demonstration	Written/ Viva voce/ Skill assessment			
EN4.37	<p>Describe the clinical features, investigations and principles of management of Ludwig’s angina</p> <p>At the end of the session , the Phase III Part I student must be able to</p> <ul style="list-style-type: none"> • Be able to discuss deferent causes of Ludwig’s angina correctly • Be able to discuss correctly the symptoms and sign of Ludwig’s angina in a patient • Be able to discuss different investigation needed for diagram of Ludwig’s angina correctly • Be able to describe correctly the management protocol in a patient Ludwig’s angina 	K	KH	Y	Lecture, Small group discussion, Demonstration	Written/ Viva voce/ Skill assessment			
		K	KH	Y					
		K	KH	Y					
		K	KH	Y					
		K	KH	Y					

EN4.38	<p>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</p> <p>At the end of the session , the Phase III Part I student must be able to</p> <ul style="list-style-type: none"> • Be able to demonstrate history taking correctly in a patient of dysphagia • Be able to describe correctly the symptoms and sign in a patient with dysphagia • Be able to discuss correctly investigation needed in dysphagia • Be able to demonstrate correctly examination of a patient with dysphagia • Be able to discuss principles of management correctly in a patient of dysphagia 	K/S	SH	Y	Lecture, Small group discussion, Demonstration	Written/ Viva voce/ Skill assessment			
		K/S	SH	Y					
		K/S	SH	Y					
		K/S	SH	Y					
		K/S	SH	Y					
		K/S	SH	Y					
		K/S	SH	Y					

EN4.39	<p>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 Tonsillitis</p> <p>At the end of the session , the Phase III Part I student must be able to</p> <ul style="list-style-type: none"> • Be able to discuss the anatomy of Tonsil correctly • Be able to demonstrate history taking correctly in a patient of Acute & Chronic Tonsillitis • Be able to describe correctly the symptoms and sign in a patient Acute & Chronic Tonsillitis • Be able to discuss correctly investigation needed in Acute & Chronic Tonsillitis • Be able to demonstrate correctly examination of a patient with Acute & Chronic Tonsillitis • Be able to discuss principles of management correctly in a patient of Acute & Chronic Tonsillitis 	K/S	SH	Y	Lecture, Small group discussion, DOAP session, Bedside clinic	Written/ Viva voce/ Skill assessment			
		K/S	SH	Y					
		K/S	SH	Y					
		K/S	SH	Y					
		K/S	SH	Y					
		K/S	SH	Y					
		K/S	SH	Y					

EN4.40	<p>Observe and describe the indications for and steps involved in a tonsillectomy / adenoidectomy</p> <p>At the end of the session , the Phase III Part I student must be able to</p> <ul style="list-style-type: none"> • Describe the anatomy of tonsil/ adenoid correctly • Describe the physiology of tonsil / adenoid correctly • Enumerate the indicated of tonsil leucotomy adenoidectomy accurately • Enumerate the counter indicated and complication of tonsillectomy / adenoidectomy accurately • Describe the various steps involved in tonsillectomy adenoidectomy accurately • Describe various steps observed during tonsillectomy adenoidectomy correctly 	K	KH	Y	DOAP session	Written/ Viva voce			
EN4.41	<p>Describe the clinical features, investigations and principles of management of Acute & chronic abscesses in relation to Pharynx</p> <p>At the end of the session , the Phase III Part I student must be able to</p> <ul style="list-style-type: none"> • Describe the anatomy of pharynx correctly • Left various causes of acute and chronic abscess relation to Pharynx. • Describe the clinical features of acute and chronic abscesses in relation to Pharynx accurately. • Discuss various investigation required for management of acute & chronic abscesses relation to Pharynx correctly. 	K/S	KH	Y	Lecture, Small group discussion Demonstration	Written/ Viva voce			
		K/S	KH	Y					
		K/S	KH	Y					
		K/S	KH	Y					
		K/S	KH	Y					
		K/S	KH	Y					

EN4.42	<p>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</p> <p>At the end of the session , the Phase III Part I student must be able to</p> <ul style="list-style-type: none"> • Describe the anatomy of Pharynx correctly. • Describe the physiology of various correctly. • Enumerate the various causes of hoarseness of voice correctly. • Elicit, document and present a corset history of a patient having hoarseness of voice. • Discuss various investigation required for management of a patient having hoarseness of correctly. • Demonstrate various principle of management of hoarseness of voice correctly. 	K/S	SH	Y	Lecture, Small group discussion, DOAP session, Bedside clinic	Written/ Viva voce/ Skill assessment			
		K/S	SH	Y					
		K/S	KH	Y					
		K/S	SH	Y					
		K/S	SH	Y					
		K/S	SH	Y					
		K/S	SH	Y					
		K/S	SH	Y					
		K/S	SH	Y					
		K/S	SH	Y					
		K/S	SH	Y					
EN4.43	<p>Describe the clinical features, investigations and principles of management of Acute & Chronic Laryngitis</p> <p>At the end of the session , the Phase III Part I student must be able to</p> <ul style="list-style-type: none"> • List various cause and chronic laryngitis correctly. • Describe the clinical features of acute chronic laryngitis correctly. • Describe the investigation required for management of acute & chronic laryngitis correctly. • Discuss the principles of management of acute & chronic laryngitis correctly 	K	KH	Y	Lecture, Small group discussion, Demonstration	Written/ Viva voce			
		K	KH	Y					
		K	KH	Y					
		K	KH	Y					
		K	KH	Y					

EN4.44	<p>Describe the clinical features, investigations and principles of management of Benign lesions of the vocal cord</p> <p>At the end of the session , the Phase III Part I student must be able to</p> <ul style="list-style-type: none"> • Enumerate various benign lesions of the vocal cord correctly. • Describe clinical features of benign lesions of the vocal cord correctly. • Describe investigations required for managements of benign lesions of the vocal cord correctly. • Discuss principle of management of benign lesions of the vocal cord correctly 	K	KH	Y	Lecture, Small group discussion, Demonstration	Written/ Viva voce			
EN4.45	<p>Describe the clinical features, investigations and principles of management of Vocal cord palsy</p> <p>At the end of the session , the Phase III Part I student must be able to</p> <ul style="list-style-type: none"> • Describe the anatomy of vocal cord correctly. • Enumerate the cause of vocal cord palsy correctly. • Describe the clinical features of vocal cord palsy correctly. • Describe the investigations required for management of vocal cord palsy correctly. • Discuss the principles of management of vocal cord palsy correctly 	K	KH	N	Lecture, Small group discussion, Demonstration	Written/ Viva voce/ Skill assessment			
		K	KH	Y					
		K	KH	Y					
		K	KH	Y					
		K	KH	Y					

EN4.46	<p>Describe the clinical features, investigations and principles of management of Malignancy of the Larynx & Hypopharynx</p> <p>At the end of the session , the Phase III Part I student must be able to</p> <ul style="list-style-type: none"> • Describe the anatomy of larynx and hypopharynx correctly. • List various malignancy of the larynx and hypopharynx correctly. • Describe the clinical features of malignancy of the larynx and hypopharynx correctly. • Describe the investigations required for management of malignancy of the larynx and hypopharynx correctly. • Discuss the principles of management of malignancy of the larynx and hypopharynx correctly. 	K K K K K	KH KH KH KH KH	Y Y Y Y Y	Lecture, Small group discussion, Demonstration	Written/ Viva voce/ Skill assessment			
EN4.47	<p>Describe the clinical features, investigations and principles of management of Stridor</p> <p>At the end of the session , the Phase III Part I student must be able to</p> <ul style="list-style-type: none"> • Describe the stridor correctly. • Enumerate the cause of stridor correctly • Describe the investigations required for management of stridor correctly. • Discuss the principles of management of stridor correctly. 	K K K K	KH KH KH KH	Y Y Y Y	Lecture, Small group discussion Demonstration	Written/ Viva voce/ Skill assessment			

EN4.48	<p>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</p> <p>At the end of the session , the Phase III Part I student must be able to</p> <ul style="list-style-type: none"> • Describe the anatomy of upper and lower respiratory tract correctly • Describe the physiotherapy of respiratory tract correctly • Enumerate the causes of anyway emergences correctly • Exact document and present a correct history of a patient came with airway emergency • Describe the clinical feature and investigator required in management of airway emergencies correctly • Demonstrate the principles of management of airway emergencies 	S S S S S S	SH SH SH SH SH SH	Y Y Y Y Y Y	Lecture, Small group discussion, Demonstration	Written/ Viva voce/ Skill assessment			
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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	S	SH	Y	Lecture, Small group discussion, Demonstration	Written/ Viva voce/ Skill assessment			
	At the end of the session , the Phase III Part I student must be able to	S	SH	Y					
	• Describe the anatomy of respiratory tract correctly	S	SH	Y					
	• Describe the anatomy of food passage correctly	S	SH	Y					
	• Describe the physiology of respiratory tract correctly	S	SH	Y					
	• Describe the physiology of swallowing correctly	S	SH	Y					
	• Enumerate the various foreign bodies of airway and food passage correctly	S	SH	Y					
	• Elicit document and present a correct history of a patient having foreign body in airway or food passage	S	SH	Y					
	• Describe the clinical feature and investigation required in management of foreign body in airway or food passage correctly	S	SH	Y					
	• Demonstrate the principles of management of foreign body in airway or food passage correctly								
EN4.50	Observe and describe the indications for and steps involved in tracheostomy	S	KH	Y					
	At the end of the session , the Phase III Part I student must be able to	S	KH	Y					
	• Describe the anatomy of trachea correctly	S	KH	Y					
	• Describe the physiology of trachea correctly	S	KH	Y					
	• Enumerate the indication for tracheotomy correctly	S	KH	Y					
	• Describe the steps observed during tracheotomy correctly								
	• Describe the complication of tracheotomy correctly								

EN4.51	<p>Observe and describe the care of the patient with a tracheotomy</p> <p>At the end of the session , the Phase III Part I student must be able to</p> <ul style="list-style-type: none"> • Describe the anatomy of trachea correctly • Describer the physiology of trachea correctly • Describe the care of the patient with a tracheotomy correctly • Describe the care observed in a patient with a tracheotomy 	S	KH	Y	DOAP session	Written/ Viva voce			
EN4.52	<p>Describe the Clinical features, Investigations and principles of management of diseases of Oesophagus</p> <p>At the end of the session , the Phase III Part I student must be able to</p> <ul style="list-style-type: none"> • Describe the anatomy of Oesophagus correctly • Describe the physiology of swallowing correctly • Enumerate the dieses of oesophagus correctly • Describe the clinical feature of dieses of oesophagus correctly • Describe the investigation required in management 	K	ENT	N	Lecture, Small group discussion, Demonstration	Written/ Viva voce/ Skill assessment			
EN4.53	<p>Describe the clinical features, investigations and principles of management of HIV manifestations of the ENT</p> <p>At the end of the session , the Phase III Part I student must be able to</p> <ul style="list-style-type: none"> • Describe the diagnosis of HIV correctly • Describe the clinical feature features of HIV manifestation of ENT correctly • Describe the investigation required for management of HIV manifestation of ENT correctly • Describe the principles of management of HIV neon fustigation of ENT correctly 	K	KH	N	Lecture, Small group discussion, Demonstration	Written/ Viva voce/ Skill assessment		General Medicine	