

**DEPARTMENT OF ENT, HEAD & NECK SURGERY**

HEAD & NECK SURGERY



**SHEIKH ZAYED MEDICAL COLLEGE/HOSPITAL**

**RAHIM YAR KHAN**

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# Department Introduction:

Sheikh Zayed Hospital was established in 1950 as District Hospital and Department of ENT was started 1987 as one of sub-specialty of General Surgery. After the establishment of Sheikh Zayed Medical College in March 2004, Department of Otorhinolaryngology and Head and Neck Surgery (ENT) was affiliated with the College.

Our faculty members consist of highly qualified and experienced teachers and surgeons. We have seven fellows, one senior medical officer and six medical officers with good surgical experience along with two audiologists. **Prof. Dr. Muhammad Fahim Awan**, Head of ENT Department joined Sheikh Zayed Medical College as Professor of ENT on 2<sup>nd</sup> November 2018.

Our department is well equipped with latest diagnostic and surgical instruments. We have audiology section containing Impedance and Pure tone Audiometer along with BERA and Otoacoustic Emission for the diagnosis of problems related to ear. Latest Operating Microscope furnished with Video Camera and monitor is present in operation theatre. All types of major and minor operations related to Nose, Throat, Ears, Head and Neck regions including Maxillo-facial surgery are performed. All types of rigid endoscopes and flexible bronchoscope with video camera and monitor are present in our department. Recently functional endoscopic sinus surgery with endovision has been installed in ENT operation theatre.

Moreover we have conference room/demonstration room for the purpose of departmental conferences, demonstrations, discussions, teaching of postgraduate and undergraduate students.

We have a departmental library containing important international and national journals of Ears, Nose and Throat and reference books. We have facility of multimedia and internet connection ENT Department.

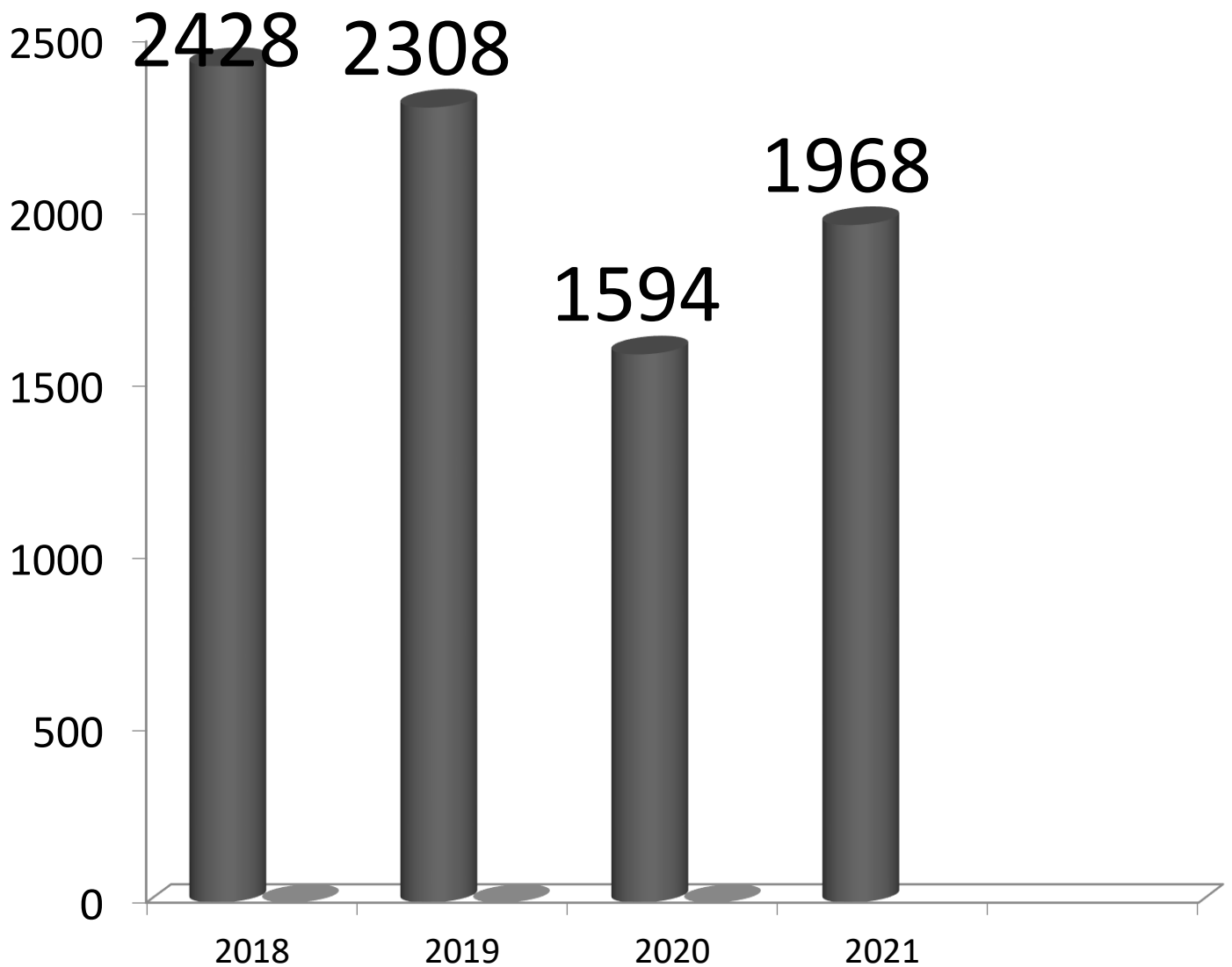
Our department is rapidly progressing and expanding under the full guidance and support of the Professor Dr. Muhammad Fahim Awan, who takes keen interest in the working of the Department.

Our medical officers examine the patients in OPD six days a week and emergency cover is round the clock throughout the week. Consultants also visit ENT, OPD six days a week.

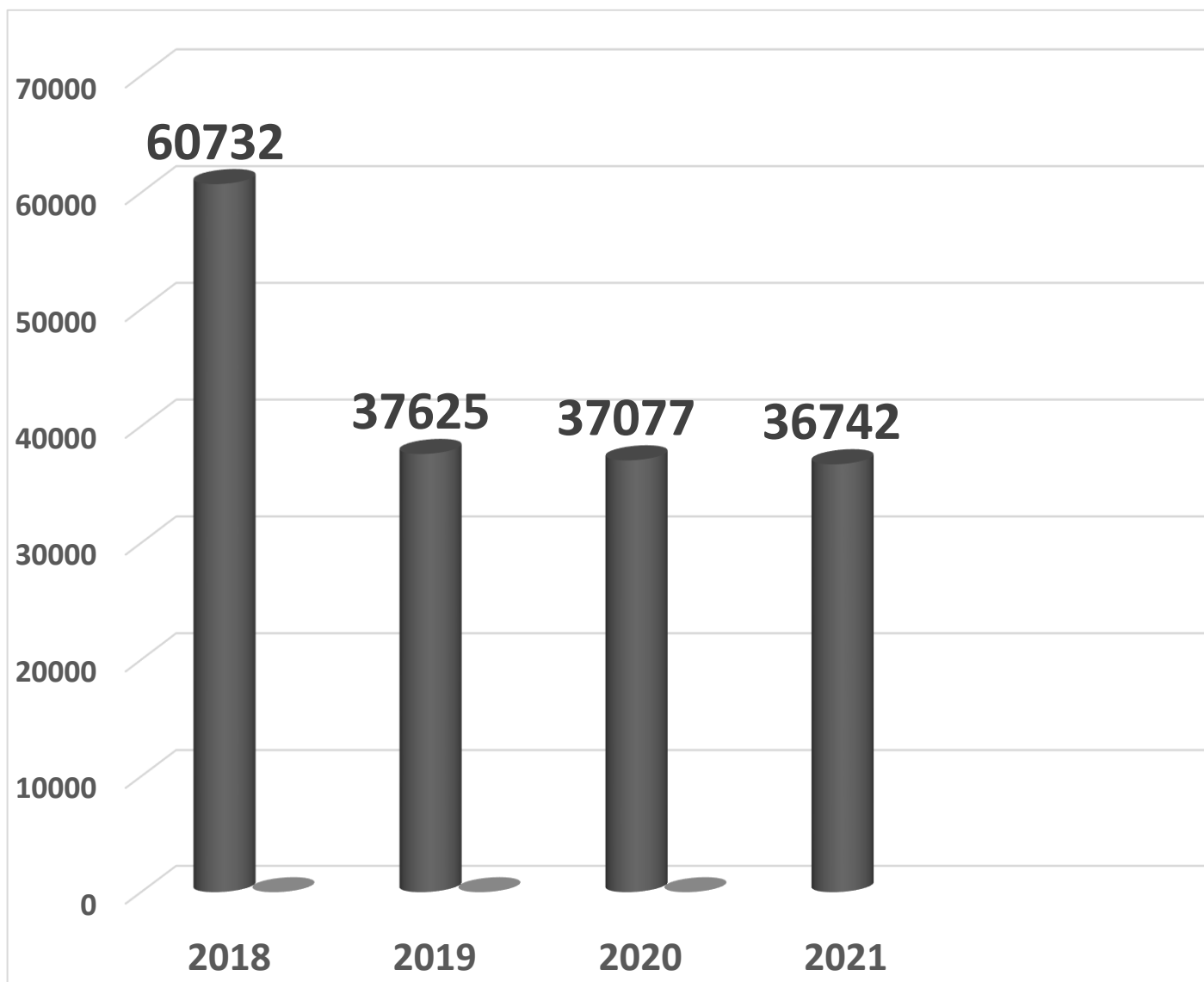
## Department Statistics

1	Male Beds (Air Conditioned)	20
2	Female Beds (Air Conditioned)	20
3	Sucker Machine	03
4	Oxygen Cylinder	05
5	Laryngoscope	01
6	Umbo bag	02
7	Otoscope	00
8	Headlight	01
9	Video Otoscope	0
10	Dressing Room/Minor O.T.	01
	<ul style="list-style-type: none"><li>• <b><u>We provide emergency cover round the clock throughout the week.</u></b></li></ul>	

**DEPARTMENT OF OTORHINOLARYNGOLOGY**  
**SHEIKH ZAYED MEDICAL COLLEGE/HOSPITAL, RAHIM YAR KHAN**  
**INDOOR ADMISSIONS**



**DEPARTMENT OF OTORHINOLARYNGOLOGY  
SHEIKH ZAYED MEDICAL COLLEGE/HOSPITAL,  
RAHIM YAR KHAN  
OUTDOOR PATIENTS**



# DEPARTMENT OF OTORHINOLARYNGOLOGY

SHEIKH ZAYED MEDICAL COLLEGE/HOSPITAL, RAHIM YAR KHAN

## 10 Most Common Procedures/Cases last 12 Months

1. Tonsillectomy	102
2. Septoplasty	119
3. AWO	31
4. Tracheostomy	67
5. F.B. Ear, Nose, Throat	248
6. Esophagoscopy	46
7. Bronchoscopy	29
8. D/L Biopsy	63
9. Mastoid Exploration	22
<u>10. Incision Drainage</u>	<u>16</u>
<b>Total</b>	<b>743</b>

## PERSONAL PROFILE OF

### Prof. Dr. Muhammad Fahim Awan:



Prof. Dr. Muhammad Fahim Awan joined Sheikh Zayed Medical College as Professor and Head of ENT Department on 2<sup>nd</sup> November 2018. He did his MBBS from Nishtar Medical College Multan in 1988, MCPS ENT in 1995 and FCPS in ENT from College of Physicians and Surgeons, Pakistan in 1998.

Prof. Dr. Muhammad Fahim Awan has lot of practical experience in the field of ENT and Head & Neck surgery. He has vast experience in teaching under-graduate and post graduate students. He has also worked as Professor and Head of ENT Department, Quaid.e.Azam Medical College Bahawalpur from 12-04-2017 to 02-11-2018. He is author of various notable books. Handbook-Diseases of Ear, Nose and Throat (For under graduates) by Fahim Awan is the first book to his name. The book "**Concept Book- Diseases of Ear, Nose and Throat**" is a real jewel in the crown. Second edition of the book is under printing process. He has about 20 outstanding research papers to his credit. He has been part of more than 50 national and international Workshops and Conferences.



## **PERSONAL PROFILE OF**

### **Dr. Anees.u.Rehman:**



Dr. Anees.u.Rehman did his MBBS from Quaid.e.Azam Medical College Bahawalpur in 1997, DLO from Jinnah Postgraduate Medical Centre Karachi and FCPS ENT in 2007. He joined ENT department Shaikh Zayed Hospital Rahim Yar Khan as Senior Registrar on 10-7-2008 to 4-8-2009, after that as Assistant Professor from 12-1-2012 to 30-1-2015. He has also worked as Assistant Professor at Quaid.e.Azam Medical College Bahawalpur. Currently he is working as Associate Professor on regular basis since 18-6-2021 to date.

He is an excellent teacher and great surgeon. His surgical expertise is outstanding. He has about nine research papers, ten workshops and ten conferences to his name.

## FACULTY OF ENT DEPARTMENT:

Sr. No.	NAME	DESIGNATION	QUALIFICATION	PMDC No.	Faculty Reg. No.
01	Prof. Dr. Muhammad Fahim Awan	PROFESSOR	MBBS(1988) MCPS(1995) FCPS(1998)	18452-P	ENT-S-110-135
02	Dr. Anees-ur-Rehman	ASSOCIATE PROFESSOR	MBBS DLO FCPS	32011-P	1397/32011 -P/M
03	Dr. Laeeq-ur-Rehman	Consultant	MBBS,DLO	18432-P	

## PGRs OF ENT DEPARTMENT:

Sr. No.	NAME	Designation	PMDC Reg. No.
01	Dr. M. Amir Khan Khakwani (SMO)	SMO/ Admin Registrar	25719-P
02	Dr. Assadullah Hamza	MO/ Add. Registrar	60515-S
03	Dr. Ahmad Ijlal Qazi	MO	78886-P
04	Dr. Afshan Qayyum	WMO	83349-P
05	Dr. Hassan Mehmood	PGR (FCPS)	88239-P
06	Dr. Inam Ur Rehman	PGR (FCPS)	89347-P
07	Dr. Hafiz Zafarullah	PGR (FCPS)	96218-P
08	Dr. Bilal Ahsan	PGR (MS)	92936-P
09	Dr. Ahmed Saleem	PGR (MS)	91898-P
10	Dr. Yumna Sarmad	PGR (FCPS)	96679-P
11	Dr. Rafaqat Masood	PGR (FCPS)	112461-P
12	Dr. Adan Farooq	PGR (MS)	112047-P
13	Dr. M. Zubair	MO	80534-P
14	Dr. M. Siddique	MO	82604-P
15	Dr. Ghulam Zain Ul Abidin	Medical Officer	89051-P

## **Para Medical/Ancillary/Technical Staff List**

Nursing Staff	04
P.A/Stenographer	01
Junior Clerk	01
Dispenser	01
Store Keeper	01
Naib Qasid	01
Ward Servant	03
Sanitary Worker	05

## Infrastructure/Departmental Facilities

### ENT Ward

Sr. No	Work Area	Covered Area	Students Utilizing	Facilities
01	Female Ward	1440 Sq.Ft	All	Clinical Teaching & Treatment
02	Male Ward	1020 Sq.Ft.	All	Clinical Teaching & Treatment
03	Class Room	270 Sq.Ft.	All	Clinical Teaching
04	Treatment Room	42 Sq.Ft.	All	Practical Teaching & Emergency Treatment
05	Offices	270 Sq.Ft	—	—
06	Audiometry Room	192 Sq.Ft	All	Clinical Learning

### ENT OPD.

Sr. No	Work Area	Covered Area	Students Utilizing	Facilities
01	Consultant Clinic	168 Sq.Ft	All	Practical & Clinical Teaching
02	Medical Officer Clinic	144 Sq.Ft	All	Practical & Clinical Teaching
03	Student Examination Room	45 Sq.Ft	All	Practical & Clinical Teaching

### ENT Operation Theatre

Sr. No	Work Area	Covered Area	Students Utilizing	Facilities
01	Changing Room	180 Sq.Ft.	All	—
02	Induction Room	400 Sq.Ft	All	Practical & Clinical Teaching
03	Operating Room	800 Sq.Ft	All	Practical & Clinical Teaching
04	Recovery Room	400 Sq.Ft	All	Practical & Clinical Teaching
05	Sterilization Room	2400 Sq.Ft	All	Practical & Clinical Teaching

## Technical Assistance Aid

1. <u>Computer</u>	02
2. <u>Multimedia Projector</u>	01
3. <u>Internet (Wi-Fi) 24 Hours</u>	01
4. <u>Printer</u>	01

## Understanding Quran Class

Sr. No.	Day	Class
01	Monday & Tuesday	Qirat & Tajweed-e-Quran
02	Wednesday & Thursday	Arabic Grammar & Tafheem-ul-Quran
03	Friday	Address by Islamic Scholar over religious matters pertaining to daily routine life
04	Saturday	Summarisation of all the days

## Academic Activity Details

DEPARTMENT OF OTO-RHINO-LARYNGOLOGY  
SHEIKH ZAYED MEDICAL COLLEGE RAHIM YAR KHAN  
WARD CLASSES FOR UPCOMING BATCH OF 4<sup>TH</sup> YEAR SESSION 2022-23

### WARD CLASSES

<i>Day</i>	<i>Faculty Member</i>
Monday	Prof. Dr. Muhammad Fahim Awan
Tuesday	Prof. Dr. Muhammad Fahim Awan
Wednesday	Prof. Dr. Muhammad Fahim Awan
Thursday	Dr. Anees-ur-Rehman
Friday	Dr. Anees-ur-Rehman
Saturday	Dr. Anees-ur-Rehman

**Following Topics are included in the Syllabus for undergraduate teaching and new class is awaited.**

## **TOPICS OF EAR**

1. Anatomy of the Ear
2. Physiology of the Hearing
3. Symptomatology ( Pain in the Ear)
4. Examination of the Ear & Tuning Fork Tests
5. Audiometry and Tympanometry.
6. Perichondritis, Haematoma Auris and Preauricular Sinus.
7. Wax, Foreign Body ear and Otomycosis, Osteoma, Hyperostosis.
8. Otitis Externa (Localized and Generalized), Malignant Otitis Externa, Myringitis Bullosa.
9. Traumatic perforation of the Ear Drum, Barotrauma,
10. Acute Suppurative Otitis Media, Acute Necrotizing Otitis Media.
11. Secretory Otitis Media
12. CSOM, Tubotympanic, Atticoantral.
13. Complications of CSOM
14. Otosclerosis
15. Meniere's Diseases, Acoustic Neuroma
16. Vertigo
17. Deafness, Noise induced hearing loss
18. Rehabilitation of Deafness
19. Ototoxicity
20. Deafness in Child, Speech Therapy.
21. Facial nerve paralysis, Herpes Zoster oticus.
22. Eustachian tube functions and dysfunction.
23. Neoplasia of external & middle Ear.

## TOPICS OF NOSE AND PNS

1. Anatomy and Physiology of Nose and PNS
2. Congenital Lesions of Nose and PNS
3. Trauma Nose: Cut Nose, Fracture Nose, Septal Haematoma, Septal Abscess, Saddle Nose, Hump, Deviated Nose, CSF Rhinorrhea.
4. Epistaxis
5. DNS, SMR, Septoplasty and Septal Perforation. Rhinitis: Allergic Rhinitis, Vasomotor Rhinitis
6. Rhinitis: Rhino Sinusitis, Atrophic Rhinitis, Hypertrophic Rhinitis.
7. Boil Nose, Vertibulitis, Foreign Body Nose, Rhinolith, Maggots.
8. Sinusitis: Acute, Sub acute, Chronic.
9. Complications of Sinusitis
10. Mucus Ethmoidal Polypi: Antrochonal Polyp, Bleeding Polyp of Nose.
11. Surgical procedures: Antral lavage, I/N Antrostomy, Caldwell Luc's procedure, Ethmoidectomy, Sphenoidotomy, Frontal Sinus Trephination, Osteoplastic flap
12. Surgical procedures: FESS :
13. Granulomatous infections of Nose and PNS , Fungal Infection of Nose and PNS, Wegener's Granulomatosis, Midline Lethal Granuloma ,
14. Tumor of Nose and PNS,
15. Lateral Rhinotomy, Weber Fergusson's Approach,
16. Inverted Papilloma
17. NPA
18. NPC
19. Squamous cell Carcinoma of Nose and PNS



## **LAYRNX, PHRYNX & NECK**

- 1.** Anatomy and Physiology of Larynx
- 2.** Stridor
- 3.** Congenital causes of Stridor
- 4.** Laryngomalacia, Subglottic Stenosis, Subglottic Haemangioma
- 5.** Epiglottitis, Laryngotracheobronchitis, Bacterial Tracheitis, Foreign body Larynx and Tracheobronchial Tree
- 6.** Hoarseness of Voice
- 7.** Acute laryngitis
- 8.** Chronic laryngitis, Non specific laryngitis
- 9.** Tubercular Laryngitis
- 10.** Syphilis, leprosy
- 11.** Vocal Cord Nodules, Functional Aphonia, Papilloma of Larynx, Polyps
- 12.** Tumors of Larynx, Carcinoma of Larynx, TNM staging.
- 13.** Tracheostomy:
- 14.** Vocal Cord Paralysis, Dysphonia Plica Vestibularis.
- 15.** Bronchoscopy.

# **PRACTICAL TEACHING OF 4<sup>TH</sup> YEAR MBBS STUDENTS IN** **ENT DEPARTMENT**

**Total duration of rotation**

**Six days a week**

**Three days OT per week ----Fifteen O.T sessions**

**Six Days per Week Ward Session---- Thirty ward sessions**

**Thirty evening sessions**

## **IMPORTANT HISTORY TAKING**

### **POINTS:**

#### **EAR**

1. Hearing --- Normal or abnormal
2. Sensorineural hearing loss
3. Conductive hearing loss
4. Tinnitus Aurium
5. Otorrhea
6. Otagia
7. Pinna deformity
8. Vertigo and Dizziness
9. Facial paralysis

#### **Nose**

10. Nasal Stuffiness
11. Rhinorrhea
12. Epistaxis
13. Olfactory disorders
14. Facial pain and Headache

#### **Oral Cavity**

15. Trismus
16. Ulcerated Lesions
17. Maculopapular lesions --- Non pigmented
18. Maculopapular lesions --- pigmented

19. Leukoplakic lesions

20. Intra-oral abscesses and swellings

21. Lesions of the Tongue

#### **Oropharynx:**

22. Acute Sore Throat

23. Chronic Sore Throat

24. Fever and chills following an upper respiratory tract infection: Quinsy, Retropharyngeal Abscess

#### **Salivary Gland Disorders:**

25. Submaxillary gland enlargement: intermittent, Constant

26. Parotid gland swelling: discrete and diffuse

#### **Facial Trauma**

27. Soft tissue injuries

28. Facial Skeletal injuries

#### **Hypopharynx and Larynx:**

29. Throat pain and odynophagia

30. Dysphagia

31. Hoarseness

32. Stridor

**Neck:**

33. Mass Neck

35. Stuttering

36. Adult aphasoid disorders

**Speech and articulation:**

34. Speech and language delay

**Eye**

37. Enophthalmos

38. Proptosis

**IMPORTANT PHYSICAL EXAMINATION POINTS:****Ear:**

1. Use of Head light
2. Sitting arrangement
3. Examination of Pinna, pre- and post-aural area
4. Examination of external auditory canal
5. Examination of Tympanic membrane
6. Fistula test
7. Examination of facial nerve

**Examination of Nose and Paranasal****Sinuses**

8. Examination of external nose and face
9. anterior rhinoscopy
10. Posterior Rhinoscopy
11. Sinus tenderness
12. Cold spatula test
13. Transillumination test

**Oral cavity and oropharynx:**

14. Inspection
15. Palpation
16. Percussion and auscultation

**Larynx and Laryngopharynx:**

18. Indirect Laryngoscopy

**Examination of Neck**

17. Inspection
18. Palpation

**Examination of Salivary glands****Examination of Cranial Nerves****ENT Radiology sixteen points****Temporal bone study**

1. Law's position
2. Schuller's position
3. Mayer's position
4. Chausse III position
5. Townen's view

**Radiological examination of the Nose and****Paranasal Sinuses:**

6. Occipitomental view
7. Occipitofrontal view
8. Submentovertical view
9. Lateral view
10. X-ray for nasal bones

11. X-ray neck soft tissue lateral view
12. X-ray cervical spine AP view
13. X-ray cervical spine lateral view

14. X-ray chest PA view, Lateral view
15. Barium swallow
16. Sectional imaging, CT scan, MRI

**Investigations in ENT (Sixteen Points)**

1. Pure Tone Audiometry
2. Tympanometry
3. ABR
4. Otoacoustic Emission
5. Electronystagmography
6. Caloric tests
7. Nasopharyngoscopy
8. Panendoscopy
9. Direct Laryngoscopy
10. Bronchoscopy
11. Esophagoscopy
12. FNAC
13. Biopsy
14. Pus for culture sensitivity
15. Facial nerve testing- Electrical tests
16. Positron emission tomography

**Common procedures in ENT (sixteen):**

**Ear**

1. Removal of ear wax, Syringing
2. Removal of Foreign body Ear
3. Tympanoplasty
4. Cortical Mastoidectomy
5. Modified Radical Mastoidectomy
6. Radical Mastoidectomy
7. Myringotomy, Grommet insertion
8. Stapedectomy

9. Endolymphatic sac decompression

**Nose and Paranasal Sinuses**

10. Antral washout
11. Intranasal antrostomy
12. Caldwell- Luc's procedure
13. Trephination of Frontal sinus
14. Frontal sinus ablation
15. Total maxillectomy, Radical Maxillectomy
16. FESS
17. Sphenoidotomy
18. Trans-sphenoidal Hypophysectomy
19. Ethmoidectomy
  - a. External
  - b. Intranasal
  - c. Transantral

**Oral Cavity and Oropharynx:**

20. Tonsillectomy
21. Cleft palate repair

**Nasopharynx**

22. Adenoidectomy
23. Nasopharyngoscopy, EUA

**Neck, Larynx, Tracheobronchial Tree,**

**Esophagus**

24. Direct Laryngoscopy
25. Nasopharyngoscopy
26. Bronchoscopy
27. Oesophagoscopy
28. Total Laryngectomy
29. Laryngofissure
30. Radical Neck Dissection
31. Tracheostomy
32. Laryngotomy

## **Common Diseases of ENT**

### **Ear**

1. Wax Ear
2. Otitis Externa- Localized, Diffuse
3. Otomycosis
4. Acute SOM
5. CSOM
6. Secretory Otitis Media
7. Otosclerosis

### **Nose and Paranasal**

8. Boil Nose
9. Foreign Body Nose, Rhinolith
10. Mucous Ethmoidal Polpi
11. Antrochoanal Polyp
12. Rhinosinusitis
13. Allergic Rhinitis, Vasomotor Rhinitis
14. Acute Sinusitis
15. Chronic Sinusitis
16. Nasopharyngeal Angiofibroma
17. Tumours of Nose and Paranasal  
Sinuses

### **Oral Cavity and Oropharynx**

18. Acute Follicula Tonsillitis
19. Diphtheria

20. Chronic Tonsillitis
21. Peritonsillar Abscess
22. Ludwig's Angina
23. Parapharyngeal space abscess
24. Retropharyngeal Abscess

### **Nasopharynx:**

25. Mass Nasopharynx
26. Adenoiditis
27. Carcinoma Nasopharynx

### **Laryngopharynx, Larynx, Esophagus**

28. Epiglottitis
29. Laryngotracheobronchitis
30. Bacterial Tracheitis
31. Foreign Body Larynx
32. Foreign Body Tracheobronchial Tree
33. Foreign body Oesophagus
34. Vocal Cord Nodule
35. Growth Larynx
36. Recurrent Respiratory Papillomatosis
37. Laryngomalacia
38. Subglottic Stenosis
39. Subglottic Haemangioma

### **Neck:**

40. Neck Mass
41. Goitre
42. Branchial cyst
43. Thyroglossal duct cyst and Fistula

## **INSTUMENTS FOR 4<sup>TH</sup> MBBS**

### **STUDENTS:**

#### **Ear**

1. Ear Spececulum
2. Myringotome
3. Mastoid retractor
4. Antrum seeker
5. Eustachian Catheter

#### **Nose and Para-nasal sinuss**

6. Nasal Speculum
7. Walsham's Forceps
8. Asche's Forceps
9. Lichwitz Trocar and Cannula
10. Freer elevator
11. Luc's Forceps
12. Tilley's nasal dressing forceps
13. Bayonet nasal dressing forceps
14. Myle's retrograde perforator
15. Nasal snare
16. Ballenger swivel knife
17. Sinus Forceps

#### **Airway**

18. Endotracheal tube cuffed non-cuffed
19. Oropharyngeal airway
20. McIntosh Laryngoscope
21. McGill Forceps
22. Tracheostomy tubes
23. Tracheal dilator
24. Retractors
25. Cricoid Hook

#### **Endoscopes**

26. Laryngoscope
27. Bronchoscope
28. Oesophagoscope
29. Nasopharyngoscope

#### **Adenoids and Tonsils**

30. Adenoid curette
31. Boyle Davi's Mouth Gag
32. Tonsil Holding forceps
33. Tonsil artery forceps
34. tonsil snare
35. Knot pusher

# **INTERNAL EVALUATION ENT DEPARTMENT**

**CLASS** \_\_\_\_\_

**BATCH** \_\_\_\_\_

**Total** **20 Marks**

Attendance **5 Marks**

Nose, Throat, Ear, ward Test and  
Sendup } **15 Marks**  
Each carry 3 marks }

## **MARKS DISTRIBUTION IN THE SUBJECT OF ENT:**

- Study hours = 100 hours
- Lectures + Practical = 50 hours + 50 hours
- Theory marks 90+internal assessment 10= 100
- OSPE 90+ internal assessment 10 =100
- **Grand Total = 200 marks**

## **MBBS 4th Professional Theory Examination**

**(For all affiliated Medical Colleges)**

S. No	Subject	Theory						Internal Assessment	Total Marks
		SEQs			MCQs				
1	ENT	45 Marks	9	5	45 Marks	45	01	10	100
			SEQs	Marks each		MCQs	Marks each		
			2 Hours			1 Hour			



# MBBS 4th Professional Practical (OSPE) Examination

(For all affiliated Medical Colleges)

<b>Static Stations</b> (4 Marks for each station) (5 Minutes at each station)						<b>Max. Marks</b> (24)	<b>Short Cases</b> (10 Marks for each station) Max. Marks (30)			<b>Clinical Scenario / History Taking</b> (Max. Marks 6)	<b>Viva Stations</b> (15 Marks for each station) Max. Marks (30)		<b>Max. Marks</b> (66)	<b>Total Marks 100</b>	
Station 1	Station 2	Station 3	Station 4	Station 5	Station 6	Total	Station 7	Station 8	Station 9	Station 10	Station 1	Station 12	Total	Int. Assesm	Grand Total
4Marks	4Marks	4Marks	4Marks	4Marks	4Marks	24Marks	10Marks	10Marks	10Marks	6Marks	10Marks	10Marks	56Marks	20marks	100Marks

# **INSTRUCTIONS FOR FOURTH YEARS**

## **SESSION – 2022-23**

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- Topic for Ward will be allocated according to availability of the cases.
- Each student must present at least two cases in the ward during the rotation.
- Evening duties will be assigned.
- Every student must appear in the Internal Evaluation Test on the last day of rotation and the marks will be added in the final university examination.

**Clinico-Pathological Conference Schedule from November 2021 to January 2022  
(ENT Department)**

<b>Sr. No.</b>	<b>Date</b>	<b>Topic</b>	<b>Presenter</b>
01	27-10-2021	Hematoma auris , Boil ear	Dr. Afshan Qayum
02	01-11-2021	Otomycosis, Ctitis Externa Haemorrhgia	Dr. Zafarullah
03	03-11-2021	Hearing loss in children	Dr. Bilal Ahsan
04	8-11-2021	Perichondritis, Foreign Body Ear	Dr. M. Saddique
05	10-11-2021	Wax, Keratosis Obturan	Dr. Zain-ul-Abidin
06	15-11-2021	Osteoma, Exotosis, Otitic Barotrauma	Dr. Yumna Sarmed
07	17-11-2021	Fracture of Temporal bone	Dr. M. Zubair
08	22-11-2021	Acute otitis media	Dr. Ahmad Raza
09	24-11-2021	Chronic otitis media	Dr. Bilal Ahsan
10	29-11-2021	Extracranial Complications of CSOM	Dr. Inam-ur-Rehman
11	1-12-2021	Intracranial Complication of CSOM	Dr. Hassan Mehmood
12	6-12-2021	OME + Tuberculous otitis media	Dr. M. Saddique
13	8-12-2021	Facial paralysis, Bell's palsy	Dr. Zafarullah
14	13-12-2021	Glomus tumor	Dr. Assadullah
15	15-12-2021	Otoseclerosis	Dr. Afshan Qayum
16	20-12-2021	Vertigo, BPPV, vestibular neuronitis, viral labrynthitis	Dr. Zain-ul-Abidin
17	22-12-2021	Meniere's Disease	Dr. Yumna Sarmed
18	27-12-2021	Tinnitus, Ototoxicity	Dr. M. Zubair
19	29-12-2021	Vestibular Schwannoma	Dr. Inam-ur-Rehman
20	3-1-2022	Hepers Zoster Oticus, Malignant O.E	Dr. Assadullah
21	5-1-2022	Hearing aids, Cochlear implant	Dr. Ahmed Raza

## Scheme of the Course

A summary of Four Years course in MS Otolaryngology is presented as under:

Course Structure	Components	Examination
<b>Part I</b>	<p><b>Basic Medical Sciences</b> Anatomy, Physiology, Biochemistry, Pathology, Pharmacology, Behavioural Sciences and Biostatistics &amp; Research Methodology.</p>	<p>Part-I examination at the end of 1st year of MS Otolaryngology Programme.</p> <ul style="list-style-type: none"> <li>• <b>Written:</b> Paper I: MCQs Paper II: SEQs</li> </ul>
<b>Part-II</b>	<ul style="list-style-type: none"> <li>• <b>Fundamental Concepts in Surgery :</b> Training in basic clinical techniques of Surgery with compulsory rotations for one year starting from first day of enrollment</li> </ul>	<p>Part-II examination at the end of 1<sup>st</sup> year of MS Otolaryngology Programme.</p> <ul style="list-style-type: none"> <li>• <b>Written:</b> Papers 1 &amp; 2 : Basic Principles of Surgery</li> <li>• <b>Oral &amp; Practical/ Clinical Examination</b> <ul style="list-style-type: none"> <li>• OSCE</li> <li>• Clinical Examination (Long case, Short cases)</li> </ul> </li> <li>• <b>Log Book</b></li> </ul>
<b>Part-III</b>	<p style="text-align: center;"><b><u>Clinical component of Part III</u></b></p> <ul style="list-style-type: none"> <li>• <b>Professional Education in Otolaryngology :</b> Training in Otolaryngology during 2<sup>nd</sup>, 3<sup>rd</sup> &amp; 4<sup>th</sup> year of MS Otolaryngology Programme.  Three years of training with compulsory &amp; optional rotations in relevant fields</li> </ul> <p style="text-align: center;"><b><u>Research component of Part III</u></b></p> <p>Research work/Thesis writing project must be completed and thesis be submitted before the end of training.</p>	<p>Part-III examination in specialized components of Otolaryngology at the end of 4<sup>th</sup> year of MS Otolaryngology Programme.</p> <ul style="list-style-type: none"> <li>• <b>Written:</b> Papers 1 &amp; 2: Problem-based questions in the subject</li> <li>• <b>Oral &amp; Practical/ Clinical Examination</b> <ul style="list-style-type: none"> <li>• OSCE/</li> <li>• Clinical Examination (Long case, Short cases )</li> </ul> </li> <li>• <b>Log Book</b></li> </ul> <p>Part-III thesis examination with defense at the end of fourth (4th) year of MS Otolaryngology Programme.</p>

# DEPARTMENT OF OTORHINOLARYNGOLOGY

## OPD CONSULTANT DUTY ROSTER

### FOR THE MONTH OF OCTOBER 2022

<b>Days</b>	<b>On Duty</b>
Monday	Prof. Dr. Muhammad Fahim Awan Dr. Laeeq-ur-Rehman
Tuesday	Prof. Dr. Muhammad Fahim Awan Dr. Laeeq-ur-Rehman
Wednesday	Prof. Dr. Muhammad Fahim Awan Dr. Anees-ur-Rehman
Thursday	Prof. Dr. Muhammad Fahim Awan Dr. Laeeq-ur-Rehman
Friday	Prof. Dr. Muhammad Fahim Awan Dr. Anees-ur-Rehman
Saturday	Prof. Dr. Muhammad Fahim Awan Dr. Anees-ur-Rehman

**O.T. CONSULTANT DUTY ROSTER**  
**FOR THE MONTH OF OCTOBER 2022**

<b>Day</b>	<b>Name</b>	<b><i>Designation</i></b>
Tuesday	Prof. Dr. Muhammad Fahim Awan	Professor
	Dr. Anees-ur-Rehman	Associate Professor
Thursday	Prof. Dr. Muhammad Fahim Awan	Professor
	Dr. Anees-ur-Rehman	Associate Professor
Saturday	Prof. Dr. Muhammad Fahim Awan	Professor
	Dr. Laeeq-ur-Rehman	Consultant

## **FACILITIES & INSTRUMENTS AVAILABLE IN OUTDOOR PATIENTS DEPARTMENT.**

1. ENT Examination Room	
• Consultant	01
• Medical Officers	01
2. ENT Examination Unit	01
3. ENT Diagnostic Set	02
4. ENT Examination Set (instruments)	20 Sets
5. Oscopes/ Auriscopes	04
6. Sucker Machine	04
7. Aural Syringes	08
8. Head lights	02
9. Sterilizer	01

- Consultants also visit OPD six days per week
- Registrar & Medical officer examine the patients in ENT OPD six days a week. We provide emergency cover round the clock throughout the week.

### **AUDIOLOGY SECTION:**

i. Audiology Room (Air Conditioned)	01
ii. BERA	01
iii. Sound proof Booth	01
iv. Pure Tone Audiometer	03
v. Impedance Audiometer	02

Pure tone audiometry and impedance audiometry performed daily where as BERA is performed on daily only.

## **INSTRUMENTS AVAILABLE IN OPERATION THEATER.**

1. Operating Microscope with Video Camera, monitor & Observer loop.	01
2. Adult Rigid Bronchoscope set with all Accessories	01
3. Pediatric Rigid Bronchoscope set with all Accessories	01
4. Adult Rigid Oesophagoscope set with all Accessories	01
5. Pediatric Rigid Oesophagoscope set with all Accessories	01
6. Adult Rigid Laryngoscope set with all Accessories	01
7. Pediatric Rigid Laryngoscope set with all Accessories	01
8. Fiber optic Nasopharyngoscopy.	01
9. Tonsillectomy Set	04
10.SMR set	04
11. Rhinoplasty set	02
12.Mastoidectomy Set (Microscopic Instruments)	02
13.Pneumatic Drill Machine	01
14.Electric Drill Machine	01
15.Electric Cautry	02
16.Sucker Machine	03
17.Tympanoplasty Set (Microscopic Instruments)	02
18.Tracheostomy Set	01
19.FESS Set with endovision	01
20.Head Lights	
i. With video Camera and Monitor	02
ii. Without video Camera	06
21. Video Otoscope	01

➤ We have five operation theatres for three days per week.



## **List of Journals Available In ENT Departmental Library**

<b>Sr. #</b>	<b>Name of the journals</b>	<b>Subscribed since (Month, Year)</b>
1	Otolaryngologic Clinics of North America	Jan, 2007
2	Laryngoscope	Jan, 2007
3	Pakistan Journal of Otolaryngology	Jan, 2007
4	Journal of College of Physicians and Surgeon Pakistan.	Jan, 2008
5	JLO	Jan, 2008
6	ETN and Audiology News	Jan, 2009

## **List of Books Available In ENT Departmental Library**

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1. Scott-Brown's Otolaryngology.
  2. Logan Turner's Diseases of the Nose, Throat & Ear.
  3. Essential Otolaryngology Head & Neck Surgery.
  4. Diseases of Ear, Nose & Throat by P L Dhingra.
  5. Otolaryngology Head & Neck Surgery by W.Cummings.
  6. Atlas of Ear, Nose & Throat Diseases by Walter Becker.
  7. Surgery of Ear & Temporal bone by Harold F.Schuknecht.
  8. Deafness in the Developing Countries by Syed Shabih Zaidi.
  9. Stuttering by Albert L Menner.
  - 10 Current Diagnosis & Treatment in Otolaryngology.
  - 11 Clinical Methods in ENT by PT Wakode.
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