

**VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT.****T.Y. M.B.B.S.****OTORHINOLARYNGOLOGY**

These guidelines are based on MCI recommendations.

Teaching has to be done keeping in mind the goals and objectives to be achieved by medical student

**1. GOAL**

The basic idea of undergraduate students teaching and training in otolaryngology is that he / she should have acquired adequate knowledge and skills for optimally Dealing with common disorders, emergencies in E.N.T .and basic principles of impaired hearing rehabilitation.

**2. OBJECTIVES****(a) Knowledge**

At the end of course the student shall be able to :

- (1) Describe the basic pathophysiology and common Ear ,Nose ,Throat diseases and emergencies.
- (2) Adopt the rationale use of commonly used drugs,keeping in mind their side effects
- (3) Suggest common investigative methods and their interpretation.

**(b) Skills**

At the end of course ,the student shall be able to:

1. Examine and diagnose common ear ,nose ,throat problems including premalignant and malignant diseases of head and neck.
2. Manage ear ,nose ,throat (E.N.T)problems at the first level of care and be able to refer whenever and wherever necessary.
3. Assist/do independently basic E.N.T. procedures like ear syringing, Ear dressings, nasal packing removal of foreign bodies from nose, ear, throat.
4. Assist in certain procedures like tracheostomy, endoscopies.
5. Conduct CPR (cardiopulmonary resuscitation).
6. Be able to use auroscope, nasal speculum, tongue depressor, tuning fork and head mirror.

**INTEGRATION**

The undergraduate training in E.N.T. will provide an integrated approach towards other disciplines especially neurosciences, ophthalmology and general surgery.

## LEARNING METHODS

1. Total teaching hours :70
2. Theory lectures :48 (4th,6th,7th term.)
3. Tutorials :22(7th term)
4. Clinical Postings Two clinical postings of 4weeks  
 First in 4<sup>th</sup> semester and second in 6<sup>th</sup> semester  
 Bedside clinics – 8 weeks of three hours per day 144 hours

## Course distribution and Teaching Programme

This is suggested programme and can vary at institute

Total 70 hours of teaching has to be done in ENT including Tutorials

Details of syllabus is given separately below after distribution as per semester

Theory lectures will be taken once a week and their distribution will be as below:

1. 4th term :16(nose and Paranasal sinuses/throat)
    - a. NOSE AND P.N.S. :10
    - b. THROAT AND NECK:6
  2. 6th term :16 (Remaining topics of throat, head and neck and / ear)
    - a. THROAT AND NECK:8
    - b. EAR :8
  3. 7 th term :16 lectures
    - a. RECENT ADVANCES AND OTHERS :4
    - b. EAR 12
- Total Theory lectures 48

Tutorials 7<sup>th</sup> Term 22 hours teaching

**THEORY LECTURES:** 4th, 6th, 7th term (one hour per week)

### Topics

### No.of lectures

#### Throat

- |  |   |
|--|---|
| • Anatomy/physiology   | 1 |
| • Diseases of buccal cavity  | 1 |
| • Diseases of pharynx  | 2 |
| • Tonsils and adenoids   | 2 |
| • Pharyngeal tumours and related Topics (trismus, Plummer .Vinson Syndrome etc.)       | 1 |
| • Anatomy /physiology/examination  |   |
| Methods/symptomatology of larynx   | 2 |
| • Stridor /tracheostomy  | 2 |
| • Laryngitis /laryngeal trauma/Laryngeal paralysis/ foreign body larynx/Bronchus, etc. | 2 |
| • Laryngeal tumours  | 1 |

### **Nose and paranasal sinuses**

• Anatomy /physiology/ exam.	
• Methods /symptomatology	2
• Diseases of ext. nose/cong. Conditions	1
• Trauma to nose/p.n.s/Foreign Body. / Rhinolith	1
• Epistaxis	1
• Diseases of nasal septum	1
• Rhinitis	1
• Nasal polyps/nasal allergy	1
• Sinusitis and its complications	1
• Tumours of nose and Para nasal sinuses	1

### **EAR**

• Anatomy /physiology	2
• Methods/methods of examination	1
• Cong.diseases/ ext.ear /middle ear	1
• Acute/chronic supp. otitis media Aetiology, clinical features and its Management/complications	6
• Serous/adhesive otitis media	1
• Mastoid/middle ear surgery	1
• Otosclerosis/tumours of ear	2
• Facial paralysis/Meniere's disease	2
• Tinnitus /ototoxicity	2
• Deafness/hearing aids/rehabilitation Audiometry	2