

## Course Specification

University: Al-Azhar

Faculty: Medicine

Department: Otorhinolaryngology (ENT)

### 1- Data of the course:

<b>Code of the course:</b> 404-ENT	<b>Title of the course:</b> ENT course of MBBCh program	<b>Year:</b> 4 <sup>th</sup> year of MBBCh program Duration: 32 weeks
<b>Specialty:</b> Otorhinolaryngology	Number of teaching units: 5	<b>Lectures:</b> 50      Total: 110 hours <b>Practical/ Clinical: 40 Tutorial 20</b>

### 2- Objectives o the course:

*The goal of the otorhinolaryngology course is to provide the undergraduate student with:*

- 1-Adequate knowledge about most of otorhinolaryngological medical problems and diseases regarding causes, clinical picture, investigations and management.
- 2-Adequate skills in relation to Otorhinolaryngological observation and training in minor **1st** aid treatment.
- 3-Positive attitudes that is important for medical student to communicate with patients, colleagues and co-workers in the medical field.

### 3- ILOs

A- Knowledge and understanding:	<p><i>By the end of the course the student should know:</i></p> <ol style="list-style-type: none"> <li>1-Describe aetiology, histopathology, clinical manifestations, diagnosis D.D, investigations, complications, management of most of otorhinolaryngological diseases</li> <li>2-Identify the most common emergencies of otorhinolaryngology and how to deal with, like epistaxis, fracture nasal bones, F.B and stridor</li> <li>3-Recognize simple operative details of the commonest E.N.T operations &amp; its complications</li> <li>4-Describe recent methods and tools of diagnosis and treatment of otorhinolaryngological diseases including lab, imaging, endoscopy, laser.</li> </ol>
B- Intellectual Skills:	<ol style="list-style-type: none"> <li>1- Integrate data from history and examination to formulate diagnosis.</li> <li>2- Choose appropriate investigation according to the situation.</li> <li>3- Interpretation of laboratory results</li> </ol>

C- Professional Skills:	<p><i>By the end of the course the student should be able to</i></p> <p>1-perform both comprehensive and problem focused history and physical examination</p> <p>2-develop a professional diagnosis and D.D. after performing the necessary investigations</p> <p>3-develop a management strategies for patients with common acute and chronic otorhinolaryngological conditions</p> <p>4-recongize and manage a common otorhinolaryngological emergencies like epistaxis, nasal trauma, stridor, F.B. and how to deal with.</p>																																																																												
D- General Skills:	<p><i>By the end of the course the student should be able to:</i></p> <p>1-deal with all staff and co-staff respectively regardless the degree of occupation</p> <p>2-work effectively in groups</p> <p>3-maintain the professional image concerning behaviors, dress, speech and communications</p> <p>4-maintain responsibility towards the work</p>																																																																												
4- Course Content:	<p><b>1-Ear (Module I - 30% of the course)</b></p> <table border="1" data-bbox="611 1014 1477 1771"> <thead> <tr> <th data-bbox="611 1014 719 1106"><b>Ser.</b></th> <th data-bbox="719 1014 1233 1106"><b>Topic</b></th> <th data-bbox="1233 1014 1334 1106"><b>Lec. hrs</b></th> <th data-bbox="1334 1014 1477 1106"><b>Topic weight</b></th> </tr> </thead> <tbody> <tr> <td data-bbox="611 1106 719 1144">1</td> <td data-bbox="719 1106 1233 1144">Anatomy, physiology, and examination of</td> <td data-bbox="1233 1106 1334 1144">4</td> <td data-bbox="1334 1106 1477 1144">13 %</td> </tr> <tr> <td data-bbox="611 1144 719 1182">2</td> <td data-bbox="719 1144 1233 1182">the ear</td> <td data-bbox="1233 1144 1334 1182">2</td> <td data-bbox="1334 1144 1477 1182">6.6</td> </tr> <tr> <td data-bbox="611 1182 719 1220">3</td> <td data-bbox="719 1182 1233 1220">Congenital anomalies of the ear</td> <td data-bbox="1233 1182 1334 1220">2</td> <td data-bbox="1334 1182 1477 1220">6.6</td> </tr> <tr> <td data-bbox="611 1220 719 1258">4</td> <td data-bbox="719 1220 1233 1258">Trauma to the ear</td> <td data-bbox="1233 1220 1334 1258">2</td> <td data-bbox="1334 1220 1477 1258">6.6</td> </tr> <tr> <td data-bbox="611 1258 719 1296">5</td> <td data-bbox="719 1258 1233 1296">Inflammation of the external ear</td> <td data-bbox="1233 1258 1334 1296">2</td> <td data-bbox="1334 1258 1477 1296">6.6</td> </tr> <tr> <td data-bbox="611 1296 719 1335">6</td> <td data-bbox="719 1296 1233 1335">Acute inflammation of the middle ear</td> <td data-bbox="1233 1296 1334 1335">2</td> <td data-bbox="1334 1296 1477 1335">6.6</td> </tr> <tr> <td data-bbox="611 1335 719 1373">7</td> <td data-bbox="719 1335 1233 1373">cleft</td> <td data-bbox="1233 1335 1334 1373">5</td> <td data-bbox="1334 1335 1477 1373">16.6</td> </tr> <tr> <td data-bbox="611 1373 719 1411">8</td> <td data-bbox="719 1373 1233 1411">Chronic supp. Otitis media</td> <td data-bbox="1233 1373 1334 1411">1</td> <td data-bbox="1334 1373 1477 1411">3.3</td> </tr> <tr> <td data-bbox="611 1411 719 1449">9</td> <td data-bbox="719 1411 1233 1449">Complications of Otitis media</td> <td data-bbox="1233 1411 1334 1449">2</td> <td data-bbox="1334 1411 1477 1449">6.6</td> </tr> <tr> <td data-bbox="611 1449 719 1487">10</td> <td data-bbox="719 1449 1233 1487">Chronic non-supp. Otitis media</td> <td data-bbox="1233 1449 1334 1487">2</td> <td data-bbox="1334 1449 1477 1487">6.6</td> </tr> <tr> <td data-bbox="611 1487 719 1525">11</td> <td data-bbox="719 1487 1233 1525">Facial nerve paralysis</td> <td data-bbox="1233 1487 1334 1525">2</td> <td data-bbox="1334 1487 1477 1525">6.6</td> </tr> <tr> <td data-bbox="611 1525 719 1563">12</td> <td data-bbox="719 1525 1233 1563">Tumors of the ear</td> <td data-bbox="1233 1525 1334 1563">2</td> <td data-bbox="1334 1525 1477 1563">6.6</td> </tr> <tr> <td data-bbox="611 1563 719 1601">13-18</td> <td data-bbox="719 1563 1233 1601">Meniere's disease (endolymphatic</td> <td data-bbox="1233 1563 1334 1601"></td> <td data-bbox="1334 1563 1477 1601"></td> </tr> <tr> <td data-bbox="611 1601 719 1639"></td> <td data-bbox="719 1601 1233 1639">hydrops)</td> <td data-bbox="1233 1601 1334 1639"></td> <td data-bbox="1334 1601 1477 1639"></td> </tr> <tr> <td data-bbox="611 1639 719 1677"></td> <td data-bbox="719 1639 1233 1677">Otosclerosis</td> <td data-bbox="1233 1639 1334 1677"></td> <td data-bbox="1334 1639 1477 1677"></td> </tr> <tr> <td data-bbox="611 1677 719 1715"></td> <td data-bbox="719 1677 1233 1715">Deafness, Tinnitus , Vertigo , ear</td> <td data-bbox="1233 1677 1334 1715"></td> <td data-bbox="1334 1677 1477 1715"></td> </tr> <tr> <td data-bbox="611 1715 719 1753"></td> <td data-bbox="719 1715 1233 1753">discharge , pain in the ear ,Labyrinthine</td> <td data-bbox="1233 1715 1334 1753"></td> <td data-bbox="1334 1715 1477 1753"></td> </tr> <tr> <td data-bbox="611 1753 719 1792"></td> <td data-bbox="719 1753 1233 1792">nystagmus , Operations of the ear</td> <td data-bbox="1233 1753 1334 1792"></td> <td data-bbox="1334 1753 1477 1792"></td> </tr> </tbody> </table>	<b>Ser.</b>	<b>Topic</b>	<b>Lec. hrs</b>	<b>Topic weight</b>	1	Anatomy, physiology, and examination of	4	13 %	2	the ear	2	6.6	3	Congenital anomalies of the ear	2	6.6	4	Trauma to the ear	2	6.6	5	Inflammation of the external ear	2	6.6	6	Acute inflammation of the middle ear	2	6.6	7	cleft	5	16.6	8	Chronic supp. Otitis media	1	3.3	9	Complications of Otitis media	2	6.6	10	Chronic non-supp. Otitis media	2	6.6	11	Facial nerve paralysis	2	6.6	12	Tumors of the ear	2	6.6	13-18	Meniere's disease (endolymphatic				hydrops)				Otosclerosis				Deafness, Tinnitus , Vertigo , ear				discharge , pain in the ear ,Labyrinthine				nystagmus , Operations of the ear		
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**2- Pharynx (Module II- 20% of the course) 19 Hrs.**

Ser.	Topic	Lect. hrs	Topic weight
1	Anatomy, physiology and examination of the pharynx.	2	10.5 %
2	Congenital anomalies of the pharynx	1	5.2
3	Trauma to the pharynx.	2	10.5
4	Inflammatory conditions of the pharynx.	4	21
5	Ulcers of the pharynx.	1	5.2
6	Diseases of the tonsils.	2	10.5
7	Adenoids.	1	5.2
8	Operations of the pharynx.	2	10.5
9	Suppuration of the pharynx.	2	10.5
10	Tumors of the pharynx.	2	10.5
11	Snoring.	1	5.2
12	Miscellaneous conditions of the pharynx.	1	5.2

**3-Nose (Module III-18% of the course) 17 Hrs.**

Ser.	topic	Lect. Hrs.	Topic weight
1	Anatomy, physiology and examination of the nose	2	11.76 %
2	Congenital anomalies of the nose	1	5.8
3	Trauma to the nose	2	11.76
4	Inflammation of the nose	2	11.76
5	Inflammation of PNS (acute & chronic sinusitis)	2	11.76
6	Nasal allergy and polypi	2	11.76
7	Cysts and tumors of the nose and PNS	2	11.76
8	Nasal septum	1	5.8
9	Symptomatology of the nasal diseases	2	11.76
10	Operations of the nose and PNS	1	5.8

**4-Larynx, trachea & bronchi (Module IV-12% of the course) 12 Hrs.**

Ser.	topic	Lect. Hrs.	Topic weight
1	Anatomy, physiology and examination of the larynx	2	16.6 %
2	Congenital anomalies of the larynx	1	0.8
3	Trauma to the larynx	1	0.8
4	Inflammation of the larynx (acute & chronic laryngitis)	1	0.8
5	Paralysis of the vocal cords	2	16.6

	6	Laryngeal tumors	3	25
	7	Symptomatology of the larynx	1	0.8
	8	Operations of the larynx	1	0.8
<b>5-Oesophagus (Module V- 10% of the course)</b>				
	<b>Ser.</b>	<b>topic</b>	<b>Lect. Hrs.</b>	<b>Topic weight</b>
	1	Anatomy, physiology and examination of the oesophagus	1	11 %
	2	Congenital anomalies of the oesophagus	1	11
	3	Trauma to the oesophagus	1	11
	4	Inflammatory and neuromuscular oesophageal dysfunction	2	22
	5	Neoplastic lesions of the oesophagus	1	11
	6	Stricture oesophagus	1	11
	7	Dysphagia	2	22
	8			
<b>6-Head and neck swellings (Module VI- 10%of the course) 9 Hrs.</b>				
	<b>Ser.</b>	<b>topic</b>	<b>Lect. Hrs.</b>	<b>Topic weight</b>
	1	Mass at root of the nose	1	11 %
	2	Mass of cheek and maxilla	1	11
	3	Pre-auricular and parotid mass	2	22
	4	Post-auricular swelling	1	11
	5	Submandibular swelling	1	11
	6	Submental swelling	1	11
	7	Neck swellings	2	22

5- Methods of teaching:	1-lectures 2- group teaching (tutorials) with interactive discussion and data show presentation.
6- Methods of teaching of handicaps	Not present

### 7- Students evaluation and assessment:

A- Method of assessment:	1. Midyear exam 20% (40 marks) including 30 marks MCQ + 10 marks (attendance and log book). 2. Final year exam (160 marks) including: A- 80 marks (written exam including problem solving questions) B- 40 marks (oral exam) C- 40 marks (30 marks MCQ +10 marks (attendance and log book) for the 2 <sup>nd</sup> term, So, total marks are 200 .
B- Time of assessment	Mid-year exam in January Final exam June
C- Allocated marks/Distribution	Total marks 200 : 40 marks for mid-year exam 120 marks for final exam

### 8- Teaching books, notebooks, and references:

- Books/Notebooks:	Departmental notebook
- References:	

Head of the department:

Course Coordinator: