



ORL 432

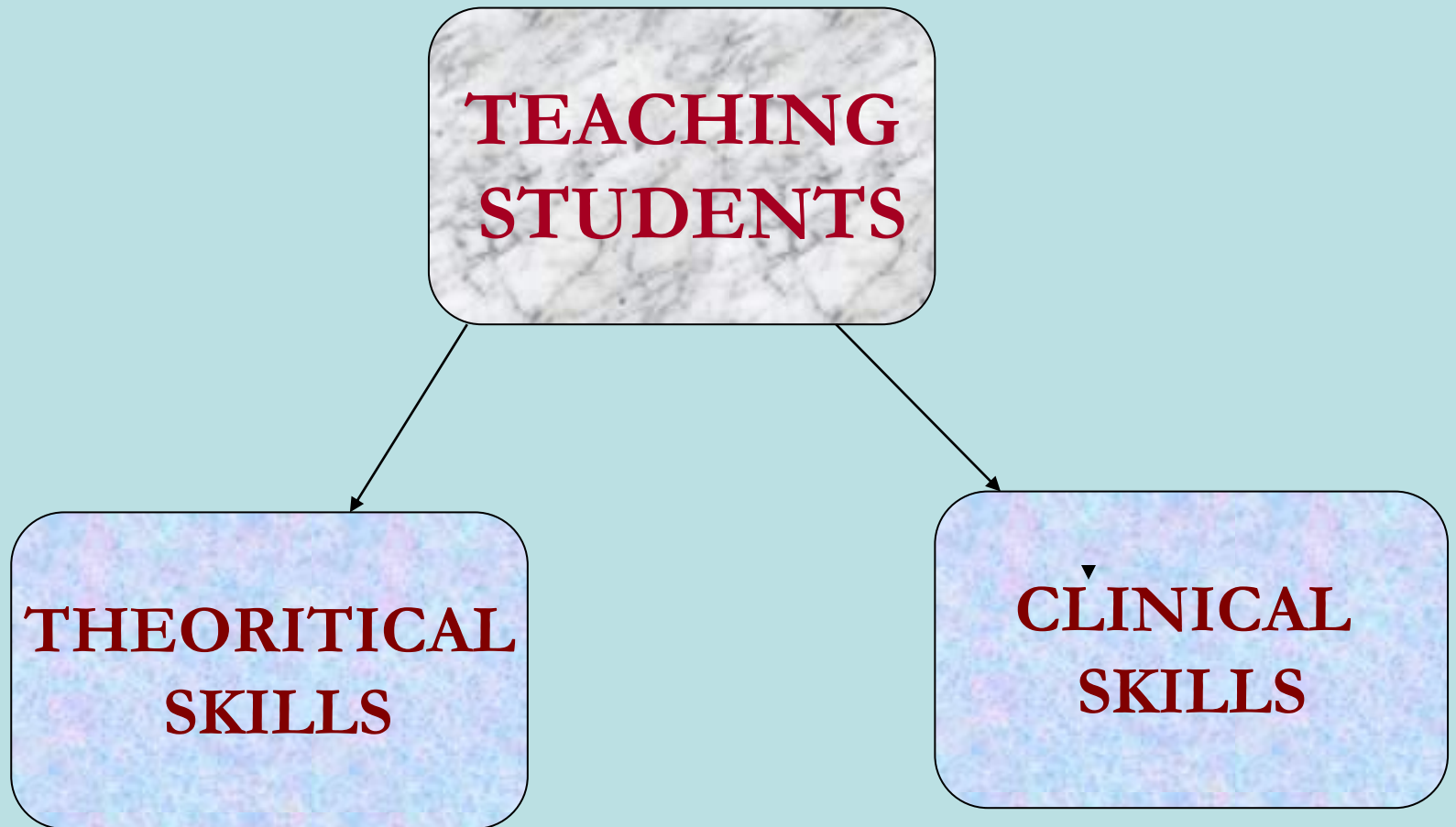
Otorhinolaryngology course for
undergraduates

Presentation available :

<http://fac.ksu.edu.sa/malessa/course/124627>

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- Course : ORL 432
 - Hours : 4 credit hours
 - 1 hour (Theoretical or Lectures)
 - 3 hours (Clinical or Practical Aspect)
 - Chairman
 - Dr.Sami Alharethy
 - Director (undergraduate unit) :
 - Dr.Mohammed AlEssa
maalessa@ksu.edu.sa
 - Undergraduate co-ordinators
 - Ms. Antonieta Adiova
 - Ms. Shatha AlOtibi
 - Avenue / office :
King Abdulaziz University Hospital
Building no.1
4 floor
011/4786100 , extension : 1429

ORL 432 Objectives





COURSE Objectives

Summary of the main learning outcomes for students enrolled in the course.

- To know the basic ENT anatomy and physiology.**
- To recognize assessment and management of common ENT diseases, include ability to obtain patients' history, perform comprehensive physical and mental status assessment, interprets findings**
- To know how to handle common ENT emergencies.**
- To handle simple ENT diagnostic instruments.**
- To be aware of common ENT operations.**
- To create an interest for further post-graduate study in ENT.**
- Enable to acquire and practice the code of medical ethics and demonstrates good and ideal attitude towards patients and their families, with the colleagues and other Staff and Sectors**
- To learn not only the theoretical and clinical aspects of the course but to mold as an ideal instruments in the line of medical profession includes communication and inter-relationship with colleagues and other Staff**

Theoretical and Practical Activities in ORL COURSE 432

ACTIVITIES	OUTLINE
<ul style="list-style-type: none"> Theoretical Activities (page 4-7) 	1. Lectures
<ul style="list-style-type: none"> Practical Activities (page 10) 	<p>a. Clinics: (Out-Patient Clinic (Consultants); Primary Clinics) Main objectives:</p> <ul style="list-style-type: none"> - Examination for selected patients. - Assessment and planning management of ENT patients. <p>(2) Post and Pre-Operation Round: Main objectives: Pre-operative and post-operative assessment and management of ENT patients.</p> <p>(3) Operation Room: Main objectives: Discussion of common indications, procedures and possible complications of common ENT Surgeries.</p> <p>(4) Communication and Swallowing Disorders Unit: Main objectives: Observation and discussion of common speech , communication and swallowing cases and diseases.</p> <p>(5) Audiology Unit: Main objectives: Observation and discussion of audiological investigations</p>

Lectures

1st WEEK LECTURE			
DAY/DATE(DMY)	TIME	SUBJECT	LECTURER
SUN 18-9-16	11:00 - 12:00	ORIENTATION orientation of the ORL 432course and the exams, ENT history and examination(in brief)	DR. AIESSA
	12:30 - 1:30	Ear I anatomy physiology of the ear, gross anatomy of the external, middle and inner ears, nerve supply and earache(in brief), physiology of hearing and balance.(function of the Eustachian tube in brief)	DR. FARID
	1:30 - 2:30	Ear II diseases of external ear and acute otitis media, congenital anomalies of the external ear (in brief), (protruding ear, preauricular sinus microtia and atresia), wax, ear wash, otitis externa (classification and management), acute otitis media (in detail) and recurrent acute otitis media	DR FARID
TUE 20-9-16	8:00 - 9:00	Ear III chronic otitis media and middle ear operation, classification of chronic otitis media, Otitis Media Effusion, adhesive Otitis Media, Chronic suppurative otitis media - types and management, ear operation in brief (myringotomy, tube, tympanoplasty and mastoidectomy)	PROF. SANOSI
	9:00 - 10:00	Ear IV complication of acute & chr. OM, classification (extra cranial,cranial(temporal) & intracranial), (in detail acute mastoidectomy& management)	PROF. SANOSI
	10:15 - 11:15	Audiology PTA, tympanometry and impedance (speech & ABR in brief), vestibular tests in brief	DR. MURAD
	11:30 - 12:30	Vertigo causes of vertigo (acute & chr. labyrinthitis, Meniere's disease, vestibular neuritis, positional vertigo,etc), investigation of a dizzy patient (in short)	PROF. HAGR
	12:30 - 1:30	Deafness conductive hearing loss (causes and management), (otosclerosis in brief),Sensorineural hearing loss (congenital and acquired) presbycusis etc...management of SHNL (in brief) (hearing aids and cochlear implant in brief)	PROF. HAGR
WED 21-9-16	8:00 - 9:00	Nose I anatomy & physiology of nose & paranasal sinuses, anatomy -external nose & nasal cavity, paranasal sinuses, (blood supply, (nerve supply) in brief), function - nose & paranasal sinus, congenital anomalies (in brief) (choanal atresia)	DR. OULAH
	9:00 - 10:00	Nose II acute & chronic rhinitis, allergic & non-allergic rhinitis, vestibular & furunculosis, nasal polyps (allergic & antrochoanal)etc, radiology illustration(e.g.CT scan)	DR. OULAH
	10:00 - 11:00	Nose III acute & chronic sinusitis(causes,clinical & management), fungal sinusitis (in brief),complication - sinusitis (classification, management & with special attention to orbital complications, investigation & general treatment), radiology illustration	DR. ALROMAH
	11:00 - 12:00	Nose IV diseases- nasal septum (DNS etc.),epistaxis (causes, clinical & mngt), turbinate hypertrophy, nasal operations(FESS, septoplasty, turbinate surgery) in short.	DR. ALROMAH
	12:00 - 1:00	Facial Nerve anatomy (course and branches), causes of facial palsy (including Bell's palsy , middle ear complication, traumatic and Ramsy Hunt's syndrome)	DR. HARETHY

Lectures

2nd Week Lecture			
DAY/DATE(DMY)	TIME	SUBJECT	LECTURER
SUN 25-9-16	8:00- 9:00	Head & Neck I A) Neck masses- intro, anatomy, diagnosis, differential diagnosis, examples B)Thyroid- anatomy, thyroid nodule eval, thyroid cancer, surgery & complications	PROF. KHALID
	9:00 - 10:00	Head & Neck II A)Salivary glands, anatomy, physio. (in brief),infection, autoimmune&tumours B)Tumour of oral cavity, Introduction, Pre-malignant lesion, Leukoplakia etc.,malignant lesion , SCCA	PROF. KHALID
	10:00 - 11:00	Head & Neck III A)Tumour of pharynx, Nasopharyngeal ca, Oro & hypopharyngeal ca, B)Tumour of larynx, Intro., laryngeal papillomatosis, ca larynx	PROF. KHALID
	11:00 - 12:00	Larynx I ana.& physio. - larynx, gross anatomy, blood & nerve supply, congenital diseases - larynx (in brief), (laryngomalacia, web, subglottic stenosis & hemangioma), benign swelling larynx (Singer's nodule, polyps, granuloma, J.L. papillomatosis)	DR. MOHAZE
	12:00 - 1:00	Larynx II acute & chr. laryngitis, specific & non-specific laryngitis (acute epiglottitis, croup), laryngeal paralysis (unilateral and bilateral)	DR. MOHAZE
TUE 27-9-16	8:00 - 9:00	Pharynx I anatomy of the pharynx and deep neck spaces (retro and parapharyngeal), physiology (function of pharynx in brief), acute and chronic pharyngitis (non-specific and specifec) e.g scarlet fever, infectious monoliasis, fungal, Vincent angina, diphtheria, Zenker diverticulation (in brief)	DR. AIROQE
	9:00 - 10:00	Pharynx II adenoid & tonsil diseases, complication -pharyngeal diseases (Quinsy, para&retropharyngeal, Ludwig's angina)+Radio. illustrations),adenotonsillectomy (indications,compl&mngt), differential diagnosis of membranous tonsil.(in brief	DR. AIROQE
	10:00 - 11:00	Comm. & Swallowing I Physiology of swallowing, swallowing disorders, GERD	DR.FARAHAT
	11:00 - 12:00	Comm. & Swallowing II Voice disorder, language disorder, speech disorder	DR.FARAHAT
WED 28-9-16	9:00 - 10:00	Airway Obstruction I causes of airway obstruction (congenital and acquired), signs and symptoms	PRO. AMMAR
	10:00 - 11:00	Airway Obstruction II investigation of airway obstruction, radiology illustration, medical and surgical treatment, operations (indication, procedure and complication) tracheostomy, cricothyroidectomy, intubation, choanal atresia repair etc..	PROF AMMAR
	11:00 - 12:00	Trauma & Foreign Body I trauma to auricle (laceration&hematoma), tympanic membrane- traumatic perforation, FB ear, fracture temporal bone, nose trauma , fracture nasal bone, septal hematoma, septal perforation, FB nose, blow-out fracture, all with (radiological illustrations)	PROF.YOUSRY
	12:00- 1:00	Trauma & Foreign Body II F.B. pharynx and esophagus, trauma to larynx (in brief), F.B. tracheo-bronchial tree, Radiological illustration	PROF.YOUSRY

COURSE STRUCTURE

- **1st Cycle**

- Division I
- Division II

Male

5 Weeks
5 Weeks

- **2nd Cycle**

- Division I
- Division II

Female

5 Weeks
5 Weeks

- **3rd Cycle**

- Division I
- Division II

Male

5 Weeks
5 Weeks

Note that at its 11th week of each Cycle will be the examination days –Written (MCQ, SAQ) and Oral (OSCE)

- **Failures : Summer Course** 4 weeks

STUDENT' S GROUPING

GROUP 1	GROUP 2
<p>-ENT - FIVE WEEKS</p> <p>- 5 DAYS / WEEK</p> <p>Subgroups 6: A, B, C, D, E, F.</p>	<p>-OPHTHA - FIVE WEEKS</p> <p>- 5 DAYS / WEEK</p> <p>Subgroups 6: A, B, C, D, E, F.</p>



ACTIVITIES

- **ACADEMIC ACTIVITIES**

- Lectures

First TWO WEEKS

- **CLINICAL ACTIVITIES**

- Clinics

- Rounds (Pre & Post Operation)

- Operative session

- Communication Disorders

- Audiology

ACTIVITIES

- **ACADAEMIC ACTIVITIES**
- **Lectures:**
- Theoretical aspects
- Building 4 (level II /III) For Male Students.
- First two weeks
- From 8 AM – 4 PM
- The WHOLE Group



CLINICAL ACTIVITIES

- How to Examine ear, nose, throat, head & neck
- Common ENT symptoms & signs



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- **CLINICAL ACTIVITIES**
 - **I. CLINICS**
 - **II. ROUNDS (Pre and Post-Op)**
 - **III. OPERATIVE SESSION**
 - **IV. AUDIOLOGY**
 - **V. COMMUNICATION DISORDERS (SPEECH)**



CLINICAL ACTIVITIES

- **I. CLINICS**

- History taking
- Examination
- Building I – Clinic 1, 2 , 3 n& 4 :Ground floor- Level 1 (New avenue will be announced later)
Clinic 4: Building 5 - primary care 3rd floor.



CLINICAL ACTIVITIES

- **II. ROUNDS**
- Building I : 5th & 7TH floor
- Pre-operative rounds
- Discussion of diseases, complications, outcome



CLINICAL ACTIVITIES

- **III. OPERATIVE SESSIONS**
- To see common surgical procedures
- Building I , 2nd floor

CLINICAL ACTIVITIES

- **IV. AUDIOLOGY**
- Audiology & Vestibular tests
- Audiometry reading
- Building 5- Ground floor ,
(New avenue will be announced later).





CLINICAL ACTIVITIES

- **IV. COMMUNICATION DISORDERS
(SPEECH DISORDERS)**
- Observe voice disorders
- Building 5- second floor (new avenue will be announced later)

Clinical Programme
 ORL 432 Course, Male Medical Students
 3rd Cycle, 1s Set / Academic Year 1436-1437 (2015-2016)

DAY	DATE		MORNING							AFTERNOON							GROUPS																																																																																																																																																						
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MON	6/5/1437	15/2/2016																																																																																																																																																																					
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WED	29/5/1437	9/3/2016																																																																																																																																																																					
THU	1/6/1437	10/3/2016	MCQ-use pencil No.2@8:00am /SAQ(use ballpen)@9:15am-Level 2 (1st Set);Level 3(2nd Set)														GROUP I 3rd Week																																																																																																																																																						
THU	14/7/1437	21/4/2016																																																																																																																																																																					
WED	20/7/1437	27/4/2016	(OSCE) oral @ 8:00 am, Bldg 5, Level 4, Room 404 -403														GROUP II 4th Week																																																																																																																																																						

Notes :

- Clinic: 1, 2, 3 (Bldg. 1, Level 1) look for the Head Nurse for clinic distribution; Clinic 4, PHC (Building 5, level 3)
- OR (2nd floor, Bldg.1): Audio (Ground floor,Bldg. 5); CSDU (2nd Fl. Bldg. 5)
- Ask the Nurse for Pre-Post Op

PRE OP - Group I - Thursday at 1:00pm in 5A-7A
 Group II - Sunday 12:30 pm in 5A-7A
 Group III - Monday 1:00 pm in 5A-7A
 Group IV -Wednesday 10:30 am in 5A-7A

Post Op - Monday at 9:00 am
 Post Op - Tuesday at 8:30 am
 Post op- Wednesday Group at 8:00 am

- Wednesday : 1 to 2 P.M. is the Department Clinical Meeting 4th floor, main building.
- Attendance sheet is with the staff in-charge of the corresponding clinic.
- Attendance sheet should be made for each session and duly signed by the staff in-charge of that session (e.g.) O.R.Clinic,Rounds,Enc.Studentsare not allowed to hold the attendance sheet.
- For O.R. present yourself to O.R. reception nurse before getting in the theatre for guidance&assistance
- ALL CLINICAL SESSIONS starts(Morning)starts at 8:00am-12noon (afternoon) starts at 1:00 to 4:30 pm
- Any inquiry pls call **SHATHA** ,Bldg 1, Level 4, Tel. No 4786100 extension 1429

RECOMMENDED TEXTBOOKS:

- Ear, Nose and Throat (New Edition) By: W. Becker (published by Thieme) .
- Lecture Notes of Diseases of Ear, Nose and Throat (New Edition) By: P. Bull (published by Blackwell Science) .
- PBL in ORL Problem Based Learning in Otorhinolaryngology .By: Prof.Hajr

Dr.Mohammed AlEssa
 Director,Undergraduate Unit

ATTENDANCE

- **Lectures (40%)**

- 26 lectures

- e.g. 1

$26 \times 40 = 1.54\%$ per lecture

- **Clinical Session (60%)**

- 14 sessions (7days : am & pm)

- e.g. 1

$14 \times 60 = 4.29\%$ per session

ATTENDANCE

- **20 % WARNING**
 - 1 full day lecture (5 lectures)
 - 1 & 1/2 days clinical activities
- **25 % - No EXAMINATION**
 - 1 & 1/2 full day lecture; (8 lectures)
 - 1 & 1/2 days clinical activities

EXAMINATION

11th Week of each Cycle

- 10 Marks - Clinical assessment
(on the practical/clinical session/course)
- 30 Marks – multiple choice question (MCQ)
- 40 Marks - Short answer questions (SAQ)
- 20 Marks - OSCE – Oral



Multiple choice question

- Case scenario

- Lead in question ?
- Answers

- A 40-year-old male presented to the emergency room complaining of fever, dysphagia, drooling of saliva and submandibular swelling for 3 days. He had a tooth extraction one week earlier. Examination showed bilateral indurated diffuse swelling involving the submandibular and the sublingual regions with elevation of the floor of the mouth

What is the most likely diagnosis?

- A. Calculus sialadenitis
- B. Cervical lymphadenitis
- C. Ludwig's angina
- D. Vincent angina



Short answers question (SAQ)

- A 34-year-old patient who is complaining of hoarseness for 6 months.

- A) What is the diagnosis?
- B) What are the two main lines of management?



Complaints From Students

- Complaints concerning lectures, clinical activities, attendance & examination should be put in **writing** and forwarded to the Undergraduate Director.





Thank you