



كلية الطب
وحدة ضمان الجودة



Faculty of Medicine
Quality Assurance Unit

Template for Activities book

"ممارسة الأنشطة"
اللازمة لحصول المتدرب على درجة الماجستير في
طب السمع والإتزان 2022-2023



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بيانات شخصية عن المتدرب



Name.....

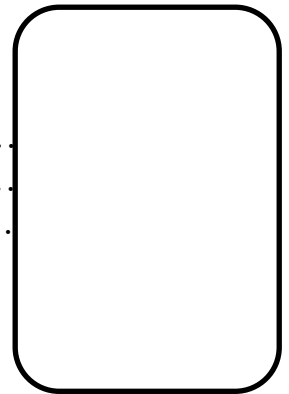
Date of birth.....

Address.....

Place of work.....

Telephones..... Mobile phone(s).....

E mail.....



Name of hospital	Period of work	Hospital director signature

Academic Information

MBBCh...../...../..... University Grade

Grade of Internal Medicine course on graduation

Others...../...../..... University

...../...../..... University.



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*** Aim of the activities book**

To provide one source of evidence for the assessment committee that you attained the desired level of competency required to gain the award.

In this book you will document all clinical, academic and other experiences and skills you attained during your training.

Sections of the book

For each module / course / rotation

You should fill the following sections:-

A- Clinical case log

- 1- You will first find list with all required cases in the concerned module and the minimum number of cases you must get exposed to and level of participation you should achieve for each type of cases.
- 2- You should record all clinical cases in the module and each case should be signed by you trainer.



الأماكن التي تدرب بها

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2- Clinical case presentation log

Record the cases related to the module that you have presented in a seminar of the activity.

3- Procedures / operations log

- 1- You will find a list for required procedure, diagnostic – therapeutic operations and level of desired performance you should achieve at the end of training.
- 2- You will find empty tables to write down the procedure, you level of participation and date and signature of supervisor.

4- Rotation / attendance proof

You should have evidence of achievement the required training hours within each module.

For the whole program fill the following sections.

1- Academic activities

- A- Document all academic activities e.g. lecture, journal clubs, workshops, conference, services attended. This documentation should include the level of participation " attendance, preparation, presentation,....."

2- Academic achievements

- A- Document all outcomes you achieved in the field of:-

- Audit participation
- Research "clinical trial" participation.
- Evidence- based medicine "generation of guidelines" protocols
-

3- Formative assessment log

- This document all types of formative assessment attended e.g.:-

- Mini clinical examination
- Quiseses.

The purpose of this curriculum is to describe the training system in Audiological Medicine. The training system ultimately aims to provide



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Program aims

2/1-the patient with a doctor trained as an attentive listener, a careful observer, an effective communicator and a knowledgeable and capable clinician. The curriculum describes the competencies required to be registered as a Specialist in Audiological Medicine. The specialist will be able to work as a consultant specialist within the National Health Service in Pediatric and Adult Audiological (or Audiovestibular) Medicine and will have the knowledge, skills and attitudes required to provide a high standard professional service in the specialty.

After completing audiological medicine training, the curriculum will have prepared the doctor to:

- Practice audiological medicine to a high level of competency
- Continue with their continuing professional development
- Engage with appraisal and revalidation
- Review their practice in the light of Good Medical Practice
- Identify their learning needs and goals to develop further specialized

Curriculum Structure:

Duration of program 36 months divided into

Program Structure

Program Time Table

Duration of program 3 years maximally 5 years divided into



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○ Part 1

Program-related Basic Science courses and ILOs + elective courses

Students are allowed to set the exams of these courses after 12 months from applying to the M Sc degree.

○ Thesis

For the M Sc thesis;

MSc thesis subject should be officially registered within 6 months from application to the MSc degree,
Discussion and acceptance of the thesis should not be set **before 12 months** from registering the M Sc subject;

It could be discussed and accepted before passing the second part of examination)

○ Part 2

Program –related speciality courses and ILOs

Students are not allowed to set the exams of these courses before 3 years from applying to the MSc degree.

N.B. Fulfillment of the requirements in each course as described in the template and registered in the log book is a pre-request for candidates to be assessed and undertake part 1 and part 2 examinations.



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First Part

Academic activities of basic science courses

Practice with the academic and related clinical departments during first year

- Acoustics.
- Anatomy.
- Physiology.
- Medical statistics and Genetics.
- Psychiatric and Neurological diseases
- Principles of phoniatics.



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Course 1: Acoustics.

Requirements

- Credit points: 4 credit point.
- Attend at least 80% of didactic teaching (lectures, tutorial, and seminars).

Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
Acoustics	<u>4CP</u>	Audiovestibular medicine Unit /ENT Department	<u>40hours</u>	<u>100%</u>
	<u>2 C.P</u>		<u>20 hours</u>	<u>50%</u>
	0.2CP		1- Logs, exponential, trigonometric functions and the decibel.2h	5%
	0.15CP		2- Concepts of inertia, stiffness and friction.1.5h	3.75%
	0.15CP		3- Basic calculations with kinetic and potential energy.1.5h	3.75%
	0.15CP		4- Wavelength in relation to sound and Standing waves.1.5h	3.75%
	0.15CP		5- The way sound waves and transverse waves propagate and phenomena of sound.1.5h	3.75%
	0.15CP		6- Room acoustics.1.5h	3.75%
	0.15CP		7- Physical characteristics of sound.1.5h	3.75%
	0.15CP		8- Common wave form types.1.5h	



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	0.15CP		9–frequency scale & its relation to pitch: the octave, half tone & tone. <i>1.5h</i>	3.75%
	0.15CP		10-The Hertz, the power scale and its relationship to intensity: definition of the bel and decibel. <i>1.5h</i>	3.75%
	0.15CP		11-sound pressure level (SPL) and hearing level (HL). <i>1.5h</i>	3.75%
	0.15CP		12 - The theory of Fourier transformation. <i>1.5h</i>	3.75%
	0.15CP		13–Principles of acoustic calibration. <i>1.5h</i>	3.75%
	<u>2CP</u>		<u>20 hours</u>	<u>50%</u>
	0.2CP for each topic		1–Sound field measurement <i>2h</i> . 2–Equal loudness <i>2h</i> . 3–Binaural hearing <i>2h</i> . 4–Masking release <i>2h</i> . 5–Loudness / Pitch / Timbre <i>2h</i> . 6–Frequency selectivity <i>2h</i> . 7–Loudness recruitment <i>2h</i> . 8–Types of filters <i>2h</i> . 9–Types of microphones <i>2h</i> . 10–Stimuli used in Auditory Evoked Potential <i>2h</i> .	5% for each topic
Student signature			Principle coordinator signature	Head of the department signature





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Course 2: Anatomy

Requirements

- Credit points: 1 credit point.
- Attend at least 80% of didactic teaching (lectures, tutorial, and seminars).



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Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
Anatomy	<u>1C.P</u>	Anatomy Department	<u>10 hours</u>	<u>100%</u>
	<u>0.6CP</u> <i>0.15CP for each topic</i>		<u>6 hours</u> <i>1.5 hour for each topic</i> 1-Embryology of the ear 2-Anatomy of the ear 3-Auditory pathway 4-Neural connection of the vestibular pathway	<u>60%</u> 15% for each topic
	<u>0.4CP</u> <i>0.1CP for each topic</i>		4 hours 1-Cranial nerves 7, 8 <i>1h.</i> 2-Mastoid antrum <i>1h.</i> 3-Palate <i>1h</i> 4-Blood supply of the brain <i>1h.</i>	<u>40%</u> <i>Each represent 10%</i>
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Course didactics

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Course 3: Physiology

Requirements

- Credit points: 1 credit point.
- Attend at least 80% of didactic teaching (lectures, seminars, tutorials).

Name of the course	Credit points	Responsible department	Attendance	percentage of Achieved points
Physiology	1CP	Medical Physiology Department	10 hour	100%
	<u>0.5CP</u> 0.3CP		<u>5 hours</u> - Physiology of hearing 3h	<u>50%</u> 30%
	0.2CP		- Theories of hearing 2h	20%
	<u>0.5CP</u> 0.25CP		<u>5 hours</u> - Physiological aspects of Central Auditory Processing 2.5h	<u>50%</u> 25%
	0.25CP		- Physiology of central and peripheral vestibular system 2.5h	25%
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Course 4: Medical statistics & Genetics

Requirements:

- 2 credit points
- It is divided into 2 modules (units):
 - Module 1: Medical statistics.
 - Module 2: Genetics.
- Attend at least 80% of didactic teaching.



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Course4; module1: Medical statistics

Requirements

- Credit points: 1 credit point.
- Attend at least 80% of didactic teaching (lectures, tutorials, seminars).

Name of the unit	Credit points	Responsible department	Attendance	percentage of Achieved points
Medical Statistics	1CP	Public health and community medicine	10 hours	100%
	<u>0.5CP</u>		<u>5 hours</u>	<u>50%</u>
	0.1CP		-Overview of statistics 1h	10%
	0.1CP		-Introduction to statistics and study design; 1h	10%
	0.1CP		-Reliability and validity; presenting data 1h	10%
	0.1CP		-Measures of centre and spread. 1h	10%
	0.1CP		-The normal distribution curve. 1h	10%
	<u>0.5CP</u>		<u>5 hours</u>	<u>50%</u>
			-Confidence intervals;	



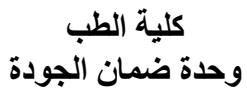
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	0.1CP		one sample t-tests;2 sample tests, Non parametrics; more than 2 groups 1h	10%
	0.1CP		-Analyzing proportions; 1h	10%
	0.2CP		-Sample size Regression/Progression 2h	20%
	0.1CP		-Correlation; more than 2 groups 1h.	10%
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Course 4; Module 2: Medical Genetics

Requirements

- + Credit points: 1 credit point.
- + Minimal rate of attendance is 80% of didactic teaching.



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Name of the unit	Credit points	Responsible department	Attendance	Percentage of Achieved points
Genetics	1C.P/0.1CP for each	Audiovestibular medicine unit	10 hours/1h for each topic	100%
	0.1CP		-Cell division	10% for each
	0.1CP		-Chromosomal basis of hereditary.	
	0.1CP		-Chromosomal abnormalities.	
	0.1CP		-Syndromes including hearing loss.	
	0.1CP		-Genetic basis of hereditary including DNA, RNA.	
	0.1CP		-Modes of Inheritance.	
	0.1CP		-Multifactorial inheritance.	
	0.1CP		-Hereditary hearing loss.	
	0.1CP		-Prevention of genetic disorders.	
	0.1CP		-Syndromes related to hearing loss and ear anomalies	
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Course 5: Psychiatric and Neurological diseases

Requirements

- **Credit points:** 3credit points [1.8 CP for neurological disorders (60%) & 1.2CP for psychiatric disorders(40%)] for didactic teaching and 6-credit points for training ;4.75CP for neurology training and 1.25 cp for psychiatry training.
- Minimal rate of attendance 80% of didactic and training.



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Name of the course / unit	Credit points	Responsible department	Attendance	Percentage of Achieved points
Neurological and Psychiatric diseases	3CP	Neurology and Psychiatry Department	30 hours	100%
	1.8CP		18 hours	60% of total
Unit 1 ; Neurological diseases	<u>1.2CP</u>		<u>12 hours</u>	<u>66.7% of didactics unit</u>
	0.3CP		- Neurological examination 3h.	16.75%
	0.25CP		-Cerebrovascular stroke 2.5 h.	13.9%
	0.1CP		-Hemiplegia 1h	5.55%
	0.1CP		-Demyelinating diseases 1h	5.55%
	0.1CP		-Headache and migraine 1h.	5.55%
	0.2CP		-Epilepsy including Temporal lobe epilepsy 2h.	11.1%
	0.15CP		- Peripheral neuropathy 1.5h.	8.3%
	<u>0.6 CP</u>		<u>6 hours</u>	<u>33.3% of didactics unit</u>
	0.1CP		-Increase Intracranial tension 1hour	5.55%
	0.15CP		-Space occupying lesion: (Brain tumors 1.5hour	8.3%
	0.05CP		-Cerebellopontine angle tumor CPA Lesions 0.5h)	2.8%
	0.15CP		-CNS infection 1.5h; (Meningitis& Encephalitis)	8.3%
	0.075CP		-Speech and Articulation 0.75h.	4.16%
	0.075CP		-Gait disorders 0.75h.	4.16%



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Unit 2 ; Psychiatric diseases	1.2CP	Neurology and Psychiatry Department	12hours	40% of total course
	<u>1.2CP</u>		<u>12hours</u>	<u>100% of unit</u>
	0.15CP		*Perception and its disorders <i>1.5h</i>	12.5%
	0.15CP		*Sensory deprivation (including auditory hallucination) 1.5h.	12.5%
	0.1CP		*Somatoform disorders. 1h	
	0.1CP		*Dissociative disorders .1h.	8.3%
	0.1CP		*Circadian rhythms.1h.	8.3%
	0.1CP		*Schizophrenia. 1h.	8.3%
	0.1CP		*Mood disorders. 1h.	8.3%
	0.1CP		*Psychological manifestations and complications of hearing loss in children and adult 1h.	8.3%
	<u>0.3CP</u> (0.075CP for each topic)		*Child psychiatry <u>3h;</u> -Autism 0.75h -Mental retardation.0.75h -A.D.H.D.0.75h -conduct disorders.0.75h	<u>25%</u> each topic =6.25%
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Name of the course training	Credit points	Responsible department	Attendance& Activities	Percentage of Achieved points
Neurological and Psychiatric diseases	6CP	Neurology and Psychiatry Department	6wks/180h training	100%
Unit 1; Neurological diseases	2CP		- Attend and practice in the Neurology and Psychiatry Department with clinical cases as mentioned below in case log including history case taking	33.3%
	1CP		-Attend at outpatient clinic of neurology for 4h/day of at least 8 outpatient clinic	16.7%
	0.75CP		- Attend at least 12 clinical rounds (2h/day; once or twice/weekly) with staff members in neurology units.	12.5%
	1 CP		- Attend at least 15 clinical teaching (2h/day; once or twice/weekly) for post or undergraduate neurology teaching.	16.7%
Unit 2; Psychiatric diseases	0.25CP		- Attend and practice in the department- psychiatry unit with cases as mentioned below in case log including Psychiatric interview	4.2%
	0.5CP		Attendance of at least outpatient clinic of psychiatry at least 8 outpatient clinic(2h/day)	8.3%
	0.5CP		Attend in psychiatry unit of at least 15 clinical teaching(1h/day/wk) for post or undergraduate psychiatric teaching	8.3%
Student signature			Principle coordinator Signature	Head of the department signature



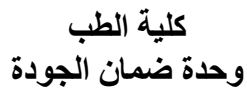
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Case log& history case taking

Case diagnosis	Case number
<ol style="list-style-type: none">1. Cerebrovascular stroke.2. -Hemiplegia3. -Demyelinating diseases4. -Headache and migraine5. - CNS infection (Meningitis& Encephalitis).6. -Speech disorders.7. -Gait disorders.	Four cases for each
<p><u>Psychiatric interview for</u></p> <ol style="list-style-type: none">8. Mood disorders9. Psychotic disorders10.- Anxiety disorders	Two cases for each



A-Clinical case log

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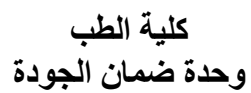
* Level of participation

A- Carry out **independently**.

B- Carry out under supervision

C- Observe.



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Outpatient clinic Neurology and Psychiatry

	Date	Signature of supervisor		Date	Signature of supervisor
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Outpatient clinic Neurology and Psychiatry

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Clinical round Neurology and Psychiatry

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Clinical round Neurology and Psychiatry

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Clinical teaching Neurology and Psychiatry

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Clinical teaching Neurology and Psychiatry

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Course 6: Principles of Phoniatics

Requirements

- **Credit points:** 3 credit points for didactic (lectures, seminars, tutorial) and 4 CP points for training. Total credit points: 7CP.
- + Minimal rate of attendance 80% of didactic and training.



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Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
Principles of Phoniatrics	3CP	Phoniatrics unit	30 hours	100%
	0.75CP		1-Introduction : definition of communication, Language, Speech and voice 7.5h	25%
	0.75CP		2-Language structure : 7.5h - Articulatory phonetics - Acoustics of speech sounds : *Vowels *Consonants	25%
	0.45CP		3-Prerequisites of language development 4.5h	15%
	1.05CP		4-Delayed language development 10.5h *Causes *Diagnosis *Management : especially rehabilitation of hearing impairment	35%
Student signature			Principle coordinator Signature	Head of the department signature



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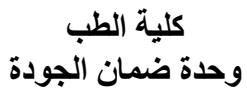


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Training requirements:

The candidate should be trained in phoniatic unit for 120h upon how to diagnose cases of Delayed language development, Autism and what is their management, also to know how psychometry is done

Name of the Course training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Principles of phoniatics	4CP	phoniatics unit	4weeks/120Hrs	100%
	2CP		-Attend out patient clinic of phoniatics at least 5 hrs/day, three days / week for at least 4 wk and registerate clinical cases in case log.	50%
	0.75 CP		-Attend at least(1.5-2 hr). once/wk.; the seminars in the phoniatics Unit, for at least 11 weeks	18.75%
	1 CP		-Attend clinical postgraduate teaching in phoniatics unit once/wk. for at 10 weeks.	25%
	0.25 CP		Formative assessment	6.25%
Student signature			Principle coordinator Signature	Head of the department signature





Didactics

[illegible]



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Seminar

Date	Topic/ diagnosis	Participation	Signature

A- Presentation.

B –Participation.

C - Attendance



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Post graduate clinical teaching

Date	Topic/ diagnosis	Participation	Signature

A- Presentation.

B –Participation.

C - Attendance



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Outpatient clinic

	Date	Signature of supervisor		Date	Signature of supervisor
1			2		
3			4		
5			6		
7			8		
9			10		
11			12		
13			14		
15			16		
17			18		
19			20		
21			22		
23			24		
25			26		
27			28		
29			30		
31			32		
33			34		
35			36		
37			38		
39			40		
41			42		
43			44		
45			46		
47			48		



Case log

[illegible]

* Level of participation

A- Carry out independently.

B- Carry out under supervision

C- Observe



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B- Clinical case presentation log

H.N	Diagnosis of case	Level of participation *	Location	Signature of supervisor

* Level of participation

A- Presentation.

B -Participation.

C - Attendance



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COURSE	Signature
COURSE 1	
COURSE2	
COURSE 3	
COURSE 4	
COURSE 5	
COURSE 6	
Coordinators program	
Director of program	

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Quality Assurance Unit

Speciality course

Course 7: Audiology (Audiology medicine and rehabilitation)

Requirements

- **Credit points:** 24 credit point for didactic (lectures, seminars, tutorial) and 110 credit point for training.
- ✚ Minimal rate of attendance 80% of didactic and training.



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	%	Year level	Didactic CP	Training CP (1 st + 2 nd part)	Total
Module (1) Pediatric Audiology medicine (disorders and audiometry)	20.15%	1,2,3	5	22(4+18)	27
Module (2) Adult Audiology medicine (disorders and audiometry)	20.15%	1,2,3	5	22(4+18)	27
Module (3) Vestibular medicine	14.18%	1,2,3	4	22(2+20)	26
Module (4) Audiological Rehabilitative medicine	17.91%	1,2,3	4	20(2+18)	24
Module (5) Hearing aids and cochlear implant	17.91%	1,2,3	4	20(2+18)	24
Module (6) Ear- Nose and Throat surgery	9.7%	1,2	2	4(2+2)	6
Total 6 units (modules)	100%	1,2,3	24	110(14 + 96)	134

NB: There is overlap between didactics topics and required achieved in training skills as unit 1&2 and unit 4&5.

*- The required practical skills log & case log and procedures related to different units of specialized course for each year study that are mentioned below collectively in each year section later.



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Module1&2: Pediatric and Adult Audiology medicine (Audiology disorders and audiometry)

First year Didactics

Name of the Unit	Credit points	Responsible department	Attendance	Percentage of Achieved points
Unit: 1&2 Pediatric and Adult Audiology medicine	5CP	ENT surgery department/ Audiovestibular medicine unit	50 hours	20.8% of course didactics
	<u>0.475 CP for each topic</u>		<u>4.75 hours for each topic</u> 1-History taking& Calibration. 2-Puretone evaluation& Bone conduction threshold assessment. 3-Special test attery.?? 4-Speech Audiometry. 5-Clinical masking. 6-Tympanometry. 7-Acoustic reflex. 8-Free field audiometry. 9-play audiometry. 10-hearing loss in child	each subject = 9.5% of didactics unit (1&2)in year 1
	<u>0.25CP</u>		Formative assessment	5%
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**Module (1) Pediatric Audiology medicine (audiology disorders and audiometry)&
Module (2) Adult Audiology medicine (disorders and audiometry).**

In the first year

Name of the unit training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Unit 1&2: Pediatric Audiology medicine & Adult Audiology medicine.	8CP	ENT Surgery department/ Audiovestibular medicine unit	240 hours	100%
	5CP		-Attend out patient clinic of Audiology; 5hrs/day, three days / week for at least 10 weeks and fulfilling the required skills& cases and procedure log.	62.5% of training units in 1 st year
	1CP		Attend clinical conference and seminars for the cases discussion with the staff member in the Audiology unit in conferences and seminars settings for at least 2 hrs/day. once/wk. for at least 15 weeks	12.5% of training units in 1 st year
	1CP		Attend clinical postgraduate teaching in department including ENT & Audiology UNIT ; 2h/day , once/wk. for at least 12 wk = i.e. 30 % clinical teaching sittings.	12.5% of training units in 1 st year
	1CP		Formative assessment	12.5% of training units in 1 st year
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Module1&2: Pediatric and Adult Audiology medicine 2nd and 3rd year didactics

Name of the Unit	Credit points	Responsible department	Attendance	Percentage of Achieved points
Unit: 1&2 Pediatric and Adult Audiology medicine	5CP	Audiovestibular medicine unit	50 hours <u>4.75 hours for each topic</u> 1-Introduction to auditory evoked potential. 2Electrocochleography. 3-Auditory brainstem response 4-Auditory Steady State Response 5-Middle Latency Auditory Evoked Potential 6-Cortical Event-related Potential to Auditory stimuli 7-Central Auditory processing& Management of Central Auditory Processing Disorders. 8-Noise exposure and Hearing Conservation 9-Non organic hearing loss Hearing loss in the elderly. 10-Tinnitus and Hyperacusis	20.8% of course didactics <i>each subject = 9.50% of didactics unit (1&2)in year 2&3</i>
	<u>0.475CP for each topic</u>			
	<u>0.25CP</u>		-Formative assessment	5%
Student signature			Principle coordinator signature	Head of the department signature



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2nd year training

Name of the unit training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Unit: 1&2: Pediatric Audiology medicine & Adult Audiology medicine.	18CP	ENT Surgery department/ Audiovestibular medicine unit	540 hours	100%
	<u>10CP</u>		300h /10wks	<u>50.55% of training units in 2nd year</u>
	4CP		-Attend outpatient clinic for 4hrs/day, twice weekly for at least 15 weeks and fulfilling the required skills& cases and procedure log.	22.2%
	6CP		- Attend Auditory Evoked Potential unit for 5hrs/day, twice weekly for at least 18 weeks, and fulfilling the required skills& cases and procedure log.	33.3%
	<u>4CP</u>		-Attend cases discussion with the staff member in Audiology unit at least 1 hr/day-twice/wk. for at least 30 weeks including seminars and conferences 2hrs/week for at least 30 weeks	22.22% of training units in 2 nd year
	<u>2</u> <u>±</u> <u>2</u>			
	3CP		- Attend clinical postgraduate teaching in department including ENT & Audiology UNIT once/wk. for at least 22 wks 30 % clinical teaching.	16.66% of training units in 2 nd year
	1CP		-Formative assessment	5.55%
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3rd year training

Name of the unit training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Unit: 1&2: Pediatric Audiology medicine & Adult Audiology medicine.	18CP	ENT Surgery department/ Audiovestibular medicine unit	540 hours	100%
	<u>10CP</u>		<u>300h /10wks</u>	50.55% of training units in 3 rd year
	4CP		-Attend outpatient clinic for 4hrs/day, twice weekly for at least 15 weeks and fulfilling the required skills& cases and procedure log.	
	6CP		- Attend Auditory Evoked Potential unit Auditory brainstem response (ABR)& otoacoustic emission (OAE) unit for 5hrs/day, twice weekly for at least 18 weeks and fulfilling the required skills& cases and procedure log.	22.22% of training units in 3 rd year
	<u>4CP</u>		-Attend cases discussion with the staff members in Audiology unit at least 1 hr/day-twice/wk. for at least 30 weeks including seminars and conferences 2hrs/week for at least 30 weeks and registrate discussed cases.	
	<u>2</u> <u>±</u> <u>2</u>		- Attend clinical postgraduate teaching in department including ENT & Audiology UNIT once/wk. for at least 22 wks at least 30 % clinical teaching.	16.66% of training units in 3 rd year
	3CP		-Formative assessment	5.55%
Student signature	1CP		Principle coordinator Signature	Head of the department signature



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Quality Assurance Unit

Module (3): Vestibular medicine in the First year didactics

Name of the Unit	Credit points	Responsible department	Attendance	Percentage of Achieved points
Module (3): Vestibular medicine	1CP	ENT Surgery department/ Audiovestibular medicine unit	<u>10 hours</u> 1-Clinical neurophysiology of the vestibular system (Anatomy & Physiology) 5h.	4.2% of didactic course
	0.5CP for each		2-Evaluation of patients with dizziness and balance disorders. 5h	each topic= 50% of didactics unit in year 1
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Quality Assurance Unit

Module (3): Vestibular medicine in the First year training.

Name of the unit training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Module (Unit)3; Vestibular medicine	2CP	Audiovestibular medicine unit	30hours	100%
	1 CP		-Attend out patient clinic of Audiology related to vestibular disorders for at least 1hr/day /three days / week for at least 5 wks and fulfilling the required skills & case and procedure logs.	50% of unit training in year1
	0.8CP		Attend clinical postgraduate teaching in department including ENT & Audiology units 1.5 hr- once/wk for at least 5 weeks or at least 30 % clinical teaching.	40% of unit training in year1
	0.2CP		Formative assessment	10%
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Module (3): Vestibular medicine in the 2nd and 3rd year didactics

Name of the Unit	Credit points	Responsible department	Attendance	Percentage of Achieved points
Module 3; Vestibular medicine	3CP	Audiovestibular medicine unit	<u>30 Hours</u>	<u>100% of didactics unit in year 2&3</u>
	0.25CP		1-Electronystagmography2.5h.	8.3%
	0.2CP		2-Videonystagmography2h.	6.7%
	0.2CP		3-Causes and diagnosis of vestibular disorders2h.	6.7%
	0.25CP		4-Central versus peripheral vertigo2.5h.	8.3%
	0.2CP		5-Repositioning Techniques2h.	6.7%
	0.2CP		6-Nystagmus 2h.	6.7%
	0.2CP		7-Meniers Disease2h.	6.7%
	0.2CP		8-Benign Paroxysmal positional vertigo2h.	8.3%
	0.25CP		9-Office Balance Tests2.5h.	6.7%
	0.2CP		10-Vestibular rehabilitation Therapy2h	6.7%
	0.2CP		11-Intratympanic Injection2h	6.7%
	0.2CP		12-Rotational chair testing2h	6.7%
	0.2CP		13-Management of Dizzy Patients2h	8.3%
	0.25CP		- Formative assessment.	
Student signature			Principle coordinator signature	Head of the department signature



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Quality Assurance Unit

2nd year training

Name of the unit training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Module; Unit 3; Vestibular medicine	10CP	ENT Surgery department/ Audiovestibular medicine unit	300hours	100%
	5CP		-Attend Electronystagmography ENG clinic of Audiology for at least 3hrs/day, twice / week for at least 25 wks and fulfilling the required skills & cases and procedure logs.	50% unit training in year2
	2CP		-Perform bedside tests and repositioning techniques at audio logy unit with attendance for at 2hrs/day ,two days/week for at least 15 weeks and fulfilling the required skills & case and procedure logs.	20% of unit training in year2
	1CP		- Attend and perform training settings for the patients mentioned in case log below for at least 2 hrs. /wk. for 15 wks and fulfilling the required skills & case and procedure logs..	10% of unit training in year2
	1CP		Attend at least 30 % clinical postgraduate teaching in department including ENT & Audiology unit once/wk for at least 15wks	10% of unit training in year2
	1CP		Formative assessment	10% of unit training in year2
Student signature			Principle coordinator Signature	Head of the department signature



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3rd year training

Name of the unit training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Module (Unit)3; Vestibular medicine	10CP	ENT Surgery department/ Audiovestibular medicine unit	300hours	100%
	5CP		-Attend ENG clinic of Audiology unit for 3hrs/day, twice / week for at least 25 wk and fulfilling the required skills & case and procedure logs.	50% of unit training in year3
	2CP		-Perform bedside tests and repositioning techniques at Audiology unit for 2hrs/day ,two days/week for at least 15 weeks and fulfilling the required skills & case and procedure logs.	20% of unit training in year3
	1CP		- Attend and perform training settings for the patients mentioned in case log at Audiology unit for 2 hrs. /wk. for at least 15wks and fulfilling the required skills & case and procedure logs.	10% of unit training in year3
	1CP		- Attend clinical postgraduate teaching in department including ENT & Audiology unit once/wk. for at last 15wks or 30 % clinical teaching.	10% of unit training in year3
	1CP		Formative assessment	10%
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Module 4&5; Audiological Rehabilitative medicine& Hearing aids
First year didactics

Name of the Unit	Credit points	Responsible department	Attendance	Percentage of Achieved points
Module 4&5; Audiological Rehabilitative medicine&Hearing aids and cochlear implant	3CP	Audiovestibular medicine unit	30 hours	<u>100% of didactics units in 1st year</u>
	1.4CP		- Hearing aid technology (Components and basic controls) 14h.	46.7% of didactics in year 1 for each
	1.4CP		- Troubleshooting Hearing aids 14h.	
	0.2CP		- Formative assessment	6.7%
Student signature			Principle coordinator signature	Head of the department signature



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First Year training

Module (4&5) Audiological Rehabilitative medicine Module & Hearing aids and cochlear implant

Name of the unit training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Module 4&5; Audiological Rehabilitative medicine & hearing aids and cochlear implant	4CP	ENT Surgery department/ Audiovestibular medicine unit	120 hours	100%
	2CP		-Attend Hearing aid outpatient clinic of Audiology unit and perform evaluation of cases for at least 3hrs/day , once / week for at least 20 wks and registration of evaluating cases in case log.	50% of units training in year1
	1.5CP		-Attend postgraduate clinical teaching in department at ENT & Audiology unit once/wk for at least 30 % clinical teaching; 20wks.	37.5% of units training in year1
	0.5CP		Formative assessment	12.5% of units training in year1
Student signature			Principle coordinator Signature	Head of the department signature



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Module (4&5) Audio logical Rehabilitative medicine & Hearing aids and cochlear implant
2nd and third year didactics

Name of the Unit	Credit points	Responsible department	Attendance	Percentage of Achieved points
Module 4&5 ; Audiological Rehabilitative medicine&Hearing aids and cochlear implant	3CP	Audiovestibular medicine unit	<u>30 hours</u> 5.5h for each topic	each subject = 18.3% of didactics unit (4&5)in year 2 nd and 3 rd year
	0.55CP for each		1-Hearing aid fitting and verification in adults 2-Hearing aid fitting and verification in children 3-Counseling patients with hearing loss 4-Room Acoustics and Auditory rehabilitation Technology 5-Cochlear Implantation. - Formative Assessment	8.3%
	0.25CP			
Student signature			Principle coordinator signature	Head of the department signature



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**Module (4&5) Audiological Rehabilitative medicine& Hearing aids and cochlear implant
2nd Year training**

Name of the unit training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Module 4&5; Audiological Rehabilitative medicine& hearing aids and cochlear implant	18CP	ENT Surgery department/ Audiovestibular medicine unit	540 hrs	100% of training in year 2
	6CP		-Attend Hearing aid outpatient clinic in Audiology unit for at least 6Hrs/day, once / week for at least 30 wks and fulfilling the required skills & case and procedure logs.	33.33% of units training in year2
	3CP		- Attend clinical seminars and conferences in Audiology unit and Phoniatics unit for 3Hrs/week for at least 30 weeks and registration discussed cases.	16.66% of units training in year2
	5CP		- Perform training settings for patients mentioned in case login the 2 nd year for at least 5 hrs. /wk. for at least 30 wks and fulfilling the required skills & case and procedure logs. .	27.77% of units training in year2
	3CP		- Attend clinical postgraduate teaching in department including ENT & Audiology UNIT once/wk for at least 30 % of clinical teaching for 30wks.	16.66% of units training in year2
	1CP		Formative assessment	5.55%
Student signature			Principle coordinator Signature	Head of the department signature



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**Module (4&5) Audiological Rehabilitative medicine& Hearing aids and cochlear implant
3rd Year training**

Name of the unit training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Module 4&5; Audiological Rehabilitative medicine& hearing aids and cochlear implant	18CP	ENT Surgery department/ Audiovestibular medicine unit	540 hrs	100% of units training in year3
	6CP		-Attend Hearing aid outpatient clinic in Audiology unit for 6Hrs/day, once / week for at least 30 wks and fulfilling the required skills & case and procedure logs.	33.33% of units training in year3
	3CP		- Attend clinical seminars and conferences in Audiology unit and Phoniatrics unit for 3Hrs/week for at least 30 weeks	16.66% of units training in year3
	5CP		- Perform training settings for patients mentioned in case login the 2 nd year for at least 5 hrs. /wk. for at least 30 wks and fulfilling the required skills & case and procedure logs.	27.77% of units training in year3
	3CP		- Attend clinical postgraduate teaching in department including ENT & Audiology UNIT once/wk for at least 30 % of clinical teaching for 30wks.	16.66% of units training in year3
	1CP		Formative assessment	5.55%
Student signature			Principle coordinator Signature	Head of the department signature



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Module 6: Basics of ENT surgery first year training

Clinical training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Module6; Basics of ENT surgery	2 CP	ENT Surgery department	Attend and practice 2 WK IN ENT surgery or 60 Hrs for training of the following activities;	100% of training unit year1
	0.25 CP		- Practice with clinical cases in ENT surgery department for at least 1 wk with clinical cases and procedures and recording of these activities in logbook	12.5%
	1CP		Attend outpatient clinic for at least3 hrs/day ,for at least 1 5 outpatient clinic	50%
	0.5CP		Attend operative theatre at ENT Surgery department for at least 5 sessions and recording of operative procedures	25%
	0.25 CP		Attend seminars 1h/wk for at least 5 times	12.5%
Student signature			Principle coordinator Signature	Head of the department signature



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Module 6: Basics of ENT surgery didactics

Name of the unit	Credit points	Responsible department	Attendance	Percentage of Achieved points
Unit 6; Basics of Ear ,Nose and Throat surgery	<u>2CP</u> 0.1 C P for each	Audiovestibular medicine unit /ENT Department	<u>20hours(1h for each topic)</u> 1-Anatomy of the ear 2-Functions of the ear 3- Diseases of the auricle 4- Diseases of the external ear canal 5- Acute otitis media 6- Chronic non suppurative otitis media 7- Chronic suppurative otitis media 8- Complications of suppurative otitis media 9-Trauma to the middle ear 10-Otosclerosis 11-Tumours of the middle ear 12-Meniers disease 13-Acoustic Neuroma 14-Facial nerve 15-Hearing loss,types and causes 16-Otalgia and otorrhea 17- Vestibular disorders 18- Tinnitus 19--Ear Operations 20-Adenoid and Adenoidectomy	<u>100%</u> 5% for each subject
Student signature			Principle coordinator signature	Head of the department signature



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The Clinical Training requirements to be achieved during attendance in ENT department:-year2 training

Clinical training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Module6;Basics of ENT surgery	2 CP	ENT Surgery department	2WKS/60 Hrs in the second year	100% of training in year2
	0.5 CP		- Practice with clinical cases in ENT surgery department for at least one week with clinical cases and procedures and recording of these activities in log cases and procedures.	25%
	0.5 CP		Attend outpatient clinic of ENT surgery for at least 2.5h/day for 15 days	25%
	0.5CP		Attend operative theatre for at least 5 sessions (3.5h/setting) and recording of operative procedures	25%
	0.5CP		Attend seminars; 2h/wk for at least 5 times	25%
Student signature			Principle coordinator signature	Head of the department signature



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Course 7: Audiology

Case log and procedure

1st year



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Module (1)“Pediatric Audiological Medicine

Clinical case log in 1st year

List of requirements

Case	Number	Case	Number
Meatal atresia	5	Unilateral deafness	100
Glue ear	40	Tinnitus in children	20
Cleft palate	10	Bacterial and viral conditions causing sensorineural hearing loss	100
Disruption of ossicular chain	2	Metabolic and endocrine causes of sensorineural hearing loss	25
Ototoxicity	15	Syndromic, non-syndromic causes of sensorineural, conductive or progressive hearing loss.	50
Noise-induced hearing loss	25	Autoimmune hearing loss	15
Rhesus incompatibility	20	Unilateral deafness	100
Non-organic hearing loss(Basic assessment)	20	Tinnitus in children	20



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Clinical case log
Record of cases

H.N	Diagnosis of case	Level of participation *	Location	Signature of supervisor

* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision



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Clinical case log Record of cases

H.N	Diagnosis of case	Level of participation *	Location	Signature of supervisor

* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision



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Clinical case log
Record of cases

H.N	Diagnosis of case	Level of participation *	Location	Signature of supervisor

* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision



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Clinical case log Record of cases

H.N	Diagnosis of case	Level of participation *	Location	Signature of supervisor

* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision



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“Pediatric Audiological Medicine” Clinical case log

Record of cases

H.N	Diagnosis of case	Level of participation *	Location	Signature of supervisor

* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision



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Procedures log book

List of requirements.

Procedure	Number	Procedure	Number
Clinical assessment	100	Tympanometry	1000
Otoscopy	1000	Acoustic reflex measurements	1000
Free Field Audiometry	500	Eustachian Tube function tests	300
Play Audiometry	500		

* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision





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“Pediatric Audiological Medicine”

1- Academic activates

Lecture, journal club, seminar, conference, workshop”

Requirements

- Attendance of at least 30% of the clinical seminars
- Presentation of at least 3 times in the seminar
- Log of at least 1 evidence-based guidelines

Activity	Your role **	Date	Signature of supervisor

** Your role:-

- A- Attendance
- B- Organization
- C- Presentation



2- Academic achievements

[illegible]





[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]





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Module (2) Adult Audiological Medicine“
Clinical case log
Record of cases”

H.N	Diagnosis of case	Level of participation *	Location	Signature of supervisor
Meatal atresia	5			
Otitis media	300			
Acute/chronic cholesteatoma	300			
Serious otitis media	300			
Otosclerosis	100			
Trauma	100			
Menière's Disease	20			
Noise-induced hearing loss	100			
Ototoxicity	50			
Viral/bacterial infections	100			
Presbycusis	100			
Sudden hearing loss	20			
Metabolic/renal/vascular/neurological/immunological disorders	30			
Neurofibromatosis	30			
Non-organic hearing loss	20			
Central auditory disorders	200			
Auditory neuropathy	30			
Acoustic neuroma	3			
Autoimmune inner ear disease	10			

* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision



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Faculty of Medicine
Quality Assurance Unit

Module(2), „Adult Audiological Medicine“

Procedures log book

List of requirements

Procedure	Number	Procedure	Number
Clinical examination	1000	Tympanometry	1000
Otoscopy	1000	Acoustic reflex measurements	1000
Audiometry	1000	Eustachian tube function tests	200

* Level of competency

A- Independent performance

B- Performance under supervision

C- Observed



Record of procedure

[illegible]

* Level of competency

A- Independent performance

B- Performance under supervision

C- Observed





Outpatient clinics

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]



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1. Academic activities

Requirements

- Attendance of at least 30% of the clinical seminars
- Presentation of at least 3 times in the seminar
- Log of at least 1 evidence-based guidelines

Lecture, journal club, seminar, conference, workshop "

Activity	Your role **	Date	Signature of supervisor

** Your role:-

A- Attendance

B- Organization

C- Presentation



2- Academic achievements

[illegible]



Formative assessment

[illegible]



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Quality Assurance Unit

Module (3)"Vestibular Medicine"

Clinical case log in the first year

Case	Number	Case	Number
Labyrinthitis and vestibular infections(Basic Evaluation)	50	Vascular disorders giving rise to disequilibrium(Basic Evaluation)	50
Menière's Disease(Basic Evaluation)		Neurological causes of imbalance(Basic Evaluation)	50
Traumatic vestibular disorders(Basic Evaluation)	25	general medical causes of vertigo imbalance(Basic Evaluation)	50
Benign positional vertigo of paroxysmal type(Basic Evaluation)	50	Central vestibular disorders(Basic Evaluation)	25

* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision



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Quality Assurance Unit

Module(3) "Vestibular Medicine"

Clinical case log

Record of cases

H.N	Diagnosis of case	Level of participation *	Location	Signature of supervisor

* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision



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Module(3) "Vestibular Medicine"
Procedures log book
List of requirements in the first year

Procedure	Number
Clinical evaluation	100
Bed side (office balance tests)	25



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"Vestibular Medicine"

Procedure of log book

Record of procedure

H N	Procedure	Level of competency*	Location	Signature

* Level of competency

A- Independent performance

B- Performance under supervision

C- Observed

"Vestibular Medicine"

1- Academic activities

Lecture, journal club, seminar, conference, workshop""

Activity	Your role **	Date	Signature of supervisor

** Your role:-

A- Attendance

B- Organization

C- Presentation



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VestibularMedicine“

2- Academic achievements

Activity	Your role **	Date	Signature of supervisor

"VestibularMedicine“

Formative assessment

Activity	Your role **	Date	Signature of supervisor



Outpatient clinics

[illegible]



Outpatient clinics

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]



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Module (4) Audiological Rehabilitative medicine

Clinical case log in the first year

Case	Number	Case	Number
Adults fitted with hearing aids	100	Children under speech therapy programs	200
Children fitted with hearing aids	100	Adults and children enrolled in rehabilitative programs	300
Children with cochlear implant	50		



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Audiology Rehabilitation”
Clinical case log
Record of cases"

H.N	Diagnosis of case	Level of participation *	Location	Signature of supervisor

* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision



[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]



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Module (5) Hearing Aids & cochlear implant

Procedures log book in the first year

List of requirements

Procedure	Number	Procedure	Number
Hearing aid trials	200	Insertion gain measures	50
Hearing aid follow up	200	Hearing aid fitting	200
Assessment of hearing aids, ear molds, batteries, tubing system, controls	200	Programming of digital hearing aids	100
Functional gain measures and aided audiometry	200	Patients and parents counseling	500
Assessment of patients cochlear implant	50		



Record of procedure

[illegible]



* Level of competency
A- Independent performance
B- Performance under supervision

[illegible]



Outpatient clinics

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]



1- Academic activities

[illegible]

A- Attendance
B- Organization
C- Presentation





Hearing aids and cochlear implant

Formative assessment

[illegible]



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Quality Assurance Unit

Postgraduate student's program Rotation in training assessment

* **Name:**

* **Period of training From:**

To:

* **Site:**

*Rotation

General skills	could not judge (0)	strongly disagree(1)	(2)	(3)	(4)	(5)	(6)	strongly agree (7)
Perform practice-based improvement activities using a systematic methodology (share in audits and risk management activities and use logbooks).								
Appraises evidence from scientific studies.								
Conduct epidemiological studies and surveys.								
Perform data management including data entry and analysis and using information technology to manage information, access on-line medical information; and support their own education.								



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General skills	could not judge (0)	strongly disagree(1)	(2) (3)		(4) (5)		(6)	strongly agree (7)
Facilitate learning of students other health care professionals including their evaluation and assessment.								
Maintain therapeutic and ethically sound relationship with patients.								
Elicit information using effective nonverbal, explanatory, questioning, and writing skills.								
Provide information using effective nonverbal, explanatory, questioning, and writing skills.								
Work effectively with others as a member of a health care team or other professional group.								
Demonstrate respect, compassion, and integrity; a responsiveness to the needs of patients and society.								
Demonstrate a commitment to ethical principles including provision or withholding of clinical care, confidentiality of patient information, informed consent, business practices.								



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General skills	could not judge (0)	strongly disagree(1)	(2) (3)		(4) (5)		(6)	strongly agree (7)
Demonstrate sensitivity and responsiveness to patients' culture, age, gender, and disabilities.								
Work effectively in relevant health care delivery settings and systems including good administrative and time management								
Practice cost-effective health care and resource allocation that does not compromise quality of care.								
Assist patients in dealing with system complexities.								



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Audiology Medicine and Rehabilitation

2nd year

Module (1)“Pediatric Audiological Medicine



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Clinical case log in 2nd year List of requirements

Case	Number	Case	Number
Meatal atresia	5	Tinnitus in children	20
Glue ear	40	Bacterial and viral conditions causing sensorineural hearing loss	100
Cleft palate	10	Metabolic and endocrine causes of sensorineural hearing loss	25
Disruption of ossicular chain	2	Syndromic, non-syndromic causes of sensorineural, conductive or progressive hearing loss.	50
Ototoxicity	15	Autoimmune hearing loss	15
Noise-induced hearing loss	25	Unilateral deafness	100
Non-organic hearing loss(Basic assessment)	20		



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Clinical case log Record of cases

H.N	Diagnosis of case	Level of participation *	Location	Signature of supervisor

* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision



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Clinical case log
Record of cases

H.N	Diagnosis of case	Level of participation *	Location	Signature of supervisor

* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision



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Faculty of Medicine
Quality Assurance Unit

Clinical case log
Record of cases

H.N	Diagnosis of case	Level of participation *	Location	Signature of supervisor

* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision



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Quality Assurance Unit

Clinical case log
Record of cases

H.N	Diagnosis of case	Level of participation *	Location	Signature of supervisor

* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision



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Quality Assurance Unit

“Pediatric Audiological Medicine” Clinical case log
Record of cases

H.N	Diagnosis of case	Level of participation *	Location	Signature of supervisor

* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision



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Quality Assurance Unit

Procedures log book
List of requirements in the 2nd year.

Procedure	Number	Procedure	Number
Clinical assessment		Acoustic reflex measurements	500
Otoscopy	500	Eustachian Tube function tests	300
Free Field Audiometry	500	Auditory Brainstem Response	300
Play Audiometry	500	Tympanometry	500

* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision





Outpatient clinics

[illegible]



Outpatient clinics

[illegible]



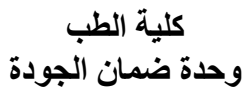
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[illegible]



1- Academic activities

Lecture, journal club, seminar, conference, workshop"

- Attendance of at least 30% of the clinical seminars
- Presentation of at least 3 times in the seminar
- Log of at least 1 evidence-based guidelines

[illegible]

Team Role:
A- Attendance
B- Organization
C- Presentation





Formative assessment

[illegible]

[illegible]



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Module (2)Adult Audiological Medicine“

Clinical case log in the second year

Record of cases"

H.N	Diagnosis of case	Level of participation *	Location	Signature of supervisor
Meatal atresia	5			
Otitis media	300			
Acute/chronic cholesteatoma	300			
Serious otitis media	300			
Otosclerosis	100			
Trauma	100			
Menière's Disease	20			
Noise-induced hearing loss	100			
Ototoxicity	50			
Viral/bacterial infections	100			
Presbycusis	100			
Sudden hearing loss	20			
Metabolic/renal/vascular/neurological/immunological disorders	30			
Neurofibromatosis	30			
Non-organic hearing loss	20			
Central auditory disorders	200			
Auditory neuropathy	30			
Acoustic neuroma	3			
Autoimmune inner ear disease	10			

* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision



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Module(2), „Adult Audiological Medicine“
Procedures log book in the second year
List of requirements

Procedure	Number	Procedure	Number
Clinical examination	1000	Tympanometry	1000
Otoscopy	1000	Acoustic reflex measurements	1000
Audiometry	1000	Eustachian tube function tests	200

* Level of competency

A- Independent performance

B- Performance under supervision

C- Observed





Outpatient clinics

[illegible]



Outpatient clinics

[illegible]

[illegible]

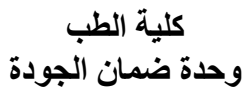
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[illegible]

[illegible]







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Module (3)"Vestibular Medicine"

Clinical case log in the second year

List of requirements

Case	Number	Case	Number
Labyrinthitis and vestibular infections(Basic Evaluation)	50	Vascular disorders giving rise to disequilibrium(Basic Evaluation)	50
Menière's Disease(Basic Evaluation)	20	Neurological causes of imbalance(Basic Evaluation)	50
Traumatic vestibular disorders(Basic Evaluation)	25	general medical causes of vertigo imbalance(Basic Evaluation)	50
Benign positional vertigo of paroxysmal type(Basic Evaluation)	50	Central vestibular disorders(Basic Evaluation)	25

* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision



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Module(3) "Vestibular Medicine"
Clinical case log
Record of cases

H.N	Diagnosis of case	Level of participation *	Location	Signature of supervisor

* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision



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Module(3) "Vestibular Medicine"
Procedures log book in the second year
List of requirements

Procedure	Number
Clinical evaluation	100
Bed side (office balance tests)	25

"Vestibular Medicine"
Procedure of log book
Record of procedure

H N	Procedure	Level of competency*	Location	Signature

* Level of competency

A- Independent performance

B- Performance under supervision

C- Observed



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Quality Assurance Unit

"Vestibular Medicine"

1- Academic activities

Lecture, journal club, seminar, conference, workshop""

Activity	Your role **	Date	Signature of supervisor

** Your role:-

- A- Attendance
- B- Organization
- C- Presentation

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]



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Quality Assurance Unit

VestibularMedicine“

2- Academic achievements

Activity	Your role **	Date	Signature of supervisor

"VestibularMedicine“

Formative assessment

Activity	Your role **	Date	Signature of supervisor



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Faculty of Medicine
Quality Assurance Unit

Module (4) Audiological Rehabilitative medicine

Clinical case log in the second year

List of requirements

Case	Number	Case	Number
Adults fitted with hearing aids	100	Children under speech therapy programs	200
Children fitted with hearing aids	200	Adults and children enrolled in rehabilitative programs	300



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Audiology Rehabilitation"
Clinical case log
Record of cases"

H.N	Diagnosis of case	Level of participation *	Location	Signature of supervisor

* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision



Outpatient clinics

[illegible]



Outpatient clinics

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]



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Module (5) Hearing Aids & cochlear implant

Procedures log book in the second year

List of requirements

Procedure	Number	Procedure	Number
Hearing aid trials	200	Functional gain measures and aided audiometry	200
Hearing aid follow up	200	Insertion gain measures	50
Assessment of hearing aids, earmolds, batteries, tubing system, controls	200	Hearing aid fitting	200
Patients and parents counseling	300	Programming of digital hearing aids	100
Assessment of patients with cochlear implant	50		



Module (5) Hearing aids
 Procedure of log book
 Record of procedure

[illegible]



* Level of competency
A- Independent performance
B- Performance under supervision



Outpatient clinics

[illegible]



Outpatient clinics

[illegible]

[illegible]

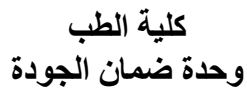
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[illegible]

[illegible]

[illegible]

[illegible]





2- Academic achievements

[illegible]





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Quality Assurance Unit

Postgraduate student's program Rotation in training assessment

* **Name:**

* **Period of training** **From:**

To:

* **Site:**

* **Rotation**

General skills	could not judge (0)	strongly disagree(1)	(2)	(3)	(4)	(5)	(6)	strongly agree (7)
Perform practice-based improvement activities using a systematic methodology (share in audits and risk management activities and use logbooks).								
Appraises evidence from scientific studies.								
Conduct epidemiological studies and surveys.								
Perform data management including data entry and analysis and using information technology to manage information, access on-line medical information; and support their own education.								



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General skills	could not judge (0)	strongly disagree(1)	<div>↩</div> <div>(2) (3)</div>		<div>↩</div> <div>(4) (5)</div>		<div>↩</div> <div>(6)</div>	strongly agree (7)
Facilitate learning of students other health care professionals including their evaluation and assessment.								
Maintain therapeutic and ethically sound relationship with patients.								
Elicit information using effective nonverbal, explanatory, questioning, and writing skills.								
Provide information using effective nonverbal, explanatory, questioning, and writing skills.								
Work effectively with others as a member of a health care team or other professional group.								
Demonstrate respect, compassion, and integrity; a responsiveness to the needs of patients and society.								
Demonstrate a commitment to ethical principles including provision or withholding of clinical care, confidentiality of patient information, informed consent, business practices.								



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General skills	could not judge (0)	strongly disagree(1)	(2) (3)		(4) (5)		(6)	strongly agree (7)
Demonstrate sensitivity and responsiveness to patients' culture, age, gender, and disabilities.								
Work effectively in relevant health care delivery settings and systems including good administrative and time management								
Practice cost-effective health care and resource allocation that does not compromise quality of care.								
Assist patients in dealing with system complexities.								



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Course7;Audiology in the 3rd year

Module (1)“Pediatric Audiological Medicine



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Clinical case log in 3rd year

List of requirements

Case	Number	Case	Number
Meatal atresia	5	Tinnitus in children	20
Glue ear	40	Bacterial and viral conditions causing sensorineural hearing loss	100
Cleft palate	10	Metabolic and endocrine causes of sensorineural hearing loss	25
Disruption of ossicular chain	2	Syndromic, non-syndromic causes of sensorineural, conductive or progressive hearing loss.	50
Ototoxicity	15	Autoimmune hearing loss	15
Noise-induced hearing loss	25	Unilateral deafness	100
Non-organic hearing loss(Basic assessment)	20		



Clinical case log

Record of cases

[illegible]

* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision



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Clinical case log Record of cases

H.N	Diagnosis of case	Level of participation *	Location	Signature of supervisor

* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision



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Clinical case log
Record of cases

H.N	Diagnosis of case	Level of participation *	Location	Signature of supervisor

* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision



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Quality Assurance Unit

Clinical case log
Record of cases

H.N	Diagnosis of case	Level of participation *	Location	Signature of supervisor

* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision



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Quality Assurance Unit

“Pediatric Audiological Medicine” Clinical case log
Record of cases

H.N	Diagnosis of case	Level of participation *	Location	Signature of supervisor

* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision



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Procedures log book
List of requirements in the 3rd year.

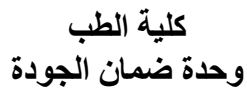
Procedure	Number	Procedure	Number
Clinical assessment	100	Tympanometry	500
Otoscopy	500	Acoustic reflex measurements	500
Free Field Audiometry	500	Eustachian Tube function tests	300
Play Audiometry	500	Auditory Brainstem Response	300

* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision



Record of procedure

[illegible]

C- Observed



Outpatient clinics

[illegible]



Outpatient clinics

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]



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Faculty of Medicine
Quality Assurance Unit

“Pediatric Audiological Medicine”

1- Academic activates

Lecture, journal club, seminar, conference, workshop"

Requirements

- Attendance of at least 30% of the clinical seminars
- Presentation of at least 3 times in the seminar
- Log of at least 1 evidence-based guidelines

Activity	Your role **	Date	Signature of supervisor

** Your role:-

- A- Attendance
- B- Organization
- C- Presentatio



2- Academic achievements

[illegible]



Formative assessment

[illegible]





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Module (2) Adult Audiological Medicine“

Clinical case log in the 3rd year

Record of cases"

H.N	Diagnosis of case	Level of participation *	Location	Signature of supervisor
Meatal atresia	5			
Otitis media	300			
Acute/chronic cholesteatoma	300			
Serious otitis media	300			
Otosclerosis	100			
Trauma	100			
Menière's Disease	20			
Noise-induced hearing loss	100			
Ototoxicity	50			
Viral/bacterial infections	100			
Presbycusis	100			
Sudden hearing loss	20			
Metabolic/renal/vascular/neurological/immunological disorders	30			
Neurofibromatosis	30			
Non-organic hearing loss	20			
Central auditory disorders	200			
Auditory neuropathy	30			
Acoustic neuroma	3			
Autoimmune inner ear disease	10			

* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision.



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Module(2) „Adult Audiological Medicine“

Procedures log book in the 3rd year

List of requirements

Procedure	Number	Procedure	Number
Clinical examination	1000	Tympanometry	1000
Otoscopy	1000	Acoustic reflex measurements	1000
Audiometry	1000	Eustachian tube function tests	200

* Level of competency

A- Independent performance

B- Performance under supervision

C- Observed







Outpatient clinics

[illegible]

[illegible]



[illegible]

[illegible]

[illegible]

[illegible]



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Faculty of Medicine
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„Adult Audiological Medicine“

1. Academic activities

Requirements

- Attendance of at least 30% of the clinical seminars
- Presentation of at least 3 times in the seminar
- Log of at least 1 evidence-based guidelines

Lecture, journal club, seminar, conference, workshop "

Activity	Your role **	Date	Signature of supervisor

** Your role:-

- A- Attendance
- B- Organization
- C- Presentation



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Faculty of Medicine
Quality Assurance Unit

Adult Audiological Medicine“

2- Academic achievements

Activity	Your role **	Date	Signature of supervisor

„Adult Audiological Medicine“

Formative assessment

Activity	Your role **	Date	Signature of supervisor



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Quality Assurance Unit

Module (3)"Vestibular Medicine"

Clinical case log in the 3rd year

List of requirements

Case	Number	Case	Number
Labyrinthitis and vestibular infections(Basic Evaluation)	50	Vascular disorders giving rise to disequilibrium(Basic Evaluation)	50
Menière's Disease(Basic Evaluation)	20	Neurological causes of imbalance(Basic Evaluation)	50
Traumatic vestibular disorders(Basic Evaluation)	25	general medical causes of vertigo imbalance(Basic Evaluation)	50
Benign positional vertigo of paroxysmal type(Basic Evaluation)	50	Central vestibular disorders(Basic Evaluation)	25

* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision



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Module(3) "Vestibular Medicine"
Clinical case log in the 3rd year
Record of cases

H.N	Diagnosis of case	Level of participation *	Location	Signature of supervisor

* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision



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Module(3) "Vestibular Medicine"
Procedures log book
List of requirements in the 3rd year

Procedure	Number
Clinical evaluation	100
Bed side (office balance tests)	25
Electronystagmography	100
Vestibular rehabilitation Therapy	50
Repositioning Techniques	20



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"Vestibular Medicine"

Procedure of log book

Record of procedure

H N	Procedure	Level of competency*	Location	Signature

* Level of competency

A- Independent performance

B- Performance under supervision

C- Observed

[illegible]



Outpatient clinics

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]



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Quality Assurance Unit

"Vestibular Medicine"

1- Academic activities

Lecture, journal club, seminar, conference, workshop ""

Activity	Your role **	Date	Signature of supervisor

** Your role:-

- A- Attendance
- B- Organization
- C- Presentation

Vestibular Medicine"

2- Academic achievements

Activity	Your role **	Date	Signature of supervisor



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"VestibularMedicine"

Formative assessment

Activity	Your role **	Date	Signature of supervisor



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Module (4) Audiological Rehabilitative medicine

Clinical case log in the 3rd year
List of requirements

Case	Number	Case	Number
Adults fitted with hearing aids	100	Children under speech therapy programs	200
Children fitted with hearing aids	200	Adults and children enrolled in rehabilitative programs	300
Children with cochlear implant	50		

[illegible]



Outpatient clinics

[illegible]



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Audiology Rehabilitation"
Clinical case log
Record of cases"

H.N	Diagnosis of case	Level of participation *	Location	Signature of supervisor

* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]



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Module (5)Hearing Aids & cochlear implant

Procedures log book in the 3rd year

List of requirements

Procedure	Number	Procedure	Number
Hearing aid trials	200	Functional gain measures and aided audiometry	200
Hearing aid follow up	200	Insertion gain measures	50
Assessment of hearing aids, earmolds, batteries, tubing system, controls	200	Hearing aid fitting	200
Patients and parents counseling	300	Programming of digital hearing aids	100
Patients with cochlear implant	50		



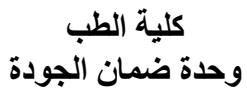


Record of procedure

287

[illegible]

B- Performance under supervision



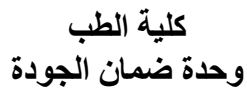
[illegible]

[illegible]

[illegible]

[illegible]

[illegible]



1- Academic activities

[illegible]

A- Attendance
B- Organization
C- Presentation



Hearing aids and cochlear implant

2- Academic achievements

[illegible]



Hearing aids and cochlear implant

Formative assessment

[illegible]



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MCQ Assessments

- Two MCQ examination at the second year for specialty topics
- One MCQ examination at the second half of the second year for procedures used in audiology practice

Date	grade *	Signature of Head of the department

*Degree

- A- Excellent
- B- Very good
- C- Good
- D- Pass



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Faculty of Medicine
Quality Assurance Unit

Postgraduate student's program Rotation in training assessment

* **Name:**

* **Period of training** **From:**

To:

* **Site:**

*Rotation

General skills	could not judge (0)	strongly disagree(1)	(2)	(3)	(4)	(5)	(6)	strongly agree (7)
Perform practice-based improvement activities using a systematic methodology (share in audits and risk management activities and use logbooks).								
Appraises evidence from scientific studies.								
Conduct epidemiological studies and surveys.								
Perform data management including data entry and analysis and using information technology to manage information, access on-line medical information; and support their own education.								



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General skills	could not judge (0)	strongly disagree(1)	<div>↩</div> <div>(2) (3)</div>		<div>↩</div> <div>(4) (5)</div>		<div>↩</div> <div>(6)</div>	strongly agree (7)
Facilitate learning of students other health care professionals including their evaluation and assessment.								
Maintain therapeutic and ethically sound relationship with patients.								
Elicit information using effective nonverbal, explanatory, questioning, and writing skills.								
Provide information using effective nonverbal, explanatory, questioning, and writing skills.								
Work effectively with others as a member of a health care team or other professional group.								
Demonstrate respect, compassion, and integrity; a responsiveness to the needs of patients and society.								
Demonstrate a commitment to ethical principles including provision or withholding of clinical care, confidentiality of patient information, informed consent, business practices.								



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General skills	could not judge (0)	strongly disagree(1)	(2) (3)		(4) (5)		(6)	strongly agree (7)
Demonstrate sensitivity and responsiveness to patients' culture, age, gender, and disabilities.								
Work effectively in relevant health care delivery settings and systems including good administrative and time management								
Practice cost-effective health care and resource allocation that does not compromise quality of care.								
Assist patients in dealing with system complexities.								



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Quality Assurance Unit

Course7; module (6) Ear, nose, and throat (ENT) surgery related to Audiovestibular medicine

Requirements

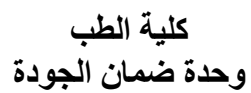
- Credit points: 2 credit points for didactic and 4 Credit Points for Clinical Training.
- Attend at least 80% of didactic teaching (lectures, tutorial, and seminars).



Outpatient clinics

[illegible]



[illegible]



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Course 7; module 6: ENT surgery related to audiology

Clinical case log Record of cases

H.N	Diagnosis of case	Level of participation *	Location	Signature of supervisor

* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision

[illegible]

ENT surgery related to audiology
Record of procedure[illegible]

* Level of competency

A- Independent performance

B- Performance under supervision

C- Observed



ENT surgery related to audiology
Record of operative procedure

[illegible]

* Level of competency

A- Independent performance

B- Performance under supervision

C- Observed



1- Record of operative procedure

[illegible]

C- Observed



[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

A- Attendance
B- Organization
C- Presentation



ENT surgery related to audiology

2- Academic achievements

[illegible]

• •



ENT surgery related to audiology
Formative assessment

[illegible]



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MCQ Assessments

- Two MCQ examination at the second year for specialty topics
- One MCQ examination at the second half of the second year for procedures used in audiology practice

Date	grade *	Signature of Head of the department

*Degree

- A- Excellent
- B- Very good
- C- Good
- D- Pass



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Faculty of Medicine
Quality Assurance Unit

Postgraduate student's program Rotation in training assessment

* **Name:**

* **Period of training From:**

To:

* **Site:**

*Rotation

General skills	could not judge (0)	strongly disagree(1)	(2)	(3)	(4)	(5)	(6)	strongly agree (7)
Perform practice-based improvement activities using a systematic methodology (share in audits and risk management activities and use logbooks).								
Appraises evidence from scientific studies.								
Conduct epidemiological studies and surveys.								
Perform data management including data entry and analysis and using information technology to manage information, access on-line medical information; and support their own education.								



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Quality Assurance Unit

General skills	could not judge (0)	strongly disagree(1)	(2) (3)		(4) (5)		(6)	strongly agree (7)
Facilitate learning of students other health care professionals including their evaluation and assessment.								
Maintain therapeutic and ethically sound relationship with patients.								
Elicit information using effective nonverbal, explanatory, questioning, and writing skills.								
Provide information using effective nonverbal, explanatory, questioning, and writing skills.								
Work effectively with others as a member of a health care team or other professional group.								
Demonstrate respect, compassion, and integrity; a responsiveness to the needs of patients and society.								
Demonstrate a commitment to ethical principles including provision or withholding of clinical care, confidentiality of patient information, informed consent, business practices.								



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Quality Assurance Unit

General skills	could not judge (0)	strongly disagree(1)	(2) (3)		(4) (5)		(6)	strongly agree (7)
Demonstrate sensitivity and responsiveness to patients' culture, age, gender, and disabilities.								
Work effectively in relevant health care delivery settings and systems including good administrative and time management								
Practice cost-effective health care and resource allocation that does not compromise quality of care.								
Assist patients in dealing with system complexities.								



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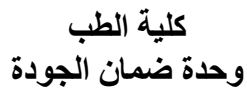
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Elective Course 1

Requirements

● **Credit points:** 2 credit point.

- Minimal rate of attendance 80% of lectures and 80% of training



Name of the elective course: -----

Elective Course 1 Lectures

[illegible]





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Other scientific activities



Lecture, journal club, conference, workshop

[illegible]

A- Attendance
B- Organization
C- Presentation



Formative assessment

[illegible]



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MCQ Assessments

Date	grade *	Signature of Head of the department

*Degree

- A- Excellent
- B- Very good
- C- Good
- D- Pass



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الرسائل العلمية

عنوان الرسالة

عربي : _____

انجليزي : _____

المشرفون : _____

1- _____

2- _____

3 _____

4- _____

تاريخ القيد لدرجة : / / 20

تاريخ التسجيل الموضوع :

المتابعة الدورية :

التاريخ	ما تم انجازه من برتول البحث	المتبقي	توقيع المشرفين



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Faculty of Medicine
Quality Assurance Unit

Declaration

Course Structure Mirror	Responsible (Course) Coordinator Name:	Signature	Date
First Part			
Course (1) Acoustics.			
Course (2) Anatomy			
Course (3) Physiology			
Course (4) Medical statistics& Genetics			
Course (5) Neurological and psychiatric diseases.			
Course (6) Principles of Phoniatics			
Second Part			
Course 7 Audiology(Audiology medicine and rehabilitation)			
Module 1 Pediatric Audiology medicine(disorders and audiometry)			
Module (2)Adult Audiology medicine(disorders and audiometry)			
Module (3) Vestibular medicine			
Module (4) Audiological Rehabilitative medicine			
Module (5) hearing aids and cochlear implant			
Module (6) Basics of Ear- Nose and Throat surgery			
Dates: Elective Course(s) Certificate (s)			
- Master Degree Thesis Acceptance Date:			
- Fulfillment of required credit points prior to final examination			
Audiovestibular medicine M Sc Degree Principle Coordinator:			
Date approved by Otolaryngology Department Council:			

يعتمد ،
رئيس القسم