



كلية الطب
وحدة ضمان الجودة



Faculty of Medicine
Quality Assurance Unit

" كراسة الأنشطة "
اللازمة لحصول المتدرب على درجة الدكتوراه في
السمع و الاتزان للائحة النقاط المعتمدة
2022-2023



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Contents

NO	SUBJECT	PAGE
1	Personal data	3
2	Instructions to the logbook	4
3	Program aims and curriculum structure	8
4	First Part.	10
	Basic science Courses	11
	Course 1: Medical statistics.	
5	Course 2: Research methodology	13
6	Course 3: Medicolegal Aspects and Ethics in Medical Practice and Scientific Research.	15
7	Course4: Neurological and Psychiatric Diseases	17
8	Course5: ENT	33
9	Course 6: Genetics.	48
10	Specialty Courses	
	1-Course 7: Audiology (advanced; Advanced Audiological and Vestibular Medicine)	51
	○ Module 1: Acoustic (audiology medicine)	
	○ Module 1.1: Adult audiological medicine&	
	○ Module 1.2: Paediatric Audiological medicine.	
	○ Module 2: Acoustic aids and Rehabilitations	
	○ Module 3: Balance disorders (Vestibular medicine)	
11	Elective Course 1	207
12	Elective Course 2	210
13	Other activities	213
14	Medical Doctorate Degree Thesis pathway	215
15	Declaration	216



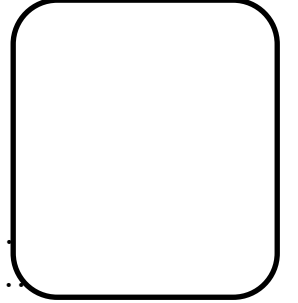
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بيانات شخصية عن المتدرب

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 your trainer.



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Rotation / attendance proof "" الأمكان التي تدرب بها

توقيع مدير المستشفى	توقيع رئيس القسم	أسم المستشفى التي تدرب بها



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توقيع مدير المستشفى	توقيع رئيس القسم	أسم المستشفى التي تدرّب 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, your 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
- Quiesces
-

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



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Program aims

1/1 Assure that the curriculum is sequential and parsimonious so that progressive competencies designed to meet the needs of clinical populations are developed at specific stages throughout the curricular sequence. This would include, basic science, hearing screening using developmentally appropriate protocols from infants to adults, differential assessment infant to adult, hearing aid/ assistive device assessment, selection, trouble shooting/ application, aural habilitation (children), educational audiology in school settings, aural rehabilitation (adult), advanced audiological assessment/intervention with special populations, implantable device assessment/intervention and the remaining audiology skills fulfilling current scope of practice in the variety of practice settings.

2/1 To enable candidates to master high level of clinical skills, bedside care skills, in addition to update medical knowledge as well as clinical experience and competence in the area of adult and pediatric audiological medicine and enabling the candidates of making appropriate referrals to a sub-specialist

3/1 Provide candidates with fundamental knowledge and skills of vestibular medicine as regards dealing with acute attacks of vertigo, chronic dizziness and training skills of different rehabilitation maneuvers

4/1 To enable candidates to perform high standard scientific medical research and how to proceed with publication in indexed medical journals.

5/1 To enable candidates to describe the basic ethical and medicolegal principles relevant to Audiological and Vestibular medicine

6/1 To enable candidates to have professional careers as a consultant in Egypt but recognized abroad.

7/1 To enable candidates to continue self learning in subspecialties.

8/1 To enable candidates to master different research methodology and do their own:

9/1 developing leadership skills;

10/1 promoting participation as contributing members of our society.

11/1 Expose students to research, both basic and applied, with the goal of helping the student develop research skills that will allow them to conduct and promote evidence-based clinical services. The graduates of the clinical doctorate program will be critical consumers of published research in their own ongoing professional development.



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Program Time Table

Duration of program up to 4 years (could be extended to 6 years) divided into

○ Part 1

Program-related Basic science courses

- Medical statistics

- Research methodology

-: Medicolegal Aspects and Ethics in Medical Practice and Scientific Research

Students are allowed to sit the exams of these courses after 6 months from applying to the M D degree.

○ Thesis and 2 published researches

For the M D thesis;

MD thesis subject should be officially registered within 1 year from application to the MD degree,

Discussion and acceptance of the thesis should not be set before 24 months from registering the MD subject;

It could be discussed and accepted either before or after passing the second part of examination.

○ Part 2

Program –related specialty courses and ILOs

Students are not allowed to sit the exams of these courses before 4 years from applying to the MD degree.



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First Part

Basic science Courses

Course	Name of the course
Course 1	Medical statistics
Course 2	Research methodology
Course 3	Medicolegal Aspects and Ethics in Medical Practice and Scientific Research
Course 4	Neurological and Psychiatric Diseases
Course 5	ENT
Course 6	Genetics



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Medical statistics

Requirements

- Credit points: 1 credit point
- Minimal rate of attendance 80%

Name of the course	Credit points	Responsible department	Attendance	Practical	Percentage of Achieved points
Medical statistics	1 credit point	Pubic Health & Community Medicine			100%
	0.1		Introduction 1 hour	SPSS Introduction 2H	10%
	0.1		Tables and graphics 1 Hour	Data entry and cleaning of data 2H	10%
	0.1		Sampling 1 Hour	Transforming of variables 2H	10%
	0.1		Methodology of data collection 1 Hour	Descriptive statistics 2 H	10%
	0.1		Type of variables 1 Hour	Graphic presentation 2 H	10%
	0.1		Proportion test Chi-square test 1 Hour	Chi square and interpretation of results 2 H	10%
	0.1		Student T test Paired T test 1 Hour	Student, Paired and ANOVA tests 2H	10%
	0.1		ANOVA test 1 Hour	Correlation Regression 2 Hour	10%
	0.1		Non parametric tests 1 Hour	Multiple and logistic Regression 2 H	10%
	0.1		Discrimination analysis factor analysis 1 Hour	Non parametric tests 2 H	10%
			Revision 1 H	Revision 2H	
Student signature			Principle coordinator signature		Head of the department signature



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Medical Statistics

Lectures and tutorials

Date	Attendance	Topic	Signature



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Research Methodology

Requirements

- Credit points: 1 credit point
- Minimal rate of attendance 80%

Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
Research Methodology	1 credit point	Pubic Health & Community Medicine		100%
	0.15		4 hours Introduction & proposal writing	15%
	0.15		4 hours Epidemiological study designs	15%
	0.15		4 hours Screening & theoretical background	15%
	0.24		6 hours Screening practical	24%
	0.15		4 hours Sample size calculation	15%
	0.08		2 hours Research bias	8%
	0.08		2 hours Ethics in research	8%
	-		2 hours Revision	-
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Medicolegal Aspects and Ethics in Medical Practice and Scientific Research

Requirements

- Credit points: 1 credit point

Minimal rate of attendance 80%

Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
Medicolegal Aspects and Ethics in Medical Practice and Scientific Research	1 credit point	Forensic Medicine and Clinical Toxicology	10 hours	100%
	0.2		2 hours - Death and death certificate. - Suspicious death - Death associated with surgery and anesthesia	20%
	0.2		2 hours Medical Reports in case of trauma	20%
	0.2		- Wounds - Firearm injuries	20%
	0.2		2 hours Ethics in research.	20%
	0.2		2 hours Ethics in practice.	20%
	Student signature			Principle coordinator signature



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Course (4): Neurological and Psychiatric diseases

Requirements

- **Credit points:** 2.5 credit points ; 1.5 CP for didactics: [0.9CP for neurological disorders (60%) & 0.6CP for psychiatric disorders (40%)] and 1 credit points for training [0.6CP for neurology training and 0.4 CP for psychiatry training].
- Minimal rate of attendance is 80% of didactic and training.



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Name of the Unit	Credit points	Responsible department	Attendance	Percentage of Achieved points
Course 4; Unit 1; Neurological diseases	0.9CP	Neurology unit	9 hours	100% of unit didactics
	0.1CP		Neurological examination 1h	11.11%
	0.075CP		Cerebrovascular stroke 0.75h	8.3%
	0.075CP		Hemiplegia 0.75h	8.3%
	0.075CP		Demyelinating diseases 0.75h	8.3%
	0.075CP		Headache and migrain. 0.75h	8.3%
	0.075CP		Epilepsy including Temporal lobe epilepsy. 0.75h	8.3%
	0.075CP		Peripheral neuropathy 0.75h	8.3%
	0.05CP		Increase Intracranial tension 0.5h	5.55%
	0.1CP		Space occupying lesion: Brain tumors including; PA Lesions 1h	11.11%
0.1CP	-CNS infection; (Meningitis Encephalitis) 1h	11.11%		
0.05CP	Speech and Articulation. 0.5h	5.55%		
0.05CP	-Gait disorders 0.5h	5.55%		
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Name of the unit	Credit points	Responsible department	Attendance	Percentage of Achieved points
Course 4; unit 2; Psychiatric diseases	0.6CP	Psychiatry unit	6 hours	100%
	0.1CP		*Perception and its disorders 0.5h	16.66%
	0.05CP		*Sensory deprivation (including auditory hallucination)0.5h	8.33%
	0.05h		*Somatoform disorders 0.5h	8.33%
	0.05CP		*Dissociative disorders 0.5h	8.33%
	0.075CP		Circadian rhythms 0.5h	12.5%
	0.1CP		*Schizophrenia 0.75h	16.66%
	0.075h		*Mood disorders 1h	12.5%
	0.1CP		*Psychological manifestations and complications of hearing loss in children and adult.0.75h	16.66%
				<u>Child psychiatry 1h</u> *Autism *Mental retardation *A.D.H.D. *conduct disorders.
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Name of the course training	Credit points	Responsible department	Attendance & Activities	Percentage of Achieved points
Course 4; unit 1: Neurological diseases.	0.6 CP	Neurology unit	<i>Practice in the department to fulfill the following activities; as mentioned below;</i>	60% of the training course
	0.15CP		practice in the Neurology unit with cases as mentioned below in case log including history case taking	25% of unit 1
	0.15CP		-Attendance of at least outpatient clinic of neurology at least 6 outpatient clinic	25% of unit 1
	0.15CP		- attendance of at least 6 clinical rounds	25% of unit 1
	0.15CP		- Attend of at least 5 clinical teaching for post or undergraduate neurology teaching	25% of unit 1
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Academic Activities for psychiatry department

Name of the unit training	Credit points	Responsible department	Attendance & Activities	Percentage of Achieved points
Course 4; unit 2: Psychiatric diseases	0.4 CP	Psychiatry unit	<i>Practice in the department to fulfill the following activities; as mentioned below;</i>	40% of the training course
	<u>0.1CP</u>		- Attend at least 3 clinical rounds for undergraduate Psychiatric teaching	25% of training unit 2
	<u>0.1CP</u>		- Practice in the unit with cases as mentioned below in case log including Psychiatric interview	25% of training unit 2
	<u>0.1CP</u>		Attend at least outpatient clinic of psychiatry at least 4 outpatient clinics	25% of training unit 2
	<u>0.1CP</u>		Attend at least 5 clinical teaching with staff members for post or undergraduate psychiatric teaching	25% of training unit 2
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Case log & history case taking

Case diagnosis	Case log
<u>Unit 1: history case taking:</u>	
Cerebrovascular stroke.	4 cases
-Hemiplegia	One case
-Demyelinating diseases	One case
-Headache and migraine	4cases
- CNS infection	One case
-Speech disorders	One case
-Gait disorders	One case
<u>Unit 2: Psychiatric interview for</u>	
- Mood disorders	
- psychotic disorder	Two cases
- Anxiety disorder.	Two cases
	Two cases



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A-Clinical case log unit 1

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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A-Clinical case log unit 2

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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B- Clinical case presentation log unit 1

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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B- Clinical case presentation log unit 2

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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C- Clinical teaching log unit 1

Date	Attendance location	Diagnosis	Signature



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C- Clinical teaching log unit 2

Date	Attendance location	Diagnosis	Signature



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Didactics; unit 1

Date	Attendance	Topic	Signature



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Didactics; unit 2

Date	Attendance	Topic	Signature



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Course 5: ENT Surgery

Requirements

- Credit points: 2.5 credit points, **1.5CP for didactics and 1 Credit Points for Clinical Training.**
- Attend at least 80% of didactic teaching (lectures, tutorial, seminars) and training.



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Course 5; Ear, Nose and Throat (ENT) Surgery	<u>1.5CP</u> 0.1CP	Audiovestibular medicine Unit /ENT Department	<u>15hours</u> <u>1hour</u> *Anatomy of the ear. *Applied Anatomy of the ear *Embryology of the ear	<u>100%</u> 6.66%
	0.05CP		<ul style="list-style-type: none"> • Physiology of the ear 0.5h 	3.33%
	0.075CP		<ul style="list-style-type: none"> • -Diseases of the auricle0.75h. 	5%
	0.075CP		<ul style="list-style-type: none"> • -Diseases of the external ear canal 0.75h 	5%
	0.075CP		<ul style="list-style-type: none"> • -Acute otitis media 0.75h 	5%
	0.075CP		<ul style="list-style-type: none"> • -Eustachian tube malfunction 0.75h 	5%
	0.075CP		<ul style="list-style-type: none"> • -Chronic non suppurative otitis media.0.75h 	5%
	0.075CP		<ul style="list-style-type: none"> • -Chronic suppurative otitis media.0.75h 	5%
	0.075CP		<ul style="list-style-type: none"> • -Complications of suppurative otitis media0.75h 	5%
	0.075CP		<ul style="list-style-type: none"> • -Trauma to the middle ear 0.75h 	5%



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	0.075CP		<ul style="list-style-type: none"> -Diseases of the otic capsule (including Otosclerosis) 0.75h 	5%
	0.075CP		<ul style="list-style-type: none"> -Tumors of the middle ear 0.75h 	5%
	0.075CP		<ul style="list-style-type: none"> Meniere's disease 0.75h 	5%
	0.075CP		<ul style="list-style-type: none"> Acoustic Neuroma 0.75h 	5%
	0.075CP		<ul style="list-style-type: none"> Facial nerve palsy 0.75h - 	5%
	0.075CP		<ul style="list-style-type: none"> -Hearing loss, types and causes 0.75h 	5%
	0.075CP		<ul style="list-style-type: none"> Otalgia and otorrhea 0.75h 	5%
	0.075CP		<ul style="list-style-type: none"> Vestibular disorders 0.75h. 	5%
	0.075CP		<ul style="list-style-type: none"> -Tinnitus 0.75h 	5%
			<p><u>-Ear Operations</u> 0.75h *Adenoid and Adenoidectomy *Tonsillectomy</p>	
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:

Clinical training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Course 5; Ear, Nose and Throat surgery (ENT Surgery)	1 CP	ENT Surgery department	1 WKS/30 Hrs	100%
	0.20 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	20%
	0.30 CP		Attend outpatient clinic for at least 2 times and recording cases practiced	30%
	0.20 CP		Attend operative theatre for at least 2 lists and recording of operative procedures	20%
	0.30 CP		Attend seminars 2 hrs/wk for at least 5 times	30%
Student signature			Principle coordinator signature	Head of the department signature



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Clinical case log List of requirements

Case	Number	Case	Number
Otitis externa	100		
Otitis media	100		
Congenital anomalies of the external canal and ear pinna	50		
Trauma	50		
Cholesteatoma	100		
Facial nerve paralysis	50		
Otosclerosis	100		
Eustachian tube dysfunction	100		
Meniere's disease	100		
Tinnitus	100		
Otorrhea	100		
Otalgia	100		



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Didactics

Date	Attendance	Topic	Signature



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Didactics

Date	Attendance	Topic	Signature



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Out patients clinic

Date/ Duration from -to	Signature of supervisor	Date/ Duration from -to	Signature of supervisor



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Course 5 "ENT" Clinical case log

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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Course 5 "ENT"
Procedure of log book
Record of operative 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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"ENT Surgery"

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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B- Clinical Seminars log

First: Attendance

Date	Attendance	Topic	Signature



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B- Clinical Seminars

Second: Case presentation

Date	Staff group*	Case	Signature



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"ENT"

2- Academic achievements"

Activity	**Your role	Date	Signature of supervisor



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"ENT"

Formative assessment"

Activity	**Your role	Date	Signature of supervisor



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Course (6) Genetics

Requirements:

- Two credit points for didactics.
- Minimal requirement is 80% attendance of didactics teaching.



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Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
Course 6: Genetics	<u>2CP</u> <i>0.2CP for each</i>	Audiology Unit /ENT Department	<u>20hours</u> <i>Genetic diseases related to audiology</i> <u>2 hours for each topic</u> *Cell division (Meiosis and Mitosis)2h *Chromosomal basis of hereditary.2h *Chromosomal abnormalities.2h * Syndromes including hearing loss.2h *Genetic basis of hereditary including DNA, RNA.2h *Modes of Inheritance.2h *Hereditary hearing loss.2h *Prevention of genetic disorders.2h *Genetic counseling 2h *Syndromes related to hearing loss and ear anomalies 2h	<u>100%</u> 10% for each subject
Student signature			Principle coordinator signature	Head of the department signature



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Didactics

Date	Attendance	Topic	Signature



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Course 7: Audiology (Advanced; Advanced audiological and vestibular medicine)

Requirements

- ✚ **Credit points:** 24 credit point for didactic (lectures, seminars, tutorial) and 123 point for training.
- ✚ Minimal rate of attendance 80% of didactic and training.
- ✚ It divided into 3 units (modules); i.e.
 - Module 1: Acoustic (audiology medicine). It is subdivided into 2 subunits:
 - Module 1.1: Adult audiological medicine&
 - Module 1.2: Paediatric Audiological medicine)
 - Module 2: Acoustic aids and Rehabilitations
 - Module 3: Balance disorders (Vestibular medicine)



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Course Units	%	Didactic CP (24)	Training CP 123 CP	Total 147
Module 1: Acoustics (audiology medicine): <ul style="list-style-type: none">• Module 1.1: Adult Audiological medicine• Module 1.2: Paediatric Audiological medicine		12	63	75
Module 2: Acoustic Aids and Rehabilitation.		6	33	39
Module 3: Balance disorders (Vestibular medicine).		6	30	36
Specialized Course: Audiology (advanced; Advanced audiological and vestibular medicine)	100%	6	30	36
		24	123	147



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1-Unit (Module) 1: Acoustics (audiology medicine)

Requirements

- ✚ **Credit points:** 12 credit point for didactic (lectures, seminars, tutorial) and 63 point for training. Total CP is 75CP.
- ✚ Minimal rate of attendance 80% of didactic and training.
- ✚ It is subdivided into 2 subunits i.e.
 - Module 1.1: Adult audiological medicine,
 - Module 1.2: Paediatric Audiological medicine.



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Course 7; Module 1.1: Adult audiological medicine

Requirements:

- ❖ Total CP: 39 CP; 6 CP for didactic teaching in the, 2nd and 3rd years and 33 CP for clinical training during 4 years. It is distributed all over years of training by the following: 6.5 CP in the 1st, 11 CP for year 2, 11 CP for year 3, and 4.5 CP for year 4.
- ❖ Minimal rate of attendance 80% of didactic and training.



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First year training

Clinical training of the unit	Credit points	Responsible department	Attendance & activities	Percentage of Achieved points
Course 7; Module 1.1 Adult Audiology medicine.	6.5CP	ENT Surgery department/ Audiology Unit	195 hours	100% of unit training in year 1
	2.75CP		-Attend out patient clinic of Audiology; 3hrs/day, one day / week for at least 27 weeks and fulfilling the required skills& cases and procedure log.	42.3% of training unit in year 1
	2.75CP		-Attend Auditory Evoked Potential Unit 3hrs/day, one day / week for at least 27 weeks and fulfilling the required skills& cases and procedure log including cases discussion with the staff member.	42.3% of training unit in year 1
	0.75CP		-Attend clinical conference and seminars in Audiology UNIT; 1hr/day, once/wk. for at least 22wks	11.5% of unit training in year 1
	0.25CP		Formative assessment	3.8% of unit training in year 1
Student signature			Principle coordinator Signature	Head of the department signature



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Clinical case log Record of cases

H.N	Diagnosis & management of case	*Level of participation	Location	Signature of supervisor
Otitis externa	20			
Foreign body obstruction	5			
Meatal atresia	5			
Otitis media	75			
Acute/chronic cholesteatoma	50			
Serious otitis media	75			
Otosclerosis	75			
Trauma	50			
Meniere's Disease	25			
Noise-induced hearing loss	25			
Ototoxicity	50			
Viral/bacterial infections	50			
Presbycusis	50			
Sudden hearing loss	50			
Metabolic/renal/vascular/ neurological/immunological disorders	50			
Neurofibromatosis	2			
Non-organic hearing loss	75			
Central auditory disorders	25			
Auditory neuropathy	50			
Acoustic neuroma	20			
Autoimmune inner ear disease	25			



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Fluctuant hearing loss	50			
Occupational hearing loss	50			
Tinnitus & hyperacusis	100			
Unilateral sensorineural hearing loss	50			
Multiple handicapped patients	15			
Genetic hearing loss (syndromal & non-syndromal)	50			
Facial paralysis	20			

* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision



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Module 1.1 „Adult Audiological Medicine “ Procedures log book List of requirements' ' "

Procedure	Number	Procedure	Number
Clinical examination	100	Special tests for site of lesion detection	100
Otoscopy	100	Auditory brainstem response	100
Neurological examination	100	Bone conduction ABR	20
pure-tone audiometry	100	Otoacoustic emissions	100
Speech audiometry	100	Eustachian tube function tests	100
Extended high frequency audiometry	100	Tinnitus matching tests	100
Tympanometry	100	Stinger tests	100
Acoustic reflex measurements	100		



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Module 1.1 „Adult Audiological 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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„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
Lectures			
Journal club			
Seminar			
Case presentation			
Workshop			
Lectures			
Journal club			
Seminar			
Case presentation			
Workshop			
Lectures			
Journal club			
Seminar			
Case presentation			
Workshop			
Lectures			
Journal club			

** Your role:-

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



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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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Year 2 didactics

Name of the unit	Credit points	Responsible department	Attendance	Percentage of Achieved points
Course 7: module 1.1: Adult audiological medicine	3 CP		30 hours	100% of didactics unit in year 2
	1.4CP		<u>Basic audiology 14 h</u> -History taking.2h -Calibration.3h -Pure tone evaluation.3h -Bone conduction assessment.3h -Speech Audiometry.3h	46,7%
	1.4 CP		<u>Introduction to auditory evoked potential: 14h</u> -Electrocochleography.3.5h Auditory brainstem response to different auditory stimuli.3.5h Auditory Steady State Response.3.5h Middle Latency Auditory Evoked Potential 3.5h..	46.7%
	0.2CP		Formative assessment	6.6%
Student signature			Principle coordinator signature	Head of the department signature



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Didactics

Date	Attendance	Topic	Signature



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During the 2nd year

clinical training of the unit	Credit points	Responsible department	Attendance	Percentage of Achieved points
Module 1.1: Adult Audiological medicine .	11CP	ENT Surgery department/ Audiology Unit	330 hours	100% of unit training in year 2
	5CP		-Attend out patient clinic of Audiology; 3hrs/day, one day / week for at least 50 weeks and fulfilling the required skills& cases and procedure log.	45.45% of training unit in year 2
	5CP		-Attend Auditory Evoked Potential Unit 3hrs/day, one day / week for at least 50 weeks and fulfilling the required skills& cases and procedure log including cases discussion with the staff member.	45.45% of training unit in year 2
	0.5CP		-Attend clinical conference and seminars in Audiology Unit; 1hr/day, once/wk. for at least 22wks	4.5% of training in year 2
	0.5CP		Formative assessment	4.5% of unit training in year2
Student signature			Principle coordinator Signature	Head of the department signature



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Clinical case log Record of cases

H.N	Diagnosis & management of case	*Level of participation	Location	Signature of supervisor
Otitis externa	20			
Foreign body obstruction	5			
Meatal atresia	5			
Otitis media	75			
Acute/chronic cholesteatoma	50			
Serious otitis media	75			
Otosclerosis	75			
Trauma	50			
Meniere's Disease	25			
Noise-induced hearing loss	25			
Ototoxicity	50			
Viral/bacterial infections	50			
Presbycusis	50			
Sudden hearing loss	50			
Metabolic/renal/vascular/neurological/immunological disorders	50			
Neurofibromatosis	2			



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Non-organic hearing loss	75			
Central auditory disorders	25			
Auditory neuropathy	50			
Acoustic neuroma	20			
Autoimmune inner ear disease	25			
Fluctuant hearing loss	50			
Occupational hearing loss	50			
Tinnitus & hyperacusis	100			
Unilateral sensorineural hearing loss	50			
Multiple handicapped patients	15			
Genetic hearing loss (syndromal & non-syndromal)	50			
Facial paralysis	20			

* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision



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Quality Assurance Unit

Module 1.1 „Adult Audiological Medicine“
Procedures log book
List of requirements' ' "

Procedure	Number	Procedure	Number
Clinical examination	100	Acoustic reflex measurements	100
Otoscopy	100	Special tests for site of lesion detection	100
Neurological examination	100	Auditory brainstem response	100
pure-tone audiometry	100	Bone conduction ABR	20
Speech audiometry	100	Otoacoustic emissions	100
Extended high frequency audiometry	100	Eustachian tube function tests	100
Tympanometry	100	Tinnitus matching tests	100
Stinger tests	100		



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Quality Assurance Unit

Module 1.1 „Adult Audiological 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

“Adult Audiological Medicine “ 1-Academic activates

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& title	Date	Signature of supervisor
Lectures			
Journal club			
Seminar			
Case presentation			
Workshop			
Lectures			
Journal club			
Seminar			
Case presentation			
Workshop			
Lectures			
Journal club			
Seminar			
Case presentation			
Workshop			

** Your role:-

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



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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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Year 3

Name of the unit	Credit points	Responsible department	Attendance	Percentage of Achieved points
Course 7: module 1.1:Adult audiological medicine	3 CP	ENT surgery department, Audiology unit.	30 hours	100% of didactics unit in year 3
	1.4CP		<u>Central Auditory processing :14h</u> Central Auditory Processing CAPD In adults.	46.7%
	1.4CP		<u>Miscellaneous*:14h</u> -Post traumatic Hearing loss. -Sudden SNHL. -Autoimmune Hearing loss. -Congenital hearing loss: a-Syndromic. b-Non syndromic -Speech and Language development. -Delayed Language Development. -Otoacoustic Emission -Noise exposure and Hearing Conservation program.	46.7%
	0.2CP		Formative assessment	6.6%
Student signature			Principle coordinator signature	Head of the department signature

NB *these topics are overlapped between module 1.1& module1.2



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Name of the unit training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Module 1.1: Adult Audiology medicine .	11CP	ENT Surgery department/ Audiology Unit	330 hours	100%
	5CP		-Attend out patient clinic of Audiology; 3hrs/day, one day / week for at least 50 weeks and fulfilling the required skills& cases and procedure log.	45.45% of training unit in year3
	5CP		-Attend Auditory Evoked Potential Unit 3hrs/day, one day / week for at least 50 weeks and fulfilling the required skills& cases and procedure log including cases discussion with the staff member.	45.45% of training unit in year 3
	0.5CP		-Attend clinical conference and seminars in Audiology UNIT ; 1hr/day , once/wk. for at least 22wks	4.5% of unit training in year 3
	0.5CP		Formative assessment	4.5% of unit training in year3
Student signature			Principle coordinator Signature	Head of the department signature



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Clinical case log Record of cases

H.N	Diagnosis & management of case	*Level of participation	Location	Signature of supervisor
Otitis externa	20			
Foreign body obstruction	5			
Meatal atresia	5			
Otitis media	75			
Acute/chronic cholesteatoma	50			
Serious otitis media	75			
Otosclerosis	75			
Trauma	50			
Meniere's Disease	25			
Noise-induced hearing loss	25			
Ototoxicity	50			
Viral/bacterial infections	50			
Presbycusis	50			
Sudden hearing loss	50			



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Metabolic/renal/vascular/ neurological/immunologica l disorders	50			
Neurofibromatosis	2			
Non-organic hearing loss	75			
Central auditory disorders	25			
Auditory neuropathy	50			
Acoustic neuroma	20			
Autoimmune inner ear disease	25			
Fluctuant hearing loss	50			
Occupational hearing loss	50			
Tinnitus & hyperacusis	100			
Unilateral sensorineural hearing loss	50			
Multiple handicapped patients	15			
Genetic hearing loss (syndromal & non- syndromal)	50			
Facial paralysis	20			

* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision



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Quality Assurance Unit

Module 1.1 „Adult Audiological Medicine“
Procedures log book
List of requirements'' ''

Procedure	Number	Procedure	Number
Clinical examination	100	Acoustic reflex measurements	100
Otосcopy	100	Special tests for site of lesion detection	100
Neurological examination	100	Auditory brainstem response	100
pure-tone audiometry	100	Bone conduction ABR	20
Speech audiometry	100	Otoacoustic emissions	100
Extended high frequency audiometry	100	Eustachian tube function tests	100
Tympanometry	100	Tinnitus matching tests	100
Stinger tests	100		



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Quality Assurance Unit

Module1.1 „Adult Audiological 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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"Adult Audiological Medicine" 1-Academic activates

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
Lectures			
Journal club			
Seminar			
Case presentation			
Workshop			
Lectures			
Journal club			
Seminar			
Case presentation			
Workshop			
Lectures			
Journal club			
Seminar			
Case presentation			
Workshop			

** Your role:-

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



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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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During the 4th year

Name of the unit training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Module 1.1: Adult Audio logical medicine.	4.5CP	ENT Surgery department/ Audiology Unit	195 hours	100% of unit training in year 4
	1.75CP		-Attend out patient clinic of Audiology; 2hrs/day, one day / week for at least 10 weeks and registration of practiced cases	38.9% of training unit in year 4
	1.75CP		-Attend Auditory Evoked Potential Unit 2hrs/day, one day / week for at least 10 weeks including cases discussion with the staff member.	38.9% of training unit in year 4
	0.75CP		-Attend clinical conference and seminars in Audiology UNIT ; 1hr/day , once/wk. for at least 12wks with active participation	16.7% of unit training in year 4
	0.25CP		Formative assessment	5.5% of unit training in year 4
Student signature			Principle coordinator Signature	Head of the department signature



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Module1.1 „Adult Audiological 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

Module 1.1 „Adult Audiological 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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Lecture, journal club, seminar, conference, workshop

Activity	**Your role	Date	Signature of supervisor
Lectures			
Journal club			
Seminar			
Case presentation			
Workshop			
Lectures			
Journal club			
Seminar			
Case presentation			
Workshop			
Lectures			
Journal club			
Seminar			
Case presentation			
Workshop			

** Your role:-

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



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Quality Assurance Unit

„Adult Audiological Medicine“
2- Academic achievements

Activity	**Your role	Date	Signature of supervisor



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**„Adult Audiological Medicine“
Formative assessment"**

Activity	**Your role	Date	Signature of supervisor



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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)
			(2)	(3)	(4)	(5)						
Demonstrate the competency of continuous evaluation of different types of care provision to patients in the different area of his field.												
Appraise scientific evidence.												
Continuously improve patient care based on constant self-evaluation and <u>life-long learning</u> .												
Participate in clinical audit and research projects.												



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General skills	could not judge (0)	strongly disagree(1)	↩ (2) (3)		↩ (4) (5)		↩ (6)		strongly agree (7)
Practice skills of evidence-based Medicine (EBM).									
Educate and evaluate students, residents and other health professionals.									
Design logbooks.									
Design clinical guidelines and standard protocols of management.									
Appraise evidence from scientific studies related to the patients' health problems.									
Apply knowledge of study designs and statistical methods to the appraisal of clinical studies.									
Use information technology to manage information, access on-line medical information; for the important topics.									
Master interpersonal and communication skills that result in the effective <u>exchange of information and collaboration</u> with patients, their families, and health professionals, including:- <ul style="list-style-type: none"> • <u>Present a case.</u> • <u>Write a consultation note.</u> • <u>Inform patients</u> of a diagnosis and therapeutic plan Completing and maintaining comprehensive. • Timely and legible <u>medical records.</u> • Teamwork skills. 									



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General skills	could not judge (0)	strongly disagree(1)	↩		↩		(6)	strongly agree (7)
			(2)	(3)	(4)	(5)		
Create and sustain a therapeutic and ethically sound relationship with patients.								
Elicit and provide information using effective nonverbal, explanatory, questioning, and writing skills.								
Work effectively with others as a member or leader 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, and business practices.								
Demonstrate sensitivity and responsiveness to patients' culture, age, gender, and disabilities.								
Work effectively in health care delivery settings and systems related to specialty including good administrative and time management.								
Practice cost-effective healthcare and resource allocation that does not compromise quality of care.								



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General skills	could not judge (0)	strongly disagree(1)	 (2) (3)		 (4) (5)		 (6)	strongly agree (7)
			Advocate for quality patient care and assist patients in dealing with system complexities.					
Design, monitor and evaluate specification of under and post graduate courses and programs.								
Act as a chair man for scientific meetings including time management								



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Course 7; Module 1.2: Paediatric Audiological medicine

Requirements:

- Total CP: 36CP; 6 CP for didactic teaching in the 2nd and 3rd years and 30 CP for clinical training are distributed during 4 years of the study.
- Training Credit points are distributed all over 4 years as the following; 5 CP in the 1st year, 10 CP for each year 2 & year 3, and 5CP for 4th year.
- Minimal rate of attendance is 80% of didactic and training.



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Training unit in year 1

Name of the unit training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Course 7; Module 1.2: Pediatric Audiological medicine.	5CP	ENT Surgery department/ Audiology Unit	150 hours	100% of unit training in year 1
	2CP		-Attend out patient clinic of Audiology; 2hrs/day, one day / week for at least 30 weeks and fulfilling the required skills& cases and procedure log.	40% of unit training in year 1
	<u>2CP</u> <u>1CP for each</u>		-Attend Auditory Evoked Potential Unit 1.5hrs/day, one day / week for at least 30weeks and fulfilling the required skills& cases and procedure log. - Attend Oto Acoustic Emission Unit(OAE) 0.5hr/day, one day / week for at least 30weeks and fulfilling the required skills& cases and procedure log.	40% of unit training in year 1
	0.75CP		-Attend clinical postgraduate teaching in Audiology Unit and cases discussion with the staff member in the Audiology unit - Attend clinical conference and seminars: for at least 1 hr/day. once/wk. for at least 20 weeks.	15% of unit training in year 1
	0.25CP		Formative assessment	5% of unit training
Student signature			Principle coordinator Signature	Head of the department signature



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Clinical case log List of requirements

Case	Number	Case	Number
Meatal atresia	50	Metabolic and endocrine causes of sensorineural hearing loss	50
Glue ear	200	Syndromic, non-syndromic causes of sensorineural hearing loss	100
Otitis media	100	conductive hearing loss.	200
Cleft palate	30	Central auditory disorders.	40
Disruption of ossicular chain	30	Autoimmune hearing loss	50
Ototoxicity	50	Auditory neuropathy	100
Noise-induced hearing loss	50	Progressive hearing loss	100
Rhesus incompatibility	20	Multiple handicapped children	50
Non-organic hearing loss	50	Speech and language disorders	50
Unilateral deafness	100	Learning disabilities	50
Tinnitus & hyperacusis in children	30	Attention deficit disorder	50
Bacterial and viral conditions causing sensorineural hearing loss	100	Autism spectrum disorder	50



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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**

Case	Number	Case	Number

- * Level of participation
- A- Plan and carry out
 - B- Carry out
 - C- Carry out under supervision



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Module 1.2: “Pediatric Audiological Medicine”1st year
Procedures log book
List of requirements

Procedure	Number	Procedure	Number
Clinical assessment		Acoustic reflex measurements	100
Otoscopy	100	Acoustic reflex decay test	50
Free Field Audiometry	100	Eustachian Tube function tests	50
Play pure tone audiometry	100	Central auditory test battery	25
Speech audiometry	100	Auditory brainstem response	100
Tympanometry	100	Bone conduction ABR	25
Acoustic reflex measurements	100	Otoacoustic emissions	75



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“Pediatric Audiological Medicine”1st year

1- Academic activates

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

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
Lectures			
Seminars			
Journal club			
Clinical case presentation			
Workshops			
Lectures			
Seminars			
Journal club			
Clinical case presentation			
Workshops			
Lectures			
Seminars			
Journal club			
Clinical case presentation			
Workshops			

** Your role:-

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



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“Pediatric Audiological Medicine” 1st year
2- Academic achievements

Activity	**Your role	Date	Signature of supervisor

Formative assessment

Activity	**Your role	Date	Signature of supervisor



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Quality Assurance Unit

Module 1.2: Paediatric Audiological medicine Didactics unit in year2

Name of the unit	Credit points	Responsible department	Attendance	Percentage of Achieved points
Course 7: module 1.2: Pediatric audiological medicine	3 CP	ENT surgery department, Audio logy unit.	30 hours	100% of didactics unit in year 2
	1.4CP		<u>Assessment of hearing loss in children:14h</u> History. Clinical examination. Free field evaluation. Play audiometry. ABR.	46.7% of didactics unit in year 2
	1.4CP		<u>Introduction to auditory evoked potential*:14h</u> Cortical Event-related Potential to Auditory stimuli: P300 Mismatch negativity N 400 P600	46.7% of didactics unit in year 2
	0.2CP		Formative assessment	6.6% of didactics unit in year 2
Student signature			Principle coordinator signature	Head of the department signature

NB *These topics is overlapped between module 1.1& module1.2



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Quality Assurance Unit

Unit training in year 2

Name of the unit training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Course 7; Module1.2: Pediatric Audiological medicine	10CP	ENT Surgery department/ Audiology Unit	300 hours	100%
	4.5CP		-Attend out patient clinic of Audiology; 5hrs/day, one day / week for at least 27 weeks and fulfilling the required skills& cases and procedure log.	40% of unit training in year 2
	4.5CP 2.25CP for each		-Attend Auditory Evoked Potential Unit 4hrs/day, one day / week for at least 27weeks and fulfilling the required skills& cases and procedure log. - Attend Oto Acoustic Emission Unit(OAE) 1hr/day, one day / week for at least 30weeks and fulfilling the required skills& cases and procedure log.	40% of unit training in year 2
	0.5CP		clinical postgraduate teaching in Audiology Unit and cases discussion with the staff member in the Audiology unit And Attend clinical conference and seminars: for at least 1 hr/day. once/wk. for at least 22 weeks	10% of unit training in year 2
	0.5CP		Formative assessment	10% of unit training
Student signature			Principle coordinator Signature	Head of the department signature



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Clinical case log List of requirements

Case	Number	Case	Number
Meatal atresia	50	Metabolic and endocrine causes of sensorineural hearing loss	50
Glue ear	200	Syndromic, non-syndromic causes of sensorineural hearing loss	100
Otitis media	100	conductive hearing loss.	200
Cleft palate	30	Central auditory disorders.	40
Disruption of ossicular chain	30	Autoimmune hearing loss	50
Ototoxicity	50	Auditory neuropathy	100
Noise-induced hearing loss	50	Progressive hearing loss	100
Rhesus incompatibility	20	Multiple handicapped children	50
Non-organic hearing loss	50	Speech and language disorders	50
Unilateral deafness	100	Learning disabilities	50
Tinnitus & hyperacusis in children	30	Attention deficit disorder	50
Bacterial and viral conditions causing sensorineural hearing loss	100	Autism spectrum disorder	50



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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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**Module 1.2: “Pediatric Audiological Medicine, 2nd year
Procedures log book
List of requirements**

Procedure	Number	Procedure	Number
Clinical assessment		Acoustic reflex measurements	100
Otосcopy	100	Acoustic reflex decay test	50
Free Field Audiometry	100	Eustachian Tube function tests	50
Play pure tone audiometry	100	Central auditory test battery	30
Speech audiometry	100	Auditory brainstem response	100
Tympanometry	100	Bone conduction ABR	25
Otoacoustic emissions	100		



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Module 1.2: "Pediatric Audiological Medicine" 2nd year

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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“Pediatric Audiological Medicine”2nd year

1- Academic activates

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

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
Lectures			
Seminars			
Journal club			
Clinical case presentation			
Workshops			
Lectures			
Seminars			
Journal club			
Clinical case presentation			
Workshops			
Lectures			
Seminars			
Journal club			
Clinical case presentation			
Workshops			

** Your role:-

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



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“Pediatric Audiological Medicine” 2nd year

2- Academic achievements

Activity	**Your role	Date	Signature of supervisor

“Pediatric Audiological Medicine”

Clinical case log 2nd year

List of requirements

Case	Number	Case	Number



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Formative assessment

Activity	**Your role	Date	Signature of supervisor



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Didactics unit in year³

Name of the unit	Credit points	Responsible department	Attendance	Percentage of Achieved points
Course 7: module 1.2: Pediatric audiological medicine	3 CP	ENT surgery department, Audio logy unit.	30 hours	100% of didactics unit in year 3
	1.4CP		<u>Central Auditory processing :14h</u> Central Auditory Processing CAPD In children.	46.7% of didactics unit in year3
	1.4CP		<u>Miscellaneous*:14h</u> -Post traumatic Hearing loss. -Sudden SNHL. -Autoimmune Hearing loss. -Congenital hearing loss: a-Syndromic. b-Non syndromic -Speech and Language development. -Delayed Language Development. -Otoacoustic Emission -Noise exposure and Hearing Conservation program.	46.7% of didactics unit in year3
	0.2CP		Formative assessment	6.6% of didactics unit in year 3
Student signature			Principle coordinator signature	Head of the department signature



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Didactics

Date	Attendance	Topic	Signature



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Module 1.2: Paediatric Audiological medicine Unit training in year 3

Name of the unit training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Module1.2: Pediatric Audiological medicine	10CP	ENT Surgery department/ Audiology Unit	300 hours	100% of unit training in year 3
	4.5CP		-Attend out patient clinic of Audiology; 5hrs/day, one day / week for at least 27 weeks and fulfilling the required skills& cases and procedure log.	40% of training unit in year 3
	4.5CP		-Attend Auditory Evoked Potential Unit 4hrs/day, one day / week for at least 27weeks and fulfilling the required skills& cases and procedure log. - Attend Oto Acoustic Emission Unit (OAE) 1hr/day, one day / week for at least 30weeks and fulfilling the required skills& cases and procedure log.	40% of unit training in year 3



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	0.5CP		-Attend postgraduate clinical teaching in Audiology Unit and cases discussion with the staff member in the Audiology unit And Attend clinical conference and seminars: for at least 1 hr/day. once/wk. for at least 22 weeks.	10% of unit training in year 3
	0.5CP		Formative assessment	10% of unit training in year 3
Student signature			Principle coordinator Signature	Head of the department signature



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Clinical case log List of requirements

Case	Number	Case	Number
Meatal atresia	50	Metabolic and endocrine causes of sensorineural hearing loss	50
Glue ear	200	Syndromic, non-syndromic causes of sensorineural hearing loss	100
Otitis media	100	conductive hearing loss.	200
Cleft palate	30	Central auditory disorders.	40
Disruption of ossicular chain	30	Autoimmune hearing loss	50
Ototoxicity	50	Auditory neuropathy	100
Noise-induced hearing loss	50	Progressive hearing loss	100
Rhesus incompatibility	20	Multiple handicapped children	50
Non-organic hearing loss	50	Speech and language disorders	50
Unilateral deafness	100	Learning disabilities	50
Tinnitus & hyperacusis in children	30	Attention deficit disorder	50
Bacterial and viral conditions causing sensorineural hearing loss	100	Autism spectrum disorder	50



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**Clinical case log, 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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Module1.2 “Pediatric Audiological Medicine”
Procedures log book, 3rd year
List of requirements

Procedure	Number	Procedure	Number
Clinical assessment		Acoustic reflex measurements	100
Otoscopy	100	Acoustic reflex decay test	50
Free Field Audiometry	100	Eustachian Tube function tests	50
Play pure tone audiometry	100	Central auditory test battery	30
Speech audiometry	100	Auditory brainstem response	50
Tympanometry	100	Bone conduction ABR	25
Otoacoustic emissions	50		



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Module 1.2 “Pediatric Audiological Medicine”
Procedure of log book, 3rd year
Record of procedure

HN	Procedure	Level of competency*	Location	Signature

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



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“Pediatric Audiological Medicine”

1- Academic activates, 3rd year

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

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
Lectures			
Seminars			
Journal club			
Clinical case presentation			
Workshops			
Lectures			
Seminars			
Journal club			
Clinical case presentation			
Workshops			
Lectures			
Seminars			
Journal club			
Clinical case presentation			
Workshops			

** Your role:-

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



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“Pediatric Audiological Medicine” 3rd year
2- Academic achievements

Activity	**Your role	Date	Signature of supervisor

“Pediatric Audiological Medicine”
Formative assessment"

Activity	**Your role	Date	Signature of supervisor



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Module1. 2: Pediatric Audiological medicine Training in 4th year

Name of the unit training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Module 1.2 : Pediatric Audiological medicine	5CP	ENT Surgery department/ Audiology Unit	150 hours	100%
	2CP		-Attend out patient clinic of Audiology; 2hrs/day, one day / week for at least 10 weeks and registration of practiced cases	40% of unit training in year4
	2CP		-Attend Auditory Evoked Potential Unit 1.5hrs/day, one day / week for at least 10 weeks and registration of practiced procedures. - Attend Oto Acoustic Emission Unit (OAE) 0.5hr/day, one day / week for at least 30weeks and fulfilling the required skills& cases and procedure log.	40% of unit training in year 4
	0.5CP		Attend post graduate clinical teaching in Audiology Unit and cases discussion with the staff member in the Audiology unit And Attend clinical conference and seminars: for at least 1 hr/day. once/wk. for at least10 weeks	10% of unit training in year 4
	0.5CP		Formative assessment	10% of unit training in year 4
	Student signature			Principle coordinator Signature



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“Pediatric Audiological Medicine”, 4th year

1- Academic activates

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

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
Lectures			
Seminars			
Journal club			
Clinical case presentation			
Workshops			
Lectures			
Seminars			
Journal club			
Clinical case presentation			
Workshops			
Lectures			
Seminars			
Journal club			
Clinical case presentation			

** Your role:-

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



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“Pediatric Audiological Medicine” 4th year

2- Academic achievements

Activity	**Your role	Date	Signature of supervisor

“Pediatric Audiological Medicine” Formative assessment" multiple pages"

Activity	**Your role	Date	Signature of supervisor



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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)
			(2)	(3)	(4)	(5)						
Demonstrate the competency of continuous evaluation of different types of care provision to patients in the different area of his field.												
Appraise scientific evidence.												
Continuously improve patient care based on constant self-evaluation and <u>life-long learning</u> .												
Participate in clinical audit and research projects.												



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General skills	could not judge (0)	strongly disagree(1)	↩ (2) (3)		↩ (4) (5)		↩ (6)		strongly agree (7)
Practice skills of evidence-based Medicine (EBM).									
Educate and evaluate students, residents and other health professionals.									
Design logbooks.									
Design clinical guidelines and standard protocols of management.									
Appraise evidence from scientific studies related to the patients' health problems.									
Apply knowledge of study designs and statistical methods to the appraisal of clinical studies.									
Use information technology to manage information, access on-line medical information; for the important topics.									
Master interpersonal and communication skills that result in the effective <u>exchange of information and collaboration</u> with patients, their families, and health professionals, including:- <ul style="list-style-type: none"> • <u>Present</u> a case. • <u>Write</u> a consultation note. • <u>Inform patients</u> of a diagnosis and therapeutic plan Completing and maintaining comprehensive. • Timely and legible <u>medical records</u>. • Teamwork skills. 									



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General skills	could not judge (0)	strongly disagree(1)	↩ (2) (3)		↩ (4) (5)		↩ (6)	strongly agree (7)
Create and sustain a therapeutic and ethically sound relationship with patients.								
Elicit and provide information using effective nonverbal, explanatory, questioning, and writing skills.								
Work effectively with others as a member or leader 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, and business practices.								
Demonstrate sensitivity and responsiveness to patients' culture, age, gender, and disabilities.								
Work effectively in health care delivery settings and systems related to specialty including good administrative and time management.								
Practice cost-effective healthcare and resource allocation that does not compromise quality of care.								



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General skills	could not judge (0)	strongly disagree(1)	 (2) (3)		 (4) (5)		 (6)	strongly agree (7)
Advocate for quality patient care and assist patients in dealing with system complexities.								
Design, monitor and evaluate specification of under and post graduate courses and programs.								
Act as a chair man for scientific meetings including time management								



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Course 7; Module 2: Acoustic Aids & Rehabilitation

Requirements:

- Total CP 36 CP; 6CP for didactic teaching in the 2nd and 3rd years with 3 CP for each year.
- 30 CP for clinical training are distributed as follows; 5CP for year 1, 10 CP for each; year 2 & year 3, and 5CP for year 4.
- Didactics unit; teachings topics of unit are displayed and learned at 2 levels; level 1 that are learned in year 2 including the introduction and basic knowledge; while level 2 are displayed in year 3 with advanced detailed knowledge of these topics.
- Minimal rate of attendance 80% of didactic and training



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First year training

Name of the unit training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Module 2: Acoustic Aids & Rehabilitation	5CP	ENT Surgery department/ Audiology Unit	150 hours	100%
	3CP		-Attend out patient hearing aids(HA) clinic of Audiology for follow up of Aided Adult and children patients; 3hrs/day , one day / week for at least 30weeks and fulfilling the required skills& cases and procedure log.	60% of training unit in year 1
	1CP		-Attend HA Fitting and programming on Hearing Aids Programming (HIPRO) And HA verification Assessment & preparation of children for CI operation programming & follow up : 1hr/day , one day / week for at least 30weeks and fulfilling the required skills& cases and procedure log.	20% of training unit in year 1
	0.75CP		Attend clinical conference and seminars for at least 1hr/day. once/wk. for at least 22 weeks together with postgraduate teaching in Audiology Unit and cases discussion with the staff member in the Audiology unit	15% of unit training in year1
	0.25CP		Formative assessment	5% of unit training in year 1
Student signature			Principle coordinator Signature	Head of the department signature



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Clinical case log List of requirements

Case	Number
Adults fitted with hearing aids	200
Children fitted with hearing aids& CI	250HA 50 CI
Children under speech therapy programs	300
Adults and children enrolled in audiological rehabilitative programs	300



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Module 2: Acoustic Aids 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



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Module 2:Acoustic Aids & Rehabilitation

List of requirements''

Procedure	Number
Hearing aid trials	300
Hearing aid follow up	300
Assessment of hearing aids, earmolds, batteries, tubing system, controls	300
Functional gain measures and aided audiometry	300
Insertion gain measures	100
Hearing aid& CI fitting	250HA 50CI
Programming of digital hearing aids&CI	75HA 25 CI
Patients and parents counseling	300
Vestibular repositioning techniques	100
Vestibular rehabilitation techniques	200
Rehabilitation for central auditory processing disorders	25



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Module 3: Acoustic Aids & Rehabilitation
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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Module 2: Acoustic Aids & Rehabilitation

1- Academic activities

Lecture, journal club, seminar, conference, workshop

Activity	Your role **	Date	Signature of supervisor
Lectures			
Seminars			
Workshops			
Journal club			
Clinical case presentation			
Lectures			
Seminars			
Workshops			
Journal club			
Clinical case presentation			
Lectures			

** Your role:-

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



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2- Academic achievements

Activity	**Your role	Date	Signature of supervisor



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Module2:Acoustic Aids& Rehabilitation Formative assessment

Activity	**Your role	Date	Signature of supervisor



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Didactics unit level I in year 2

Name of the unit	Credit points	Responsible department	Attendance	Percentage of Achieved points
Course 7: module 2: Acoustic Aids & Rehabilitation	3 CP	ENT surgery department, Audiology unit.	30 hours	100% of didactics unit in year 2
	<u>2.8CP</u>		Level I (Basic knowledge 28h)/3.5h for each -Components and basic controls. -Ear molds and venting. -Room Acoustics and Auditory rehabilitation Technology. -Hearing aid technology. -Troubleshooting Hearing aids. -Hearing aid fitting and verification in adults. -Hearing aid fitting and verification in children. -Insertion gain and functional gain. Cochlear Implants : Candidacy -types Pre operative Assessment Fitting Post operative mapping & follow up	93.4% of didactics unit in year 2
	<u>0.35CP for each</u>			Formative assessment
Student signature	0.2CP		Principle coordinator signature	Head of the department signature



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Didactics

Date	Attendance	Topic	Signature



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Module 3: Acoustic Aids & Rehabilitation

Unit training in 2nd year

Name of the unit training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Module 2: Acoustic Aids & Rehabilitation	10CP	ENT Surgery department/ Audiology Unit	300 hours	100%
	6CP		-Attend out patient HA clinic of Audiology for follow up of Aided Adult and children Attend CI CLINICS for children patients; 3hrs/day , two days / week for at least 30weeks and fulfilling the required skills& cases and procedure log.	60% of training unit in year 2
	2 CP		-Attend HA Fitting and programming on HIPRO And HA verification : 2hr/day , one day / week for at least 30weeks and fulfilling the required skills& cases and procedure log.	20% of unit training in year 2
	0.75CP		-Enrolled in postgraduate teaching in Audiology Unit and cases discussion with the staff member in the Audiology unit for at least 1hr/day. once/wk. for at least 25 weeks .	7.5% of unit training in year 2
	0.75CP		Attend clinical conference and seminars for at least 1hr/day. once/wk. for at least 25 weeks	7.5% of unit training in year 2
	0.5CP		Formative assessment	5% of unit training
Student signature			Principle coordinator Signature	Head of the department signature



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Clinical case log, 2nd year List of requirements

Case	Number
Adults fitted with hearing aids	200
Children fitted with hearing aids&CI	250HA 50 CI
Children under speech therapy programs	300
Adults and children enrolled in audiological rehabilitative programs	300
Rehabilitation of Adults with peripheral vestibular disorders	200
Rehabilitation of Adults with central vestibular disorders	100
Rehabilitation of Children with vestibular disorders	50
Patients under repositioning techniques	100



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Module 2: Acoustic Aids & Rehabilitation
Clinical case log, 2nd 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 2: Acoustic Aids & Rehabilitation List of requirements "2nd year

Procedure	Number	Procedure	Number
Hearing aid trials	300	Insertion gain measures	100
Hearing aid follow up	300	Hearing aid fitting	300
Assessment of hearing aids, earmolds, batteries, tubing system, controls	300	Programming of digital hearing aids	100
Functional gain measures and aided audiometry	300	Patients and parents counseling	300
Insertion gain measures	100	Vestibular repositioning techniques	100
Hearing aid fitting	300	Vestibular rehabilitation techniques	200
Programming of digital hearing aids	100	Rehabilitation for central auditory processing disorders	25
Preoperative assessment for children of CI			
Mapping of Cochlear Implant			
Post-operative follow up			
Fitting & Programming of CI			



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Module 2: Acoustic Aids & Rehabilitation
Procedure of log book, 2nd year
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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Module 2: Acoustic Aids & Rehabilitation

1- Academic activates, 2nd year

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

Activity	Your role **	Date	Signature of supervisor
Lectures			
Seminars			
Workshops			
Journal club			
Clinical case presentation			
Lectures			
Seminars			
Workshops			
Journal club			
Clinical case presentation			
Lectures			

** Your role:-

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



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2- Academic achievements

Activity	**Your role	Date	Signature of supervisor



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Module 2: Acoustic Aids & Rehabilitation
Formative assessment 2nd year

Activity	**Your role	Date	Signature of supervisor



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Didactics unit level II in year 3

Name of the unit	Credit points	Responsible department	Attendance	Percentage of Achieved points	
Course 7: module 2: Acoustic Aids & Rehabilitation	3 CP	ENT surgery department, Audiology unit.	30 hours	100% of didactics unit in year 3	
	<u>2.8CP</u>		<p style="text-align: center;">Level II (Advanced knowledge 28h)/3.5h for each</p> <ul style="list-style-type: none"> -Components and basic controls. -Ear molds and venting. -Room Acoustics and Auditory rehabilitation Technology. -Hearing aid technology. -Troubleshooting Hearing aids. -Hearing aid fitting and verification in adults. -Hearing aid fitting and verification in children. -Insertion gain and functional gain. Cochlear Implants : Candidacy -types Pre operative Assessment Fitting Post operative mapping & follow up 	93.4% of didactics unit in year 3	
	<u>0.35CP for each</u>				
	<u>0.2CP</u>			Formative assessment	6.6% of didactics unit in year 3
Student signature			Principle coordinator signature	Head of the department signature	



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Didactics

Date	Attendance	Topic	Signature



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Unit training in year 3

Name of the unit training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Module 2: Acoustic Aids & Rehabilitation	10CP	ENT Surgery department/ Audiology Unit	300 hours	100%
	6CP		-Attend out patient HA&CI clinic of Audiology for follow up of Aided Adult and children patients; 3hrs/day , two days / week for at least 30weeks and fulfilling the required skills& cases and procedure log.	60% of training unit in year 3
	2 CP		-Attend HA Fitting and programming on HIPRO And HA verification : 2hr/day , one day / week for at least 30weeks and fulfilling the required skills& cases and procedure log.	20% of unit training in year 3
	0.75CP		Enrolled in postgraduate teaching in Audiology Unit and cases discussion with the staff member in the Audiology unit for at least 1hr/day. once/wk. for at least 25 weeks	7.5% of unit training in year 3
	0.75CP		Attend clinical conference and seminars for at least 1hr/day. once/wk. for at least 25 weeks	7.5% of unit training in year 3
	0.5CP		Formative assessment	5% of unit training in year 3
Student signature			Principle coordinator Signature	Head of the department signature



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Clinical case log, 3rd year List of requirements

Case	Number
Adults fitted with hearing aids	200
Children fitted with hearing aids&CI	250HA 50CI
Children under speech therapy programs	300
Adults and children enrolled in audiological rehabilitative programs	300
Rehabilitation of Adults with peripheral vestibular disorders	200
Rehabilitation of Adults with central vestibular disorders	100
Rehabilitation of Children with vestibular disorders	50
Patients under repositioning techniques	100



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Module 2: Acoustic Aids & Rehabilitation
Clinical case log, 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 2: Acoustic Aids & Rehabilitation

List of requirements''3rd year

Procedure	Number
Hearing aid trials	300
Hearing aid follow up	300
Assessment of hearing aids, earmolds, batteries, tubing system, controls	300
Functional gain measures and aided audiometry	300
Insertion gain measures	100
Hearing aid&CI fitting	300
Programming of digital hearing aids&CI	75 HA 25 CI
Patients and parents counseling	300
Vestibular repositioning techniques	100
Vestibular rehabilitation techniques	200
Rehabilitation for central auditory processing disorders	25



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Module 2: Acoustic Aids & Rehabilitation
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

Procedure of log book, 3rd year
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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Module 2: Acoustic Aids & Rehabilitation

1- Academic activates, 3rd year

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

Activity	Your role **	Date	Signature of supervisor
Lectures			
Seminars			
Workshops			
Journal club			
Clinical case presentation			
Lectures			
Seminars			
Workshops			
Journal club			
Clinical case presentation			
Lectures			
Seminars			

** Your role:-

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



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2- Academic achievements in 3rd year

Activity	**Your role	Date	Signature of supervisor



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Module2: Acoustic Aids & Rehabilitation
Formative assessment in 3rd year

Activity	**Your role	Date	Signature of supervisor



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Module2: Acoustic Aids and rehabilitation In 4th year

Name of the unit training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Module 2: Acoustic Aids & Rehabilitation	5CP	ENT Surgery department/ Audiology Unit	150 hours	100%
	1.75CP		-Attend out patient HA clinic of Audiology for follow up of Aided Adult and children patients; 3hrs/day , one day / week for at least 10 weeks	35% of training unit in year 4
	1.75CP		-Attend HA Fitting and programming on HIPRO And HA verification : 1hr/day , one day / week for at least 10weeks together with postgraduate teaching in Audiology Unit and cases discussion with the staff member in the Audiology unit	35% of training unit in year 4
	0.5CP		Attend clinical conference and seminars for at least 1hr/day. once/wk. for at least 10 weeks	10% of training unit in year 4
	1CP		Formative assessment	20% of training unit in year 4
Student signature			Principle coordinator Signature	Head of the department signature



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Module 2: Acoustic Aids & Rehabilitation
Clinical case log, 3rd year
Record of cases"

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



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Module 2: Acoustic Aids & Rehabilitation
Clinical case log, 3rd year
Record of cases"

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



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Module 2: Acoustic Aids & Rehabilitation 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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Module 2: Acoustic Aids & Rehabilitation 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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Module 2: Acoustic Aids & Rehabilitation, 4th year

1- Academic activates

Lecture, journal club, seminar, conference, workshop'' ''

Activity	Your role **	Date	Signature of supervisor
Lectures			
Seminars			
Workshops			
Journal club			
Clinical case presentation			
Lectures			
Seminars			
Workshops			
Journal club			
Clinical case presentation			
Lectures			

** Your role:-

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



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2- Academic achievements 4th year

Activity	**Your role	Date	Signature of supervisor



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Module 2: Acoustic Aids & Rehabilitation, 4th year
Formative assessment

Activity	**Your role	Date	Signature of supervisor



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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)
Demonstrate the competency of continuous evaluation of different types of care provision to patients in the different area of his field.								
Appraise scientific evidence.								
Continuously improve patient care based on constant self-evaluation and <u>life-long learning</u> .								
Participate in clinical audit and research projects.								



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General skills	could not judge (0)	strongly disagree(1)	↩ (2) (3)		↩ (4) (5)		↩ (6)		strongly agree (7)
Practice skills of evidence-based Medicine (EBM).									
Educate and evaluate students, residents and other health professionals.									
Design logbooks.									
Design clinical guidelines and standard protocols of management.									
Appraise evidence from scientific studies related to the patients' health problems.									
Apply knowledge of study designs and statistical methods to the appraisal of clinical studies.									
Use information technology to manage information, access on-line medical information; for the important topics.									
Master interpersonal and communication skills that result in the effective <u>exchange of information and collaboration</u> with patients, their families, and health professionals, including:- <ul style="list-style-type: none"> • <u>Present a case.</u> • <u>Write a consultation note.</u> • <u>Inform patients</u> of a diagnosis and therapeutic plan Completing and maintaining comprehensive. • Timely and legible <u>medical records.</u> • Teamwork skills. 									



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General skills	could not judge (0)	strongly disagree(1)	 (2) (3)		 (4) (5)		 (6)	strongly agree (7)
Create and sustain a therapeutic and ethically sound relationship with patients.								
Elicit and provide information using effective nonverbal, explanatory, questioning, and writing skills.								
Work effectively with others as a member or leader 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, and business practices.								
Demonstrate sensitivity and responsiveness to patients' culture, age, gender, and disabilities.								
Work effectively in health care delivery settings and systems related to specialty including good administrative and time management.								
Practice cost-effective healthcare and resource allocation that does not compromise quality of care.								



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General skills	could not judge (0)	strongly disagree(1)	 (2) (3)		 (4) (5)		 (6)	strongly agree (7)
			Advocate for quality patient care and assist patients in dealing with system complexities.					
Design, monitor and evaluate specification of under and post graduate courses and programs.								
Act as a chair man for scientific meetings including time management								



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Course 7; Module 3: Balance Disorders (Vestibular medicine)

Requirements:

- Total CP; 36CP. 6CP for didactic teaching in the 2nd and 3rd years with 3 CP for each year.
- 30CP for clinical training all over training years, are divided as follows; 5 CP in the 1st year, 10 CP for each (the 2nd and 3rd years) and 5 CP for 4th year.
- Minimal rate of required attendance of didactics and training is 80%.
- Didactics unit; teachings topics of unit are displayed and learned at 2 levels; level 1 that are learned in year 2 including the introduction and basic knowledge; while level 2 are displayed in year 3 with advanced detailed knowledge of these topics.



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Unit 3; Training in 1st year

Name of the unit training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Module 3: Balance Disorders (Vestibular medicine)	5CP	ENT Surgery department/ Audiology Unit	150 hours	100%
	3 CP		-Attend outpatient Vestibular(Videonystagmography),VEMP&HIT clinic; 3hrs/day, one day / week for at least 30 weeks and fulfilling the required skills& cases and procedure log.	60% of training unit in year 1
	1.25CP		Carry out the Bedside (Office Balance testing) and Frenzel Glass Evaluation for the Dizzy Patients: 1.25hrs/day, one day / week for at least 30 weeks and fulfilling the required skills& cases and procedure log.	25% of unit training in year 1
	0.5CP		Attend clinical postgraduate teaching in Audiology Unit and cases discussion with the staff member in the Audiology unit; 2hr/day, once/wk. for at least 90 wks -Attend clinical conference and seminars for at least 1 hrs/day. once/wk. for at least 15 weeks	10% of unit training in year 1
	0.25CP		Formative assessment	5% of unit training in year 1
Student signature			Principle coordinator Signature	Head of the department signature



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Clinical case log List of requirements

Case	Number
Labyrinthitis and vestibular infections	20
Vestibular neuritis	20
Meniere's Disease & endolymphatic hydrops	50
Traumatic vestibular disorders	20
Benign positional vertigo of paroxysmal type	50
Vascular disorders giving rise to disequilibrium	50
Neurological causes of imbalance	50
general medical causes of vertigo imbalance	50
Central vestibular disorders	50
Disorders of otolith organs	50
Superior Canal Dehiscence Syndrome	10
Migraine-Associated Vertigo	25
Pre-lymphatic fistula	25
Vestibular Paroxysmia	25
Bilateral Vestibular Disorders	30
Psychogenic vertigo	25
Auto-immune disease	20
Visual vertigo	25
Motion sickness	25
Syndromes associated with vestibular dysfunction	30



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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
List of requirements

Procedure	Number	Procedure	Number
Clinical evaluation	100	Electronystagmography /VNG	100
Bed side (office balance tests for vestibulo-ocular reflex)	100	Vestibular rehabilitation therapy (VRT)	100
Bed side (office balance tests for vestibulo-spinal reflex)	100	Repositioning techniques	50
Bed side (office balance tests for otolith function)	100		
Vestibular Evoked Myogenic potential VEMP	25	Head Impulse Test HIT	25



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Module 3 "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

Module 3; "Vestibular Medicine "
1- Academic activates

Lecture, journal club, seminar, conference, workshop

Activity	**Your role	Date	Signature of supervisor
Lectures			
Seminars			
Journal club			
Clinical case presentation			
Workshops			
Lectures			
Seminars			
Jornal club			
Clinical case presentation			

** 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



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Didactics unit3; level I in year 2

Name of the unit	Credit points	Responsible department	Attendance	Percentage of Achieved points
Course 7: module 3: Vestibular medicine	3 CP	ENT surgery department, Audiology unit.	30 hours	100% of didactics unit in year 2
	<u>2.8CP</u>		Level I (Basic knowledge 28h)/7h for <u>each</u>	93.4% of didactics unit in year 2
	<u>0.7CP for each</u>		- Clinical neurophysiology of the vestibular system: 2.8 CP -History, clinical examination, Office balance (bedside test). -Evaluation of patients with dizziness and balance disorders. -Vestibular evaluation in children. Electronystagmography(ENG) and Videonystagmography(VNG). Vestibular Evoked Myogenic Potential (VEMP). Head Impulse Test (HIT)	
	0.2CP		Formative assessment	6.6% of didactics unit in year 2
Student signature			Principle coordinator signature	Head of the department signature



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Didactics

Date	Attendance	Topic	Signature



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Module 3: Balance Disorders (Vestibular medicine)

Training unit in 2nd year (10 CP)

Name of the unit training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Module 3: Balance Disorders (Vestibular medicine)	10CP	ENT Surgery department/ Audiology Unit	150 hours	100%
	5.5CP		-Attend out patient Vestibular VNG (Videonystagmography) clinic ; 3hrs/day, two days / week for at least 30 weeks and fulfilling the required skills & cases and procedure log. Attend out patient VEMP & HIT clinic ;	55% of training unit in year 2
	2.75CP		Carry out the Bedside (Office Balance testing) and Frenzel Glass Evaluation for the Dizzy Patients: 2.75hrs/day, one day / week for at least 30 weeks and fulfilling the required skills & cases and procedure log.	27.5% of unit training in year 2
	0.5CP		Attend clinical postgraduate teaching and cases discussion with the staff member; 1hr/day, once/wk. for at least 15 wks.	5% of unit training in year 2
	0.5CP		-Attend clinical conference and seminars for at least 1 hrs/day. once/wk. for at least 15 weeks.	5% of unit training in year 2
	0.75CP		Formative assessment	7.5% of unit training in year 2
Student signature			Principle coordinator Signature	Head of the department signature



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Clinical case log List of requirements

Case	Number	Case	Number
Labyrinthitis and vestibular infections	20	Superior Canal Dehiscence Syndrome	10
Vestibular neuritis	20	Migraine-Associated Vertigo	25
Menière's Disease & endolymphatic hydrops	50	Prelymphatic fistula	25
Traumatic vestibular disorders	20	Vestibular Paroxysmia	25
Benign positional vertigo of paroxysmal type	50	Bilateral Vestibular Disorders	30
Vascular disorders giving rise to disequilibrium	50	Psychogenic vertigo	25
Neurological causes of imbalance	50	Auto-immune disease	20
general medical causes of vertigo imbalance	50	Visual vertigo	25
Central vestibular disorders	50	Motion sickness	25
Disorders of otolith organs	50	Syndromes associated with vestibular dysfunction	30



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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

Module 3 "Vestibular Medicine "
Procedures log book
List of requirements

Procedure	Number	Procedure	Number
Clinical evaluation	100	Electronystagmography /VNG	100
Bed side (office balance tests for vestibule-ocular reflex)	100	Vestibular rehabilitation therapy (VRT)	100
Bed side (office balance tests for vestibule-spinal reflex)	100	Repositioning techniques	50
Bed side (office balance tests for otolith function)	100	VEMP & HIT	50



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Module 3 "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 activates

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

Activity	**Your role	Date	Signature of supervisor
Lectures			
Seminars			
Journal club			
Clinical case presentation			
Workshops			
Lectures			
Seminars			
Journal club			
Clinical case presentation			

- ** Your role: -
A- Attendance
B- Organization
C- Presentation



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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 activates

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

Activity	**Your role	Date	Signature of supervisor
Lectures			
Seminars			
Journal club			
Clinical case presentation			
Workshops			
Lectures			
Seminars			
Journal club			
Clinical case presentation			

** Your role: -

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



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"Vestibular Medicine 2- Academic achievements

Activity	**Your role	Date	Signature of supervisor

"Vestibular Medicine" Formative assessment"

Activity	**Your role	Date	Signature of supervisor



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Didactics unit level II in year 3

Name of the unit	Credit points	Responsible department	Attendance	Percentage of Achieved points
Course 7: module 3: Vestibular medicine	3 CP	ENT surgery department, Audiology unit.	30 hours	100% of didactics unit in year 2
	<u>2.8CP</u>		Level II (<u>Advanced knowledge 28h</u>)/7h <u>for each</u>	93.4% of didactics unit in year 3
	<u>0.7CP for each</u>		- Clinical neurophysiology of the vestibular system: 2.8 CP -History, clinical examination, Office balance (bedside test). -Evaluation of patients with dizziness and balance disorders. -Vestibular evaluation in children. Electronystagmography(ENG) and Videonystagmography(VNG) . Vestibular Evoked Myogenic Potential (VEMP). Head Impulse Test (HIT)	
	0.2CP		Formative assessment	6.6% of didactics unit in year 3
Student signature			Principle coordinator signature	Head of the department signature



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Didactics

Date	Attendance	Topic	Signature



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Module 3: Balance Disorders (Vestibular medicine)

Training unit in 3rd year (10 CP)

Name of the unit training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Module 3: Balance Disorders (Vestibular medicine)	10CP	ENT Surgery department/ Audiology Unit	150 hours	100%
	5.5CP		-Attend out patient Vestibular VNG (Videonystagmography) VEMP & HIT clinic; 3hrs/day, two days / week for at least 30 weeks and fulfilling the required skills & cases and procedure log.	55% of training unit in year 3
	2.75CP		Carry out the Bedside (Office Balance testing) and Frenzel Glass Evaluation for the Dizzy Patients: 2.75hrs/day, one day / week for at least 30 weeks and fulfilling the required skills & cases and procedure log.	27.5% of unit training in year 3
	0.5CP		Attend clinical postgraduate teaching and cases discussion with the staff member; 1hr/day, once/wk. for at least 15 wks.	5% of unit training in year 3
	0.5CP		-Attend clinical conference and seminars for at least 1 hrs/day, once/wk. for at least 15 weeks.	5% of unit training in year 3
	0.75CP		Formative assessment	7.5% of unit training in year 3
Student signature			Principle coordinator Signature	Head of the department signature



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Clinical case log List of requirements

Case	Number	Case	Number
Labyrinthitis and vestibular infections	20	Migraine-Associated Vertigo	25
Vestibular neuritis	20	Prelymphatic fistula	25
Menière's Disease & endolymphatic hydrops	50	Vestibular Paroxysmia	25
Traumatic vestibular disorders	20	Bilateral Vestibular Disorders	30
Benign positional vertigo of paroxysmal type	50	Psychogenic vertigo	25
Vascular disorders giving rise to disequilibrium	50	Auto-immune disease	20
Neurological causes of imbalance	50	Visual vertigo	25
general medical causes of vertigo imbalance	50	Motion sickness	25
Central vestibular disorders	50	Syndromes associated with vestibular dysfunction	30
Disorders of otolith organs	50	Motion sickness	25
Superior Canal Dehiscence Syndrome	10	Syndromes associated with vestibular dysfunction	30



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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
List of requirements

Procedure	Number	Procedure	Number
Clinical evaluation	100	Electronystagmography /VNG	100
Bed side (office balance tests for vestibule-ocular reflex)	100	Vestibular rehabilitation therapy (VRT)	100
Bed side (office balance tests for vestibule-spinal reflex)	100	Repositioning techniques	50
Bed side (office balance tests for otolith function)	100	VEMP/HIT	50



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Module 3 "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 activates

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

Activity	**Your role	Date	Signature of supervisor
Lectures			
Seminars			
Journal club			
Clinical case presentation			
Workshops			
Lectures			
Seminars			
Journal club			
Clinical case presentation			
Workshops			

** 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



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Module 3: Balance Disorders (Vestibular medicine)

4th year

Name of the unit training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Module3: Balance Disorders (Vestibular medicine)	5CP	ENT Surgery department/ Audiology Unit	150 hours	100%
	2.25CP		-Attend out patient VestibularVNG(Videonystag mography) & VEMP \HITclinic; 3hrs/day, one day / week for at least 10 weeks and registration of practiced cases	45% of training unit in year 4
	1.25CP		Carry out the Bedside (OfficeBalance testing) and Frenzel Glass Evaluation for the Dizzy Patients: 1.25hrs/day, one day / week for at least 10 weeks and registration of practiced cases and procedures.	25% of training unit in year 4
	0.5CP		-Attend clinical conference and seminars for at least 1 hrs/day. once/wk. for at least 10 weeks together with cases discussion with the staff member.	10% of training unit in year 4
	1CP		Formative assessment	20% of training unit in year 4
Student signature			Principle coordinator Signature	Head of the department signature



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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
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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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Module 3 "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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Module 3" 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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Module 3" 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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"Vestibular Medicine "4th year

1- Academic activates

Lecture, journal club, seminar, conference, workshop

Activity	**Your role	Date	Signature of supervisor
Lectures			
Seminars			
Journal club			
Clinical case presentation			
Workshops			
Lectures			
Seminars			
Jornal club			
Clinical case presentation			
Workshops			
Lectures			
Seminars			

** Your role:-

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



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**"Vestibular Medicine"
2- Academic achievements**

Activity	**Your role	Date	Signature of supervisor

**"Vestibular Medicine"
Formative assessment"**

Activity	**Your role	Date	Signature of supervisor



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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)
Demonstrate the competency of continuous evaluation of different types of care provision to patients in the different area of his field.						
Appraise scientific evidence.						
Continuously improve patient care based on constant self-evaluation and <u>life-long learning</u> .						
Participate in clinical audit and research projects.						



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General skills	could not judge (0)	strongly disagree(1)	↔		↔		strongly agree (7)
			(2)	(3)	(4)	(5)	
Practice skills of evidence-based Medicine (EBM).							
Educate and evaluate students, residents and other health professionals.							
Design logbooks.							
Design clinical guidelines and standard protocols of management.							
Appraise evidence from scientific studies related to the patients' health problems.							
Apply knowledge of study designs and statistical methods to the appraisal of clinical studies.							
Use information technology to manage information, access on-line medical information; for the important topics.							
Master interpersonal and communication skills that result in the effective <u>exchange of information and collaboration</u> with patients, their families, and health professionals, including:- <ul style="list-style-type: none"> • <u>Present</u> a case. • <u>Write</u> a consultation note. • <u>Inform patients</u> of a diagnosis and therapeutic plan Completing and maintaining comprehensive. • Timely and legible <u>medical records</u>. • Teamwork skills. 							



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General skills	could not judge (0)	strongly disagree (1)	↩ (2) (3)		↩ (4) (5)		↩ (6)	strongly agree (7)
Create and sustain a therapeutic and ethically sound relationship with patients.								
Elicit and provide information using effective nonverbal, explanatory, questioning, and writing skills.								
Work effectively with others as a member or leader 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, and business practices.								
Demonstrate sensitivity and responsiveness to patients' culture, age, gender, and disabilities.								
Work effectively in health care delivery settings and systems related to specialty including good administrative and time management.								
Practice cost-effective healthcare and resource allocation that does not compromise quality of care.								



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General skills	could not judge (0)	strongly disagree (1)	↩		↩		strongly agree (7)
			(2)	(3)	(4)	(5)	
Advocate for quality patient care and assist patients in dealing with system complexities.							
Design, monitor and evaluate specification of under and post graduate courses and programs.							
Act as a chair man for scientific meetings including time management							



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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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Elective Course 1

Requirements

● **Credit points:** 1.5 credit point.

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



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Name of the elective course: -----

Elective Course 1 Lectures

Date	Attendance	Topic	Signature



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Elective Course 1 Practical skills

Date	Attendance	Topic	Signature



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Elective Course 2

Requirements

● **Credit points:** 1.5 credit point.

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



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Name of the elective course: -----

Elective Course 2 Lectures

Date	Attendance	Topic	Signature



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Elective Course 2 Practical skills

Date	Attendance	Topic	Signature



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Other Activities

- 1- Attend at east one Conference either local or international or Work shop.
- 2- Prepare at least one seminar & journal club per year.



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Academic activities

Lecture, journal club, conference, workshop

Activity	Your role **	Date	Signature of supervisor

- ** Your role:-
A- Attendance
B- Organization
C- Presentation



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الرسائل العلمية

عنوان الرسالة

عربي: _____

انجليزي: _____

المشرفون: _____

..... -1

..... -2

..... 3

..... -4

تاريخ القيد لدرجة: / / 2008

تاريخ التسجيل الموضوع:

المتابعة الدورية:

التاريخ	ما تم انجازه من بروتوكول البحث	المتبقي	توقيع المشرفين



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Declaration

Course Structure Mirror	Responsible (Course) Coordinator Name:	Signature	Date
First Part			
Course 1 Medical statistic			
Course 2 Research methodology			
Course 3: Medicolegal Aspects and Ethics in Medical Practice and Scientific Research			
Course 4 Neurological and Psychiatric Diseases			
Course 5: ENT			
Course 6: Genetics			
Second Part			
Course 7: Audiology (advanced; Advanced Audiological and Vestibular Medicine)			
Module (1.1) Adult audiological medicine.			
Module (1.2) Pediatric audiological medicine.			
Module (2): Acoustic aids and Rehabilitations			
Module (3): Balance disorders (Vestibular medicine)			
- Elective Course (s) Certificate (s) Dates:			
-Elective Course (s) Certificate (s) Dates:			
-MD Degree Thesis Acceptance Date:			
Fulfillment of required credit points prior to final examination			
Audiology M D Degree Principle Coordinator:			
Date approved by Otolaryngology Department Council:			

يعتمد،،،
رئيس القسم