

Master degree of Neurology & Psychiatry Log Book



" كراسة الأداء و الأنشطة "

اللازمة لحصول الطالب على درجة الماجستير فى

الأمراض العصبية والنفسية

2021-2022/2022-2023

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كلية الطب
وحدة ضمان الجودة



Faculty of Medicine
Quality Assurance Unit

Personal Data

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

*** 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.

2- Clinical case presentation log

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

3- Procedures log

1- You will find a list for required procedure, diagnostic – therapeutic operations and

level of desired performance you should achieve at the end of training.

2- You will find empty tables to write down the procedure, you level of participation

and date and signature of supervisor.

4- Rotation / attendance proof

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

For the whole program fill the following sections.

1- Academic activities

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

2- Academic achievements

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

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

3- Formative assessment log

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

- Mini clinical examination
- Quises.



Program aims

- 1/1 To enable the candidates to keep with international standards of Neurological and Psychiatric patients care by teaching high level of clinical skills, bedside care skills, in addition to update medical knowledge as well as clinical experience and competence in the area "neurological disorders , Psychiatric disorders, Neurological and Psychiatric emergencies, Neuroelectrophysiology and Neuroimaging studies, interventional Neurology and Psychiatry , Addiction and Psychometry Lab" enabling the candidates of making appropriate referrals to a sub-specialist.
- 1/2. Provide residents or candidates with fundamental knowledge of Stroke and Neurological intensive care unit as regards; equipments, techniques, indications, contraindications and training skills of different neurological intensive care techniques and interventions.
- 1/3. Provide residents or candidates with knowledge in diagnostic and interventional Neurology and Psychiatry. These include use of different equipments, techniques in neuroelectrophysiology, Psychiatric and neuroimaging units , indications, contraindications and training skills of different techniques and tools used for diagnosis or treatment or assessment of severity of common Neurological and Psychiatric disorders.
- 1/4. Provide the residents or candidates with updated knowledge of basic and clinical supportive sciences of neurological and psychiatric disorders and applied aspects through interpretation reports of Psychometry lab or Neuroelectrophysiology or Neuroimaging lab and choose the appropriate treatment according to the reported findings and appropriate investigatory tools for follow up.
- 1/5. To introduce the residents or candidates to the basics of scientific medical research for neuropsychiatry.
- 1/6 Enable candidates to start professional careers as specialists in Egypt but recognized abroad.
- 1/7 To enable candidates to understand and get the best of published scientific research and do their own.



Curriculum Structure:

Duration of program 36 months divided into

Program Structure

Program Time Table

Duration of program 3 years maximally 5 years divided into:

○ Part 1

Program-related basic science courses and ILOs + elective courses

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

○ Thesis

For the M Sc thesis;

MSc thesis subject should be officially registered within 6 months from application to the MSc degree,

Discussion and acceptance of the thesis should not be set **before 12 months** from registering the M Sc subject;

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

○ Part 2

Program –related speciality courses and ILOs

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

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

First Part

Academic activities of basic sciences

Practice with the academic departments during 1st year

Course 1

- Module (1): Neuroanatomy & embryology
- Module (2): Genetics.

Course 2

- Module (1): Neurophysiology
- Module (2): Biochemistry

Course 3

- Module (1): Neuropathology
- Module (2): Psychopathology

Course 4 :

Neuropharmacology.

Course 5:

- Internal Medicine.

Course 6

- Module (1): General Psychology.
- Module (2): Special Psychology.

Course 1 ; Module 1 Neuroanatomy & Embryology

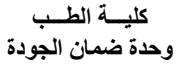
Requirements

- + Credit points: 2 credit points.
- + Minimal requirement: Achievement of at least 80% of academic activities.

Name of the Unit(Module)	Credit points	Responsible department	Attendance	Percentage of Achieved points
Neuroanatomy and Embryology	0.5CP	Anatomy	5 hours= 1 hour for each <ul style="list-style-type: none"> Anatomy of diencephalons. Anatomy of cerebellum. Anatomy of brainstem. Anatomy of cerebrum. Tractology; ascending and descending tracts. 	25%
	0.1 CP			
	0.1CP			
	0.1CP			
	0.1 CP			
	0.1CP			
	0.5CP		5 hours= 1 hour for each <ul style="list-style-type: none"> Anatomy of cranial nerves. Anatomy of spinal nerves. Basic anatomy of the neuron and spinal reflexes Anatomy of autonomic nervous system. Anatomy of limbic system. 	25%
	0.1 CP			
	0.1CP			
	0.1CP			
	0.1 CP			
	0.1CP			
Student signature			Principle coordinator signature	Head of the department signature



Name of the course/unit	Credit points	Responsible department	Attendance	Percentage of Achieved points
Neuroanatomy and embryology	0.5CP	Anatomy	5 hours	25%
	0.3CP		<ul style="list-style-type: none"> Blood supply of brain and spinal cord <i>3hours</i>. 	
	0.2CP		<ul style="list-style-type: none"> Meninges of brain and spinal cord & Cerebrospinal fluid <i>2hours</i>. 	
	0.5CP		5 hours	25%
	0.1 CP		<ul style="list-style-type: none"> General embryology. e.g. Ovulation, fertilization, implantation....etc. <i>1hour</i>. 	
	0.2CP		<ul style="list-style-type: none"> Development of Nervous system <i>2 hours</i>. 	
	0.2CP		<ul style="list-style-type: none"> Teratogenicity of CNS and neural tube defect <i>2hours</i>. 	
Student signature			Principle coordinator signature	Head of the department signature

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Course 1 Module 2 Genetics

- **Requirements**

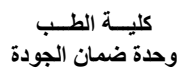
- ✚ Credit points: 0.5 credit point.

- ✚ Minimal requirement: Achievement of at least 80% of academic activities.

Name of the course/unit	Credit points	Responsible department	Attendance	Percentage of Achieved points
Genetics	0.5 CP	Neurology and psychiatry department	5 hours	100%
	0.1CP		0.5 hour	20%
			* Basic of cell structures and Molecular genetics: Nucleus,Mitochondria...etc. Nucleic acids (DNA& RNA).	
			0.5 hour	
	0.1CP		* Patterns of inheritance: - Autosomal dominant inheritance. - Autosomal recessive inheritance. - X Linked recessive inheritance. - X Linked dominant inheritance. - Multifactorial inheritance	
			0.5 hour	20%
			Chromosomes and Genes.	
	0.1CP		0.5 hour	20%
			Mitochondria and genes.	
0.1CP	0.5 hour	20%		
	DNA Analysis.			
Student signature			0.5 hour	20%
			Gene and Mapping	
Principle coordinator signature				Head of the department signature



Name of the course/unit	Credit points	Responsible department	Attendance	Percentage of Achieved points
Genetics	0.1CP	Neurology and psychiatry department	1 hour -Mechanisms of Mutations. - Detections of Mutations	20%
	0.1CP		1 hour -Ethical aspects. - Neurogenetic information of the following neurological disorders: <ul style="list-style-type: none">• Muscle disorders.• Peripheral neuropathy.• Mitochondrial disorders	20%
Student signature			Principle coordinator signature	Head of the department signature



Genetics Didactics

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Course 2 ,Module 1 Neurophysiology

• Requirements:

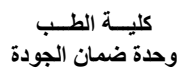
- + Credit points: 1.5 credit point.
- + Minimal requirement: Achievement of at least 80% of academic activities.

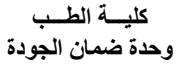
Name of the course/ unit	Credit points	Responsible department	Attendance	Percentage of Achieved points
Neurophysiology	1.5CP	Physiology	<p><u>15 hours 1.5 h for each</u></p> <p>-Organization of the Nervous System I.e.</p> <p>-types of neurons and nerve fibers in the body,the structure of neurons and nerves,different types, structure, and function of neuroglia</p> <p>-Basic Functions of Synapses(I.e. types and synaptic contacts,synaptic properties,neuroplasticity, functions of reflex arc and components and mechanism of actions of chemical and electrical synapse and synaptic transmission outlines), and Neurotransmitters; main classification, concerning receptors and physiologic function of each.</p> <p>-Outlines of Sensory Receptors, Neuronal Circuits for Processing Information,</p> <p>-Somatic Sensations: I. General Organization, the Tactile and Position Senses,</p>	100% 6.7% of each
Student signature			Principle coordinator signature	Head of the department signature



Name of the course/ unit	Credit points	Responsible department	Attendance	Percentage of Achieved points
			<p>-Somatic Sensations: II. Pain, Headache, and Thermal Sensations,</p> <p>-Motor Functions of the Spinal Cord; the Cord Reflexes,</p> <p>-Cortical and Brain Stem Control of Motor Function,</p> <p>-Contributions of the Cerebellum and Basal Ganglia to Overall Motor Control,</p> <p>-Cerebral Cortex, Intellectual Functions of the Brain, Learning, and Memory,</p>	
Head of the department signature				
			Principle coordinator signature	Head of the department signature

Name of the course/ unit	Credit points	Responsible department	Attendance	Percentage of Achieved points
Head of the department signature			-Behavioral and Motivational Mechanisms of the Brain in brief— The Limbic System and the Hypothalamus. -State of Brain Activity and waves—Sleep& Epilepsy. -The Autonomic Nervous System and the Adrenal Medulla,&pituitary. -Cerebral Blood Flow(mechanism of regulation and auto regulation of cerebral blood flow,the effect of brain activity on cerebral blood flow and physiologic requirements of normal cerebral blood flow and factors affecting brain eodema), _٢	
			Principle coordinator signature	Head of the department signature

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Course 2 Module 2: Biochemistry

- **Requirements**

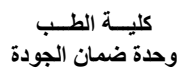


Credit points: 0.5 credit point.



Minimal requirement: Achievement of at least 80% of

Name of the Course/ Unit	Credit points	Responsible department	Attendance	Percentage of Achieved points
Biochemistry	0.25CP	Biochemistry	<p>2.5 hours</p> <ul style="list-style-type: none"> - Diabetes mellitus - Lipid metabolism - Phospholipid metabolism - Glycolipid metabolism - Dyslipoproteinemia - Protein metabolism - Amino acids (tryptophan, tyrosine, histidine). - Metabolic inborn errors (porphyria, common acidurias, Leish-Nyhan disease). - Principles of Storage diseases of the nervous system. - Vitamins & minerals - Antioxidants 	50%
	0.25CP		<p>2.5 hours</p> <ul style="list-style-type: none"> - Cerebrospinal fluid - Biochemistry of receptors - Molecular structures and functions - Mechanisms of transmembrane signaling - Biochemistry of neurotransmitters : <ul style="list-style-type: none"> - Catecholamines - Acetylcholine - Gamma aminobutyric acid (GABA) - Histamine, serotonin and melatonin - Related peptides for neurotransmission 	50%
Student signature			Principle coordinator signature	Head of the department signature

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[illegible]



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وحدة ضمان الجودة



Faculty of Medicine
Quality Assurance Unit

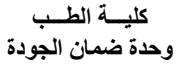
Course 3: Neuropathology & Psychopathology

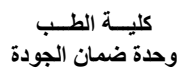
Course 3: Module 1 Neuropathology

• Requirements

- + **Credit points:** 1 credit point for didactic (lectures, seminars, tutorial).
- + **Minimal requirement:** Achievement of at least 80% of academic activities.

Name of the course/ unit	Credit points	Responsible department	Attendance	Percentage of Achieved points
Neuropathology	1 CP	Pathology Department	10 hours	
	0.25CP		2.5 hours General Pathology 1.5h. Pott's disease. 1h.	25%
	0.2CP		2 hours -Atherosclerosis& -Ischemic infarction 1h -Hemorrhagic stroke& - Aneurysm.1 h	20%
	0.3CP		3 hours - Dementia. 1h -Neuropathies.1 h -Muscle diseases.1h	30%
	0.25CP		2.5 hours -↑ICT and brain edema.0.5hour -Tumors of CNS.1h -Infection of CNS1h	25%
Student signature			Principle coordinator signature	Head of the department signature

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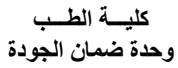
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Course 3;Module 2:Psychopathology

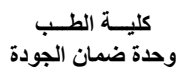
• Requirements

- + **Credit points:** 1 credit point for didactic (lectures, seminars, tutorial).
- + **Minimal requirement:** Achievement of at least 80% of academic activities.

Name of the course/ unit	Credit points	Responsible department	Attendance	Percentage of Achieved points
Psychopathology	1 CP	Neurology and psychiatry department	10hours	100%
	<u>0.5 CP</u> 0.2CP 0.2CP 0.1CP		<i>Descriptive and dynamic psychopathology of different psychiatric disorders:</i> <u>5hours</u> -Schizophrenia 2 h - Mood disorders 2h - Anxiety disorders 1h	50%
	<u>0.5CP</u> 0.1CP for each		<u>5hours</u> - Eating disorders 1h - Dissocialize disorders1 h -Somatoform disorders 1h - Sexual disorders1h -Personality disorders 1h	50%
Student signature			Principle coordinator signature	Head of the department signature



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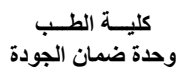
Course 4: Neuropharmacology

Requirements

- Credit points:** 1.5 credit point for didactic (lectures, seminars, tutorial).
- Minimal requirement:** Achievement of at least 80% of academic activities.

Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
Neuropharmacology	1.5CP	Pharmacology department	15 hours	100%
	0.25CP		2.5 hours	12.5%
	0.25CP		- General pharmacology 1h - Antiepileptic drugs 1.5h	12.5%
	0.25CP		-Psychotropic drugs. -Antipsychotic drugs. -Antidepressants. -Mood stabilizers. -Anxiolytic drugs	12.5%
Student signature	0.25CP		2.5hours -Antiplatelets. - Thrombolytic drugs. - Anticoagulants. - Antiparkinsonian drugs. Anticholinergic drugs. Anticholine esterase inhibitors	12.5%
			Principle coordinator signature	Head of the department signature

Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
Neuropharmacology	0.25CP	Pharmacology	2.5 hours -Drug dependence & habituation & drug abuse. -Addiction. -Tranquilizers. -Brain stimulants.	12.5%
	0.25CP		2.5hours -Antibiotic, antimicrobial, antiviral. -Hypoglycemic agents. -Antihypertensive drugs. - anti arrhythmic drugs. - In tropics - Coronary dilators. - Bronchodilators.	12.5%
	0.25CP		2.5 hours - Non steroidal anti-inflammatory drugs. -Steroids. - Analgesic and pain killers. - Dehydrating measures. - Immunosuppressant drugs - Chemotherapy and CNS side effect.	12.5%
Student signature			Principle coordinator signature	Head of the department signature

[illegible]

[illegible]

Course 5 Internal Medicine

Requirements

- + Credit points 3 credit point for didactic (lectures, seminars, tutorial) and 6 credit points for training.
- + Minimal rate of attendance 80% of didactic and training.



كلية الطب
وحدة ضمان الجودة



Faculty of Medicine
Quality Assurance Unit

Rotation / attendance proof

الأماكن التي تدرب بها

أسم الوحدة التي تدرب بها	الفترة من الى	توقيع رئيس الوحدة	توقيع رئيس القسم

Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
Internal Medicine	3CP	Internal Medicine department	30hours	100%
			Attendance and topics	
	0.4CP		Nephrology 4 hours -Acute and chronic renal impairment.2h -Dialysis and complications.1h - Drug clearance in kidney diseases and dosage.1h	13.3%
	0.8CP		Cardiology 8 hours - Rheumatic Heart and its complication. 1h - Heart failure and shock. 1h - Hypertension and it's complication. 2h - Ischemic heart disease. 2h - Myocardial infarction. 1h - Arrhythmia 1h.	26.7%
	0.3CP		Blood diseases 3hours -Anemia. -Purpura. -Leukemia. -Lymphoma. - Coagulation disorders. *Management of iatrogenic bleeding tendency	10%
Student signature			Principle coordinator signature	Head of the department signature

Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
Internal medicine	0.4CP	Internal medicine department	<u>Chest diseases 4h</u> TB and COPD and their neuropsychiatric complication. Respiratory failure type I, II. -Oxygen therapy and drug induced asthma. -Status asthmaticus. - Drugs contraindicated in chronic lung diseases.	13.3%
	0.5CP		<u>Endocrinal diseases 5h</u> - DM and it's complication -Thyroid and parathyroid - Pituitary glands. - Obesity	16.7%
	0.4CP		<u>Metabolic disorders 4h</u> - Electrolytes disturbance and management. - Hepatic impairment and management. - Gastric ulcer and guidelines of management	13.3%
	0.2CP		<u>Rheumatology 2h</u> -Collagen diseases and neuropsychiatric manifestations and complications	6.7%
Student signature			Principle coordinator signature	Head of the department signature

Name of the course training	Credit points	Responsible department	Attendance & Activities	Percentage of Achieved points
Internal medicine	6CP	Internal medicine Department	180h training	100%
	1CP		- Attend and practice for at least one week at emergency unit in Internal medicine Department with clinical cases as mentioned below in case log including management .	16.6%
	1CP		- Attend and practice for at least one week at intermediate care unit in Internal medicine Department with clinical cases as mentioned below in case log including management.	16.7%
	1 CP		Attend and practice for at least one week at cardiology intensive care unit in Internal medicine Department with clinical cases as mentioned below in case log including management.	16.7%
	1.25 CP		- Attend and practice for 8days at different units of inpatients wards with attendance for at least 1-2 clinical rounds with staff members of these units (Nephrology- rheumatology- hematology-DM and GIT units) and registerate observed and practiced cases in case log	20.8%
	1.25CP		- Attend outpatients clinic of (Hematology, DM, rheumatology and nephrology)for 8 days at least 2 clinics for each and registerate practiced cases in case log .	20.8%
	0.5 CP		- Attend for at least 12 clinical rounds for undergraduate teaching(1.5h/day; once or twice/weekly or more) with staff members in Internal medicine Department of different subspecialties .	8.3%
Student signature			Principle coordinator Signature	Head of the department signature

List of required case log of Internal Medicine course (as logged off)

Internal Medicine course	Number of cases	*Level of competence	Supervisor
Management of the following Medical Cases			
DM	At least 10 cases	C/B	Assistant lecture or Staff member
uncontrolled DM	At least 5 cases	C/B	Assistant lecture or Staff member
renal impairment	At least 10 cases	C/B	Assistant lecture or Staff member
hepatic impairment- liver cirrhosis- gastric ulcer	At least 5 cases	C/B	Assistant lecture or Staff member
electrolyte disturbances and correction of metabolic deficit	At least 5 cases	C/B	Assistant lecture or Staff member
Cardiac disease	At least 5 cases	C/B	Assistant lecture or Staff member
arrhythmia	At least 5 cases	C/B	Assistant lecture or Staff member
collagen disease	At least 1 -2 cases of each	C/B	Assistant lecture or Staff member
COPD – bronchial asthma Status asthmaticus Respiratory failure	At least 5 cases	C/B	Assistant lecture or Staff member
Blood diseases	At least 2 cases of each	C/B	Assistant lecture or Staff member
Procedure			
ECG and report interpretations	At least 20 cases	A/B	Assistant lecture or Staff member
Blood gases & report	At least 15 cases	A/B	Assistant lecture or Staff member
Chest X ray report	At least 5 cases	A/B	Assistant lecture or Staff member
Blood chemistry & electrolyte report	At least 20 cases	A/B	Assistant lecture or Staff member

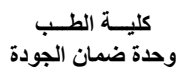
*Level of Competence:

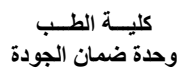
The candidate will begin with level C, and at the end of clinical training will achieve level A in most required professional skills(clinical approach of cases).

A - Carry out independently.

B- Carry out under supervision.

C - Observe.

[illegible]

[illegible]

[illegible]



Internal Medicine course

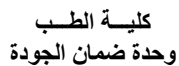
A-Record of cases

[illegible]



A-Record of cases

[illegible]



Internal Medicine course

A-Record of cases

[illegible]



A-Record of cases

[illegible]



A-Record of cases

[illegible]



A- Record of cases

[illegible]



A-Record of cases

[illegible]



Internal Medicine course

B-Record of procedures

[illegible]

***Level of Competence:**

The candidate will begin with level C, and at the end of clinical training will achieve level A in most required professional skills.

A - Carry out independently.

B- Carry out under supervision.

C- Observe.



Internal Medicine course **B-Record of procedures**

[illegible]

***Level of Competence:**

The candidate will begin with level C, and at the end of clinical training will achieve level A in most required professional skills.

A - Carry out independently.

B- Carry out under supervision.

C- Observe.



Internal Medicine course **B-Record of procedures**

[illegible]

***Level of Competence:**

The candidate will begin with level C, and at the end of clinical training will achieve level A in most required professional skills.

A - Carry out independently.

B- Carry out under supervision.

C- Observe.



Internal Medicine course **B-Record of procedures**

[illegible]

***Level of Competence:**

The candidate will begin with level C, and at the end of clinical training will achieve level A in most required professional skills.

A - Carry out independently.

B- Carry out under supervision.

C- Observe.



Internal Medicine course **B-Record of procedures**

[illegible]

***Level of Competence:**

The candidate will begin with level C, and at the end of clinical training will achieve level A in most required professional skills.

A - Carry out independently.

B- Carry out under supervision.

C- Observe.



Internal Medicine course

B-Record of procedures

[illegible]

***Level of Competence:**

The candidate will begin with level C, and at the end of clinical training will achieve level A in most required professional skills.

A - Carry out independently.

B- Carry out under supervision.

C- Observe.



Internal Medicine course
B-Record of procedures

[illegible]

***Level of Competence:**

The candidate will begin with level C, and at the end of clinical training will achieve level A in most required professional skills.

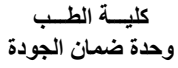
A - Carry out independently.

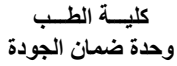
B- Carry out under supervision.

C- Observe.









Internal Medicine course

[illegible]

***Level of Competence:**

The candidate will begin with level C, and at the end of clinical training will achieve level A in most required professional skills.

A - Carry out independently.

B- Carry out under supervision.

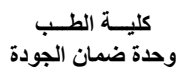
C- Observe.

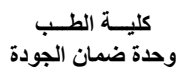


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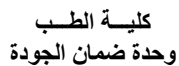


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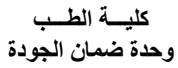
[illegible]







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









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

Course 6 Psychology

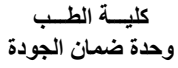
Requirements

- **Credit points:** 3 credit point for didactic (lectures, seminars, tutorial) and 4 point for training.

Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
Psychology	1 CP	Neurology and Psychiatry Department	10 hours <u>Principles of General Psychology:</u> <ul style="list-style-type: none"> - Fields of psychology - Perceptions - Attention - Memory - Intelligence - Thinking - Developmental psychology - Social psychology - Personality - Sleep 	33.3%
	1 CP		10 hours <u>Principles of special Psychology of :</u> A- Contemporary schools <ul style="list-style-type: none"> - Psychoanalysis. - Behaviorism. - Associationism. - Psychophysiology. - Transactional psychology. 	33.3%
	1 CP		10 hours <u>B-Psychometry</u> <ul style="list-style-type: none"> - Intelligence - Personality - Organic brain disorders including Dementia. 	33.3%
Student signature			Principle coordinator signature	Head of the department signature

[illegible]

Clinical training	Credit points	Responsible department	Attendance	Percentage of Achieved points
special Psychology	3 CP	Neurology and psychiatry department in psychometry lab	Special psychology	
			3 wk as 5h/ day for 3 wks in psychometry lab.	75%
	1 CP		- <u>Intelligence tests 3 cases for each</u> e.g. -Stanford Binet test. -Wechsler intelligence scale, for: [Preschool children, Children, and Adults].	25%
	1 CP		- <u>Personality tests; e.g. 2 cases for a-</u> [Structured Interview for the Five factor model of personality (SIFFM)	25%
	1 CP		- <u>Tests for dementias</u> ; 5 cases for each e.g. - Minimental state examination. - Tests for brain damage; e.g. 5 cases - Bender Gestalt test - Benton visual retention test and Deterioration index (DI).	25%
	1CP		30 h 5h/day/wk in psychiatry unit Application of Defense mechanisms and general psychology in Psychoanalysis of the following: -Common situations -Psychiatric cases -Stressful conditions	25%
Student signature			Principle coordinator signature	Head of the department signature

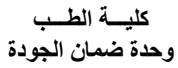


Case log

[illegible]

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



[illegible]

[illegible]





كلية الطب
وحدة ضمان الجودة



Faculty of Medicine
Quality Assurance Unit

Speciality course

Course 7 Neurology & Psychiatry



It is divided into 7 modules:

- **Module 1- Neurological disorders.**
- **Module 2- Psychiatric disorders.**
- **Module 3- Neurology and Psychiatric emergencies.**
- **Module 4- Neuroelectrophysiology and Neuroimaging.**
- **Module 5- Interventional Neurology and Psychiatry.**
- **Module 6- Addiction.**
- **Module 7- Psychometry lab.**

Course 7: Neurology and Psychiatry

Module/ Units' Titles' list	% from total Marks	Level (Year)	Core Credit points		
			Didactic	training	Total
-Module 1 Neurological disorders.(8-9month)	29.1%	1,2&3	7	36	43
-Module 2 Psychiatric disorders.(8-9month)	29.1%	1,2&3	7	36	43
-Module 3 Neurological and Psychiatric emergencies (10month).	10.4%	2&3	2.5	10	12.5
-Module 4 Neuroelectrophysiology and Neuroimaging (2 month).	10.4%	2&3	2.5	10	12.5
-Module 5 Interventional Neurology and Psychiatry (2month).	10.4%	2&3	2.5	10	12.5
-Module 6 Addiction (2 month).	6.25%	1,2,3	1.5	5	6.5
- Module 7 Psychometry Lab (2month).	4.16%	1, 3	1	3	4
Total No. of Units:	100%	3 years	24	110	134

Module 1 Neurological Disorders



Module 1 Neurological Disorders

Unit (Module)1

Neurological disorders

Rotation / attendance proof

الأماكن التي تدرب بها

أسم المستشفى التي تدرب بها	توقيع رئيس القسم	توقيع مدير المستشفى

Requirements

- **Credit points:** 7 credit point for didactic (lectures, seminars, tutorial) and 36 credit point for training.
- **In first year 0.25CP** for didactics and 7 CP for training in neurology units.
- Minimal rate of attendance 80% of training and didactic

Year 1

Didactic teaching

Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
Unit 1 neurological disorders	0.25CP	Neurology and psychiatry department in Neurology units	Year 1	3.5% of the didactics of Unit 1
			Topics and attendance	
			2.5 hours ➤ Symptoms and signs of Neurological disorders and clinical approach of cases. ➤ How to select diagnostic tests.	

Year 1(7 credit point for training)

Clinical training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Clinical training in Neurology units	2CP	Neurology and Psychiatry department	<ul style="list-style-type: none"> ➤ Practice with clinical cases for at least 2 months in the department including interpretation of their different neuroimaging and neuroelectrophysiology tools (CT brain& spine EEG, MC study) and related laboratory investigations. ➤ Log of Neurology as mentioned below ➤ Procedures and clinical skills log as mentioned below 	28.6% of unit training in year 1
	2 CP		➤ Night shift (From 2pm to 8am) 1/week for 4weeks	28.6% of unit training in year 1
	0.5CP		➤ Attendance of at least 5 weeks in the Outpatient Neurology clinic (3 hours /day)	7.1 % of unit training in year 1
	1CP		➤ Attendance of at least 50% of clinical rounds of each (neurology units) (2 hours /week for 15 week)	14.28% of unit training in year 1
	1 CP		➤ Clinical teaching 2 hours /week for 15 weeks	14.28% of unit training in year 1
	0.5 CP		➤ Formative assessment	7.1% of unit training in year 1
Student signature			Principle coordinator Signature	Head of the department signature

Cases log:

Case	Number
CVS	At least 20
CNS infection.	At least 20
Neuromuscular disorders. Motor neuron diseases Muscle disease	At least 5
Peripheral nerve and muscles	At least 10
Neuroimmunology : e.g. - Multiple sclerosis. - Polymyositis - Vasculitis.	At least 10
Stroke and pregnancy	At least 2
Stroke and associated medical condition e.g. - D.M. - Hypertension. - Rheumatic heart disease.	At least 10
Paroxysmal disorders: e.g. Epilepsy. Headache.	At least 20 for each
- Neuroncology e.g. - Primary brain tumor and spinal cord tumor Paraneoplastic.	At least 5
Venous thrombosis	At least one
Child neurology	At least 5
Spinal cord disease	At least 5
Movement disorders	At least 5
Cerebellar disorders	At least 3
Geriatric disorders	At least 3 cases

Procedure and practical skills log of:

🚦 Observe:	🚦 Log of under supervision:
<ul style="list-style-type: none"> CSF aspiration and analysis CSF tapping Fundus examination 	<ul style="list-style-type: none"> CSF aspiration and analysis CSF tapping Fundus examination.
🚦 Independently Perform:	🚦 Order and interpret:
<ul style="list-style-type: none"> Clinical sheet according to case log. Follow up chart for clinical assessment Treatment chart. Discharge card. Consultation of other subspecialties 	<ul style="list-style-type: none"> CT Brain MRI SPINE X ray spine. Routine laboratory investigations. Observe Neurophysiology investigation and findings of reports related to case log.



Clinical Rotation

[illegible]



Outpatient clinic

[illegible]



Clinical case log

[illegible]

* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision



Clinical case log

[illegible]

* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision



Clinical case log

[illegible]

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



Clinical case log

[illegible]

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



Clinical case log

[illegible]

* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision





Clinical case log

[illegible]

* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision



Clinical skills & procedures log

[illegible]

* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision



Clinical skills & procedures log

[illegible]

* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision



Clinical skills & procedures log

[illegible]

* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision







Clinical skills & procedures log

[illegible]

* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision



Clinical skills & procedures log

[illegible]

* Level of participation

A- Plan and carry out

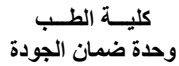
B- Carry out

C- Carry out under supervision



Group A

[illegible]



Clinical skills & procedures log

[illegible]

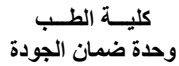
* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision





Clinical skills & procedures log

[illegible]

* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision



Group B

[illegible]



Night Shift

[illegible]



Night Shift



Night Shift

[illegible]





Second: Case presentation

[illegible]

[illegible]



Post graduate teaching Didactics

[illegible]



Post graduate teaching

Seminars

[illegible]



Journal club, conference, workshop

[illegible]

A- Attendance
B- Organization
C- Presentation



Postgraduate student's program Rotation in training assessment

* **Name:**




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

To:

* **Site:**

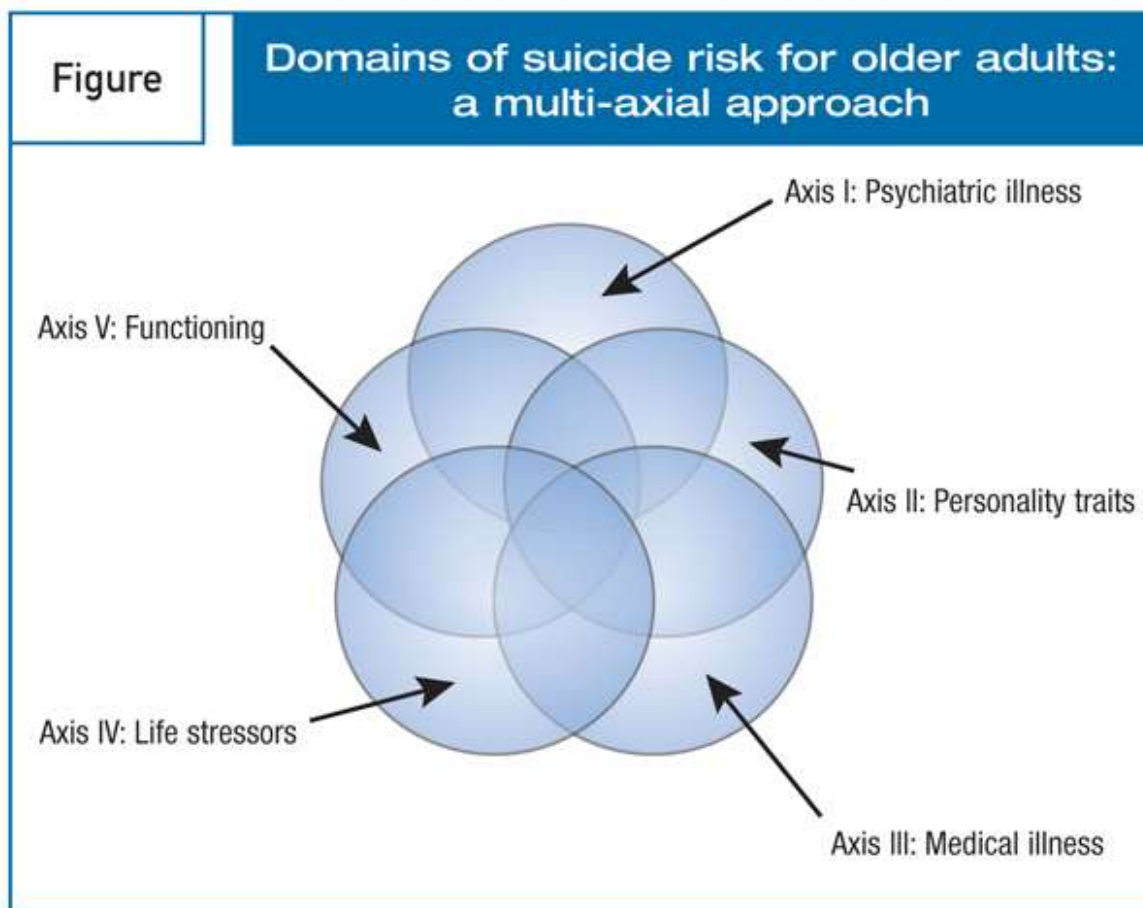
*Rotation

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

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

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

Module 2 Psychiatric disorders



Rotation / attendance proof

الأماكن التي تدرب بها

توقيع مدير المستشفى	توقيع رئيس القسم	أسم المستشفى التي تدرب بها

Requirements

- **Credit points:** 7credit point for didactic (lectures, seminars, tutorial) and 36 point for training.
- **First year 0.4CP** for didactics and 7 CP for training in psychiatry units.
- Minimal rate of attendance 80% of training and didactic

Year 1

Didactics teaching

Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
Unit 2 psychiatric disorders	0.4CP	Neurology and psychiatry department in psychiatry units	Year 1	3.5% of the didactics of Unit 2
			Topics and attendance	
	0.4CP		10 hours <ul style="list-style-type: none"> ➤ Symptoms and signs. ➤ Psychiatric interview. ➤ Laboratory, imaging and psychometric investigations of psychiatric patients. ➤ Clinical manifestation of psychiatric disorders. ➤ Classification of mental disorders. 	5.7% of total didactic units

Year 1(7 credit point for training)

Clinical training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Clinical training in psychiatric units	<u>2CP</u>	Neurology and Psychiatry department in psychiatric units	<ul style="list-style-type: none"> ➤ Practice with clinical cases for at least 2 month in the department including interpretation of their different psychometry, neuroimaging neuroelectrophysiology tools and related laboratory investigation ➤ Log of psychiatry cases as mentioned below ➤ Procedures log as mentioned below 	28.6% of total unit training in year 1
	2 CP		➤ Night shift (From 2pm to 8am) 1/week for 5 weeks	28.6% of total unit training in year 1
	0.5CP		➤ Attendance of at least 5 weeks in the Outpatient psychiatry clinic (3 hours /day)	7.1 % of total unit training in year 1
	1CP		➤ Attendance of at least 30% of clinical rounds of each (psychiatric units) (2 hours /week for 15 weeks)	14.3% of total unit training in year 1
	1CP		➤ Clinical teaching 2 hours /week for 15 weeks	14.3% of total unit training in year 1
	0.5CP		➤ Formative assessment	7.1%
Student signature			Principle coordinator Signature	Head of the department signature





Cases log:

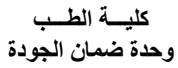
Case	Number
Schizophrenia and other psychotic disorders.	20 cases
Mood disorders.	20cases including each type
Anxiety disorders.	At least 10 cases
Personality disorders.	At least 5 cases
Psychiatric aspects of medical patients	At least 5cases
Dementia and other cognitive disorders	At least 3 cases
Child Psychiatry.	At least 5 cases
Somatoform and factitious disorder.	As logged off/ at least 3 cases

Level of competence

- A- Carry out independently.**
- B- Carry out under supervision.**
- C- Observe.**

Procedures and clinical skills log of:

 Observe:	 Log of under supervision:
<ul style="list-style-type: none"> ECT. Psychotherapy Abreaction. Psychiatric interview and follow up assessment 	<ul style="list-style-type: none"> Clinical sheet Psychiatric interview for assessment and follow up. Treatment chart. Discharge card. ECT Appropriate investigation for psychiatric cases Clinical sheet and treatment subscription of case log. Consultation and assessment of medical cases with psychiatric aspects
 Independently Perform:	 Order and interpret:
<ul style="list-style-type: none"> Clinical sheet. Follow up chart for clinical assessment Treatment chart. Discharge card. Consultation of other subspecialties 	<ul style="list-style-type: none"> CT Brain Routine laboratory investigations. Observe Neurophysiology & psychometry investigations and findings of reports related to case log.



Clinical Rotation

[illegible]



Outpatient clinic



Clinical case log

[illegible]

* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision





Clinical case log

[illegible]

* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision



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

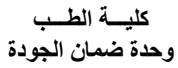




- * Level of participation
A- Plan and carry out
B- Carry out
C- Carry out under supervision







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



Clinical skills & procedures log

[illegible]

* Level of participation

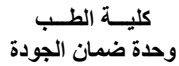
A- Plan and carry out

B- Carry out

C- Carry out under supervision



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



Clinical skills & procedures log

[illegible]

* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision





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



Group A

[illegible]



Clinical skills & procedures log

[illegible]

* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision



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

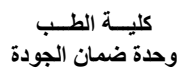




Group B

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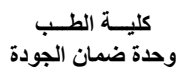




Night Shift



Night Shift





[illegible]

[illegible]

[illegible]



Journal club, conference, workshop

[illegible]

A- Attendance
B- Organization
C- Presentation



Formative assessment and MCQ

[illegible]

*Degree

A- Excellent

B- Very good

C- Good

D- Pass

Postgraduate student's program Rotation in training assessment

* **Name:**




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




To:

* **Site:**

*Rotation

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

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

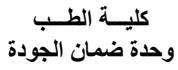
General skills	could not judge (0)	strongly disagree(1)	(2)  (3)		(4)  (5)		(6) 		strongly agree (7)
Demonstrate sensitivity and responsiveness to patients' culture, age, gender, and disabilities.									
Work effectively in relevant health care delivery settings and systems including good administrative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

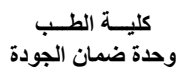
Elective course

Requirements:

- **Credit points:** 2 credit point for didactic (lectures, seminars, tutorial)
- Minimal rate of attendance 80% of training and didactic.
- Elective course could be achieved at 1st or 2nd part of master degree.

[illegible]

[illegible]

[illegible]



كلية الطب
وحدة ضمان الجودة



Faculty of Medicine
Quality Assurance Unit

Declaration

Course Structure Mirror	Responsible (Course) Coordinator Name:	Signature	Date
First Part			
Course 1			
Unit (Module) 1(Neuroanatomy & embryology)			
Unit (Module) 2 (Genetics)			
Course 2			
Unit (Module) 1 (Neurophysiology)			
Unit (Module) 2 (Biochemistry)			
Course 3			
Unit (Module) 1 (Neuropathology)			
Unit (Module) 2 (Psychopathology)			
Course 4			
Neuropharmacology)			
Course 5 (Internal Medicine)			
Course 6 Psychology			
Course 7 Neurology and Psychiatry			
Unit (Module) 1 (Neurological disorders (Training)			
Unit (Module) 2 (Psychiatric disorders (Training)			
Elective course			
- Fulfillment of required credit points prior to final examination			
Neurology and Psychiatry M Sc Degree Principle Coordinator:			
Date approved by Neurology and Psychiatry Department Council:			

يعتمد ،
رئيس القسم

Second Part

Academic activities & Practice training with s **Speciality** course

Speciality course

Course 7 Neurology & Psychiatry



It is divided into 7 modules:

- **Module 1- Neurological disorders.**
- **Module 2- Psychiatric disorders.**
- **Module 3- Neurology and Psychiatric emergencies.**
- **Module 4- Neuroelectrophysiology and Neuroimaging.**
- **Module 5- Interventional Neurology and Psychiatry.**
- **Module 6- Addiction.**
- **Module 7- Psychometry lab.**

Course 7: Neurology and Psychiatry

Module/ Units' Titles' list	% from total Marks	Level (Year)	Core Credit points		
			Didactic	training	Total
-Module 1 Neurological disorders.(8-9month)	29.1%	1,2&3	7	36	43
-Module 2 Psychiatric disorders.(8-9month)	29.1%	1,2&3	7	36	43
-Module 3 Neurological and Psychiatric emergencies (10month).	10.4%	2&3	2.5	10	12.5
-Module 4 Neuroelectrophysiology and Neuroimaging (2 month).	10.4%	2&3	2.5	10	12.5
-Module 5 Interventional Neurology and Psychiatry (2month).	10.4%	2&3	2.5	10	12.5
-Module 6 Addiction (2 month).	6.25%	1,2,3	1.5	5	6.5
- Module 7 Psychometry Lab (2month).	4.16%	1, 3	1	3	4
Total No. of Units:	100%	3 years	24	110	134

Module 1 Neurological Disorders



Module 1 Neurological Disorders

Unit (Module) 1

(Neurological disorders)

Rotation / attendance proof

الأماكن التي تدرب بها

أسم المستشفى التي تدرب بها	توقيع رئيس القسم	توقيع مدير المستشفى

Requirements

- **Credit points:** 7 credit point for didactic (lectures, seminars, tutorial) and 36 credit point for training.
- **In first year** 0.25CP for didactics and 7 CP for training in neurology units.
- **In second year** 3.375CP didactics and 14.5 CP for training in neurology units.
- **In third year** 3.375CP didactics and 14.5 CP for training in neurology units
 - Minimal rate of attendance 80% of training and didactic
 - Attendance of at least 30% of clinical rounds of each unit.
 - Practice with clinical cases for at least one year in the department including interpretation of their different neuroimaging patterns and related laboratory investigation.
 - Formative assessment at the second and third year.



كلية الطب
وحدة ضمان الجودة



Faculty of Medicine
Quality Assurance Unit

Year 2

Year 2 (3.375 credit point for didactic)

Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
Unit 1 neurological disorders	3.375 CP	Neurology and psychiatry department/ Neurology unit	Year 2	48.2% of the didactics of Unit 1
			Topics and attendance	%
	<u>1CP</u> 0.5 0.5		10 hours ➤ Infection of nervous system. ➤ Vascular diseases.	14.28% of total didactic units
	<u>0.5</u> 0.3 0.2		5 hours ➤ Epilepsy. ➤ Headache and other paroxysmal disorders	7.1% of total didactic units
	<u>0.5</u> 0.1 0.3 0.1		5 hours ➤ Disorders of cerebrospinal and fluids ➤ Brain and spinal cord tumors. ➤ Spinal cord diseases	7.1% of total didactic units
	<u>0.5CP</u> 0.25 0.25		5 hours ➤ Peripheral neuropathy ➤ Muscle diseases and neuromuscular disorders.	7.1% of total didactic units
	0.5CP		Seminars ➤ Attendance of at least 50% of the Didactics seminars. ➤ Presentation of at least 1 time in the seminar.	7.1% of total didactic units
	0.125CP		➤ Attendance of at least one Conference or workshop	1.78% of total didactic units
	0.25CP		➤ Formative assessment	3.6% of total didactic units
Student signature			Principle coordinator Signature	Head of the department signature




Year 2(14.5 credit point for training in module (Unit 1)

Clinical training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Clinical training in Neurology units	4 CP	Neurology and Psychiatry department	<ul style="list-style-type: none"> ➤ Practice with clinical cases for at least 3 month in the department including interpretation of their different neuroimaging and neuroelectrophysiology tools (CT Brain & spine EEG, Neurophysiology study) and related laboratory investigation ➤ Log of Neurology cases as mentioned below ➤ Procedures log as mentioned below 	27.6 % of total unit training in year 2
	6CP		<ul style="list-style-type: none"> ➤ Night shift (From 2pm to 8am) 1/week for 12 weeks 	41.4% of total unit training in year 2
	1.25CP		<ul style="list-style-type: none"> ➤ Attendance of at least 12 weeks in the Outpatient Neurology and epilepsy clinic. 	8.6 % of total unit training in year 2
	1.5 CP		<ul style="list-style-type: none"> ➤ Attendance of at least 50% of staff members clinical rounds of each neurology unit (1 hour /week for 26 week) 	10.3% of total unit training in year 2
	1.25CP		<ul style="list-style-type: none"> ➤ Clinical teaching 2 hours for 23WK 	8.6% of total unit training in year 2
	0.5 CP		<ul style="list-style-type: none"> ➤ Formative assessment 	3.5% of total unit training in year 2
Student signature			Principle coordinator Signature	Head of the department signature

Cases log:

Case	Number
CVS	At least 20 case
CNS infection.	At least 10 case
Neuromuscular disorders. Muscle diseases Motor neuron disease	At least 5 cases including each type
Peripheral nerve and muscles	At least 10 case
Neuroimmunology : e.g. -Multiple sclerosis. - Polymyositis - Vasculitis.	At least 10cases
Stroke and pregnancy	At least 2 case
Stroke and associated medical condition e.g. - D.M. - Hypertension. - Rheumatic heart disease.	At lest 10 cases for each
Paroxysmal disorders: e.g. Epilepsy. Headache.	20 cases for each
- Neurooncology e.g. - Primary brain tumor and spinal cord tumor -Paraneoplastic.	At 5 cases
Venous thrombosis	At least 2cases
Child neurology	At least 5 cases
Spinal cord disease	At least 5 cases
Movement disorders	At least 5 cases
Cerebellar disorders	At least 3 cases
Geriatric disorders -Neurological disorders coincident with COVID 19 infection -Post covid 19 neurological sequalesa	At least 5 cases At least 3 cases As specified and observe in training

Procedure log of:

 Log of under supervision or Independently :	
<ul style="list-style-type: none"> • CSF aspiration and analysis • CSF tapping • Fundus examination. 	
 Independently Perform:	 Order and interpret:
<ul style="list-style-type: none"> • Clinical sheet for each case log. • Follow up chart for clinical assessment • Treatment chart. • Discharge card. • Consultation of other subspecialties 	<ul style="list-style-type: none"> • CT Brain • MRI SPINE • X ray spine. • Routine laboratory investigations. • Observe Neurophysiology investigation and findings of reports related to case log.



كلية الطب
وحدة ضمان الجودة



Faculty of Medicine
Quality Assurance Unit

Year 3

3.375 CP for didactic teaching in year 3

Name of the course/ units	Credit points	Responsible department	Attendance	Percentage of Achieved points
Unit 1 neurological disorders	3.375CP	Neurology and psychiatry department / neurology unit	Year3	48.2% of total didactics of unit 1
	0.5CP		5 hours ➤ Movement disorders ➤ Ataxia	7.1% of total didactics unit 1
	0.5CP		5 hours ➤ Dementias ➤ Child neurology including birth injury and developmental disorders	7.1% of total didactics unit 1
	0.5 CP		5 hours ➤ Truma. ➤ Demylinating diseases	7.1% of total didactics unit 1
	0.75 CP		7.5 hours ➤ Degenerative disorders ➤ neuroMetabolic disorders ➤ neurocutaneous disorders ➤ neurological manifestations of systemic diseases and general medicine ➤ Environmental neurology.	10.7% of total didactics unit 1
	0.75 CP		12 Seminars ➤ Attendance of at least 50% of the) Seminars Presentation of at least 1 time in) Seminars	10.7% of total didactics unit 1
	0.25 CP		➤ Attendance of at least one Conference or workshop	3.5% of total didactics unit 1
	0.125CP		➤ Formative assessment	1.78%
Student signature			Principle coordinator Signature	Head of the department signature

Year 3(14.5 credit point for training in Unit 1)

Clinical training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Clinical training in Neurology units	3.5CP	Neurology and Psychiatry department	<ul style="list-style-type: none"> ➤ Practice with clinical cases for at least 3 month in the department including interpretation of their different neuroimaging and neuroelectrophysiology tools (CT/MRI brain & spine ,EEG, Neurophysiology study) and related laboratory investigation ➤ Log of Neurology cases as mentioned below ➤ Procedures log as mentioned below 	24.1% of total unit training in year3
	5CP		<ul style="list-style-type: none"> ➤ Night shift (From 2pm to 8am) 1/week for 10 weeks 	33.3% of total unit training in year3
	1.5CP		<ul style="list-style-type: none"> ➤ Attendance of at least 12 weeks in the Outpatient Neurology and epilepsy clinic . 	10.3 % of total unit training in year3
	2 CP		<ul style="list-style-type: none"> ➤ Attendance of at least 50% of staff members clinical rounds of each neurology unit (2 hours /week for 30 week) 	13.8% of total unit training in year 3
	1CP 0.5 CP		<ul style="list-style-type: none"> ➤ Clinical teaching 2 hours for 15wk ➤ clinical presentation in clinical teaching for at least 2 sittings 	6.9 % 3.4 %
	1 CP		<ul style="list-style-type: none"> ➤ Formative assessment 	6.9% of total unit training in year3
Student signature			Principle coordinator Signature	Head of the department signature

ases log:

Case	Number
CVS	At least 20 case
CNS infection.	At least 10 case
Neuromuscular disorders. Muscle diseases Motor neuron disease	At least 5 cases including each type
Peripheral nerve and muscles	At least 10 case
Neuroimmunology : e.g. -Multiple sclerosis. - Polymyositis - Vasculitis.	At least 10cases
Stroke and pregnancy	At least 2 case
Stroke and associated medical condition e.g. - D.M. - Hypertension. - Rheumatic heart disease.	At lest 10 cases for each
Paroxysmal disorders: e.g. Epilepsy. Headache.	20 cases for each
- Neuroncology e.g. - Primary brain tumor and spinal cord tumor -Paraneoplastic.	At 5 cases
Venous thrombosis	At least 2cases
Child neurology	At least 5 cases
Spinal cord disease	At least 5 cases
Movement disorders	At least 5 cases
Cerebellar disorders	At least 3 cases
Geriatric disorders	At least 5 cases

Procedure log of:

✚ Log of under supervision or Independently :	
<ul style="list-style-type: none"> • CSF aspiration and analysis • CSF tapping • Fundus examination. 	
✚ Independently Perform:	✚ Order and interpret:
<ul style="list-style-type: none"> • Clinical sheet for each case log. • Follow up chart for clinical assessment • Treatment chart. • Discharge card. • Consultation of other subspecialties 	<ul style="list-style-type: none"> • CT Brain • MRI SPINE • X ray spine. • Routine laboratory investigations. • Observe Neurophysiology investigation and findings of reports related to case log.



Clinical Rotation

[illegible]



Clinical case log

[illegible]

* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision



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

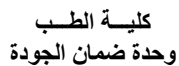


Clinical case log

[illegible]

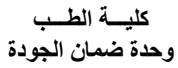
* Level of participation
A- Plan and carry out
B- Carry out
C- Carry out under supervision







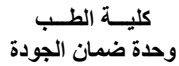


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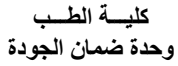
C- Carry out under supervision

[illegible]

C- Carry out under supervision

[illegible]

C- Carry out under supervision

[illegible]

D- Carry out under supervision

[illegible]

C- Carry out under supervision.



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



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



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



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





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



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



Clinical skills & procedures log

[illegible]

* Level of participation

A- Plan and carry out

B- Carry out

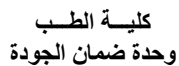
C- Carry out under supervision



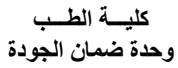
* Level of participation
A- Plan and carry out
B- Carry out
C- Carry out under supervision

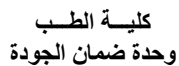


- * Level of participation
A- Plan and carry out
B- Carry out
C- Carry out under supervision



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









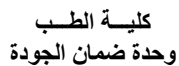


[illegible]

C- Observed

[illegible]

A- Independent performance
B- Performance under supervision
C- Observed

[illegible]

A- Independent performance
B- Performance under supervision
C- Observed

[illegible]

A- Independent performance
B- Performance under supervision
C- Observed

[illegible]

A- Independent performance
B- Performance under supervision
C- Observed





Group A

[illegible]



Group A

[illegible]



Group A

[illegible]



Group B

[illegible]



Group B

[illegible]



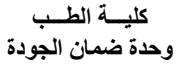
Night Shift

[illegible]



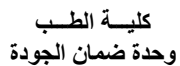
Night Shift

[illegible]



[illegible]









[illegible]

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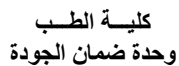
[illegible]



Journal club, conference, workshop

[illegible]

A- Attendance
B- Organization
C- Presentation



Formative assessment and MCQ

[illegible]

*Degree

A- Excellent

B- Very good

C- Good

D- Pass

Postgraduate student's program Rotation in training assessment

* **Name:**




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

To:

* **Site:**

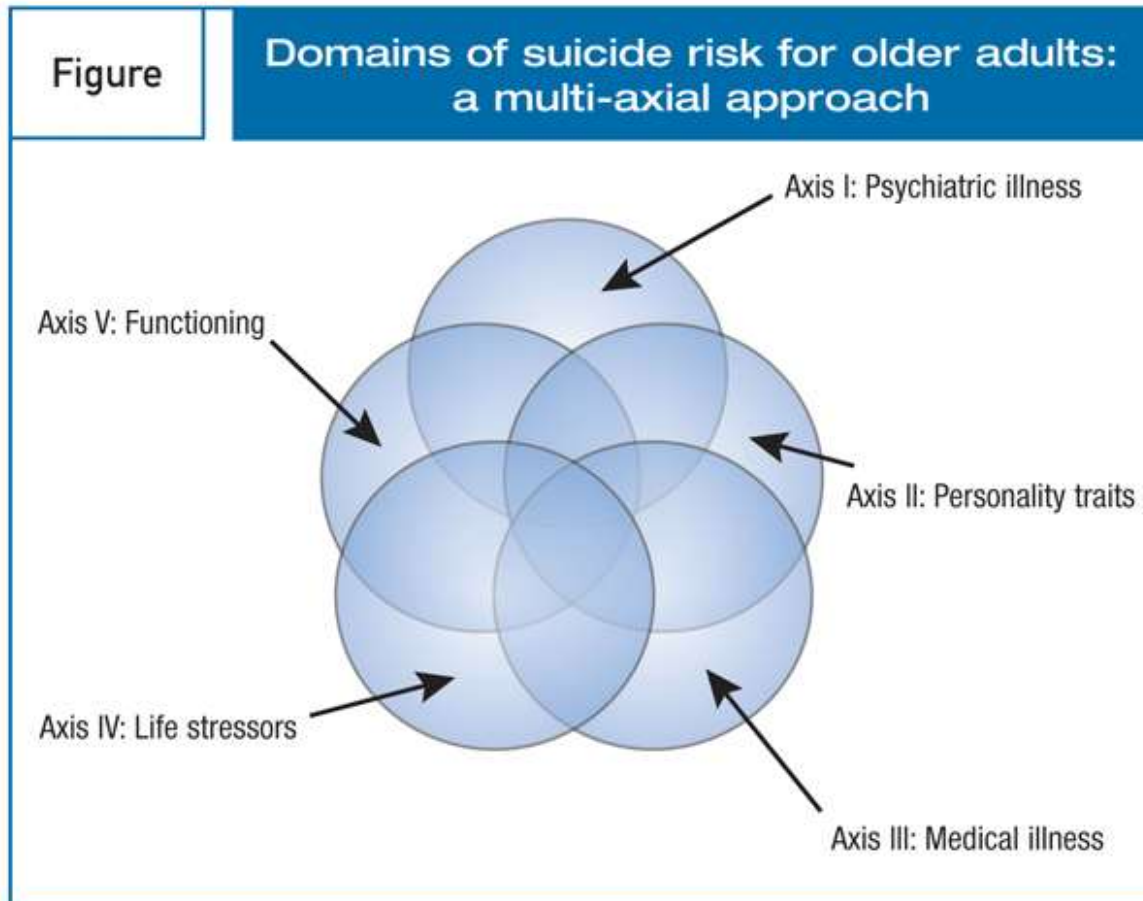
*Rotation

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

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

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

Module 2 Psychiatric disorders



Unit 2 Psychiatric disorders

Rotation / attendance proof

الأماكن التي تدرب بها

أسم المستشفى التي تدرب بها	توقيع رئيس القسم	توقيع مدير المستشفى

Requirements

Requirements

- **Credit points:** 7 credit point for didactic (lectures, seminars, tutorial) and 36 credit point for training.
- **In first year** 0.4CP for didactics and 7 CP for training in psychiatry units.
- **In second year** 3.3CP didactics and 14.5 CP for training in psychiatry units.
- **In third year** 3.3CP didactics and 14.5 CP for training in psychiatry units
 - Minimal rate of attendance 80% of training and didactic
 - Attendance of at least 50% of clinical rounds of each unit.
 - Practice with clinical cases for at least one year in the department including interpretation of their different psychometry and neuroimaging patterns and related laboratory investigation.
 - Formative assessment at the first and second and third year.



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Quality Assurance Unit

Year 2

Year 2 (3.3credit points for didactic)

Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
Unit 2 psychiatric disorders	3.3CP	Neurology and psychiatry department in Psychiatry unit	Year 2	47.15% of the didactics of Unit 2 Psychiatric disorders
			Topics and attendance	%
	0.25CP		2.5 hours • Mood disorders	3.6% of total didactic unit
	0.25CP		2.5 hours • Schizophrenia and other psychotic disorders	3.6% of total didactic unit
	0.25CP		2.5 hours • Anxiety disorders	3.6% of total didactic unit
	0.2CP		2 hours ➤ Somatoform and factitious disorders. 1h ➤ Dissociative and adjustment disorders. 1h	2.8% of total didactic unit
	0.2CP		2 hours ➤ Personality disorders	2.8% of total didactic unit
	0.5CP		5hours ➤ Critical care for psychiatric patients (Emergencies)	7.1% of total didactic unit
	0.2CP		2hours ➤ Dementia and other cognitive and amnesic disorders	2.8% of total didactic unit
	0.4CP		4 hours ➤ Geriatric psychiatry	5.7% of total didactic unit
	0.75CP		Seminars ➤ Attendance of at least 50% of the Didactics seminars ➤ Presentation of at least 1 time in the seminar	10.7% of total didactic unit
	0.1CP		➤ Attendance of at least one Conference or workshop	1.4% of total didactic unit
	0.2CP		➤ Formative assessment	2.9%
Student signature			Principle coordinator Signature	Head of the department signature

Year 2(14.5 credit point for training in Unit 2)

Clinical training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Clinical training in psychiatry disorders	4 CP	Neurology and Psychiatry department/ psychiatry units	<ul style="list-style-type: none"> ➤ Practice with clinical cases for at least 2 month in the department including interpretation of their different neuroimaging and neuroelectrophysiology and psychometric tools (CT BRAIN & spine EEG, Neurophysiology study) and related laboratory investigation and psychometry ➤ Log of psychiatry cases as mentioned below ➤ Procedures log as mentioned below 	27.6% of total unit training in year 2
	6CP		<ul style="list-style-type: none"> ➤ Night shift (From 2pm to 8am) 1/week for 12 weeks 	41.4% of total unit training in year 2
	1.25CP		<ul style="list-style-type: none"> ➤ Attendance of at least 12 weeks in the Outpatient clinic. 	8.6 % of total unit training in year 2
	1.5 CP		<ul style="list-style-type: none"> ➤ Attendance of at least 50% of staff members clinical rounds of each psychiatry units (2 hours /week for 30 week) 	10.3% of total unit training in year 2
	1.25CP		<ul style="list-style-type: none"> ➤ Attendance of Clinical teaching 2 hours for at least 22W; ➤ Presentation for at least 2 sittings 	8.6% of total unit training in year 2
	0.5 CP		<ul style="list-style-type: none"> ➤ Formative assessment 	3.5% of total unit training in year 2
Student signature			Principle coordinator Signature	Head of the department signature

Year 2(14.5 credit point for training in Unit 2)

Cases log:

Case	Number
Schizophrenia and other psychotic disorders.	At least 20 cases
Mood disorders.	20cases including each type
Anxiety disorders.	At least 10 cases for each type
Personality disorders.	At least 5 cases
Psychiatric aspects of medical patients	At least 5 cases
Dementia and other cognitive disorders	At least 3 cases
Child Psychiatry.	At least 5 cases
Somatoform and factitious disorder.	As logged off/ at least 3 cases

Level of competence

E- Carry out independently.

F- Carry out under supervision.

G- Observe.

Procedures and clinical skills log of:

✚ Observe:	✚ Log of under supervision:
<ul style="list-style-type: none"> ECT. Psychotherapy Abreaction. Psychiatric interview and follow up assessment 	<ul style="list-style-type: none"> Clinical sheet Psychiatric interview for assessment and follow up. Treatment chart. Discharge card. ECT Appropriate investigation for psychiatric cases Clinical sheet and treatment subscription of case log. Consultation and assessment of medical cases with psychiatric aspects
✚ Independently Perform:	✚ Order and interpret:
<ul style="list-style-type: none"> Clinical sheet. Follow up chart for clinical assessment Treatment chart. Discharge card. Consultation of other subspecialties 	<ul style="list-style-type: none"> CT Brain Routine laboratory investigations. Observe Neurophysiology & psychometry investigations and findings of reports related to case log.



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Faculty of Medicine
Quality Assurance Unit

Year 3

Year 3 (3.3credit points for didactic)

Name of the course/unit	Credit points	Responsible department	Attendance	Percentage of Achieved points
Unit 2 psychiatric disorders	3.3CP	Neurology and psychiatry department in Psychiatry unit	Year 2	47.15% of the didactics of Unit 2 Psychiatric disorders
			Topics and attendance	%
	0.4CP		4 hours ➤ Child psychiatry	5.7%
	0.2CP		2.hours ➤ Sexual dysfunctions and paraphilias.	2.8%
	0.2CP		2 hours ➤ Sleep disorders.	2.8%
	0.1CP		1 hours ➤ Eating disorders	1.4%
	0.1CP		1 hours ➤ Elimination disorders	1.4%
	0.4CP		4hours ➤ Drug dependence, and induced psychiatric disorders and dementia.	5.7%
	0.25CP		2.5hours ➤ Psychoneuropharmacology	3.6%
	0.2CP		2hours ➤ Psychotherapy	2.8%
	0.2CP		➤ 2 HOURS ➤ Forensic psychiatry.	2.8
	0.3CP		3 HOURS ➤ Psychiatric aspects of medical patients (consultation Liaison psychiatry	4.2%
	0.75CP		Seminars ➤ Attendance of at least 50% of the Didactics seminars ➤ Presentation of at least 1 time in the seminar	10.7%
	0.1CP		➤ Conference or workshop	1.4%
	0.15CP		Formative assessment	2.14%
Student signature			Principle coordinator Signature	Head of the department signature

Year 3(14.5 credit point for training in Unit 2)

Clinical training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Clinical training in psychiatry disorders	3.5CP	Neurology and Psychiatry department/ psychiatric units	<ul style="list-style-type: none"> ➤ Practice with clinical cases for at least 2 month in the department including interpretation of their different neuroimaging and neuroelectrophysiology tools (CT BRAIN & spine EEG, Neurophysiology study) and related laboratory investigation and psychometry ➤ Log of psychiatry cases as mentioned below ➤ Procedures log as mentioned below 	24.1% of total unit training in year3
	5CP		➤ Night shift (From 2pm to 8am) 1/week for 12 weeks	33.3% of total unit training in year3
	1.5CP		➤ Attendance of at least 12 weeks in the Outpatient clinic .	10.3 % of total unit training in year3
	2 CP		➤ Attendance of at least 50% of staff members clinical rounds of each psychiatry units (2 hours /week for 30 week)	13.8% of total unit training in year 3
	1CP 0.5 CP		➤ Clinical teaching 2 hours for 22WK case presentation for at least 2 cases.	6.9 % 3.4 %
	1 CP		➤ Formative assessment	6.9% of total unit training in year3
Student signature			Principle coordinator Signature	Head of the department signature

Cases log:

Case	Number
Schizophrenia and other psychotic disorders.	20 cases
Mood disorders.	20cases including each type
Anxiety disorders.	At least 10 cases
Personality disorders.	At least 5 cases
Psychiatric aspects of medical patients	At least 5cases
Dementia and other cognitive disorders	At least 3 cases
Child Psychiatry.	At least 5 cases
Somatoform and factious disorder.	As logged off/ at least 3 cases

Level of competence

A-Carry out independently.

B-Carry out under supervision.

C-Observe.

Procedures and clinical skills log of:

✚ Observe:	✚ Log of under supervision:
<ul style="list-style-type: none"> ECT. Psychotherapy Abreaction. Psychiatric interview and follow up assessment 	<ul style="list-style-type: none"> Clinical sheet Psychiatric interview for assessment and follow up. Treatment chart. Discharge card. ECT Appropriate investigation for psychiatric cases Clinical sheet and treatment subscription of case log. Consultation and assessment of medical cases with psychiatric aspects
✚ Independently Perform:	✚ Order and interpret:
<ul style="list-style-type: none"> Clinical sheet. Follow up chart for clinical assessment Treatment chart. Discharge card. Consultation of other subspecialties 	<ul style="list-style-type: none"> CT Brain Routine laboratory investigations. Observe Neurophysiology & psychometry investigations and findings of reports related to case log.



Clinical Rotation

[illegible]



Outpatient clinic



Clinical case log

[illegible]

* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision .



Clinical case log

[illegible]

* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision.



Clinical case log

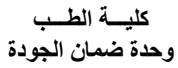
[illegible]

* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision



Clinical case log

[illegible]

* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision.



Clinical case log

[illegible]

* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision.



Clinical case log

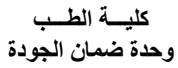
[illegible]

* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision



Clinical case log

[illegible]

* Level of participation

A- Plan and carry out

B- Carry out

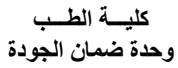
C- Carry out under supervision.

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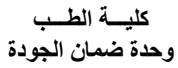
C- Carry out under supervision

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C- Carry out under supervision

[illegible]

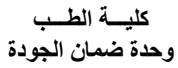
C- Carry out under supervision



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

[illegible]

C- Carry out under supervision.









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



Clinical skills & procedures log

[illegible]

* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision



Clinical skills & procedures log

[illegible]

* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision



Clinical skills & procedures log

[illegible]

* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision



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



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



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



Clinical skills & procedures log

[illegible]

* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision



Clinical skills & procedures log

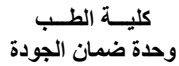
[illegible]

* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision



Clinical skills & procedures log

[illegible]

* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision



Clinical skills & procedures log

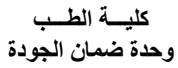
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* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision

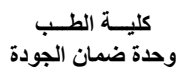


[illegible]

C- Observed

[illegible]

C- Observed



[illegible]

C- Observed

[illegible]

C- Observed

[illegible]

C- Observed



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



Group A

[illegible]



Group A

[illegible]



Group A

[illegible]



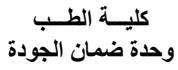
Group B

[illegible]



Group B

[illegible]





Night Shift

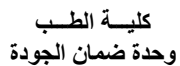
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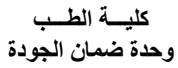
Night Shift

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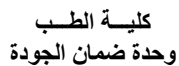
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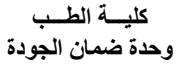
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[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]



Journal club, conference, workshop

[illegible]

A- Attendance
B- Organization



Formative assessment and MCQ

[illegible]

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

Postgraduate student's program Rotation in training assessment

* **Name:**

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




To:

* **Site:**

*Rotation

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

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

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

Module 3 Neurological & Psychiatric Emergencies



Rotation / attendance proof **الأماكن التي تدرب بها**

أسم المستشفى التي تدرب بها	توقيع رئيس القسم	توقيع مدير المستشفى

Requirements

- **Credit points:** 2.5 credit point for didactic (lectures, seminars, tutorial) and 10 credit points for training.
 - Minimal rate of attendance 80% of training and didactic .
 - Practice with clinical cases for at least one year in the department including interpretation of their different neuroimaging patterns ,neuroelectrophysiology , psychometric investigations and related laboratory investigation at different neurology and psychiatry emergency units.



كلية الطب
وحدة ضمان الجودة



Faculty of Medicine
Quality Assurance Unit

Year 2

Year 2 (1.75 credit point for didactic)

Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
Unit (module)3 neurological and psychiatric emergencies	1.75 CP	Neurology and psychiatry department	Year 2	70% of the didactics of Unit 3
			Topics and attendance	%
	0.5CP		5 hours Section 1: Basic and advanced life support Section 3: Indications of admission to ICU Section 4: Vascular access: Section 5: Airway management ➤ Blood gases and oxygen therapy. ➤ Electrolyte disturbance and acid base balance management. ➤ Basic Nursing care of critical ill neuropsychiatric patients in emergency or intensive care units ➤ Drugs infusion pump. ➤ Hemodynamic monitoring. ➤ Hypothermia and hyperthermia. ➤ Nutrition.	20% of total didactics unit
	0.3CP		3 Hours ➤ Coma ➤ Assessment and examination ➤ Neuropsychiatric causes ➤ Management.	12% of total didactics unit
	0.2CP		2 HOURS ➤ Acute neurological deficit ➤ Stroke emergencies and complication (Haemorrhagic and ischemic)	8% of total didactics unit
	0.1CP		1HOUR Status epilepticus	4% of total didactics unit

	0.15CP		<u>1.5 hour</u> <u>Management of Central and peripheral respiratory distress related to neurological causes:</u> <ul style="list-style-type: none"> ➤ Myasthenia gravis ➤ Periodic muscle paralysis. ➤ Transverse myelitis. ➤ Guillain Barre Syndrome ➤ Poly myositis. 	6 % of total didactics unit
	0.1CP		1 hour Neuroleptic Malignant syndrome.	4% of total didactics unit
	0.4 CP		4 Hours Substance intoxication. <ul style="list-style-type: none"> ➤ (Violence)Agitated and excited psychiatric patient. ➤ Suicide. 	16%
Student signature			Principle coordinator Signature	Head of the department signature

(8 credit point for Training in Unit 3)

Clinical training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Clinical training in emergency units	8Credit points	Neurology and Psychiatry department	Year 2	80% of the training in Unit 2
Clinical training in ICU	2 CP	Anesthesia department	<ul style="list-style-type: none"> ➤ Practice with and basic nursing care of ICU patients and practice with clinical cases for at least 8 weeks in the anaesthesia ICU including interpretation of their different radiologic& neuroimaging patterns and related laboratory investigation ➤ Log of cases as mentioned below ➤ Procedures log as mentioned below 	25% of total unit training in year 2
Clinical training in emergency unit	4 CP	Neurology and Psychiatry department	<ul style="list-style-type: none"> ➤ Night shift in emergency unit (From 2 pm to 8 am) 1 night shift/week for 8 weeks ➤ Practice with neurological cases for at least 8 weeks in emergency unit including interpretation of their different radiologic& neuroimaging and neuroelectrophysiology patterns and related laboratory investigation ➤ Log of cases as mentioned below ➤ Procedures log as mentioned below 	50% of total unit training in year 2
Clinical training in Neuropsychiatric emergency unit	2 CP		<ul style="list-style-type: none"> ➤ Practice with basic critical care of psychiatric patients and practice with clinical cases for at least 8 weeks in psychiatric emergency unit including interpretation of their different radiologic& neuroimaging patterns and related laboratory investigation ➤ Log of cases as mentioned below ➤ Procedures log as mentioned below 	25% of total unit training in year 2
Student signature			Principle coordinator Signature	Head of the department signature

Cases log:

Case	Number
Acute Stroke (Hemorrhagic and ischemic).	At least 20
Central and peripheral respiratory distress related to neurological Condition: e.g. - Myasthenia gravis -Guillain Barre Syndrome -. PolymyosAitis. -. Periodic muscle paralysis	At least 5 cases for each
Status epilepticus	At least 5 cases
Coma due to different neurological disorders.	At least 10 for each etiology
Neuroleptic malignant syndrome	At least 3 cases
Suicidal patient.	At least 5 cases
Agitated psychiatric patient.	At least 10 cases
Substance intoxication.	At least 5 cases

Procedure log of:

Log of under supervision or Independently :

- Order and perform Intubation at least 10 under supervision
- Order and perform ventilator adjustment 10 cases under supervision
- Order CVP 5 cases
- Perform Oral airway placement 5 cases
- Perform ABG sampling 20 cases reports
- Interpret haemodynamic monitoring 5 cases
- Interpret ABG sampling 10 reports.
- Correction of acid base balance 5 cases
- Drug monitoring and infusion pump at least 5 cases.
- I.V canula .at least 10 cases.
- Disability assessment Scales: at least 5 for each
- NIHSS.
- SSS.
- GCS.
- Mini- mental state Examination

Year 3(0.75 credit point for didactic)

Name of the course/unit	Credit points	Responsible department	Attendance	Percentage of Achieved points
Unit 3 Neurological and psychiatric emergencies	0.75CP	Neurology and psychiatry department	Year 3	30% of the didactics of Unit 3
	0.3 CP		3 hours ➤ Headache and status migrainosus ➤ Acute blindness and abnormal pupil. ➤ Syncope ➤ Acute dizziness. ➤ Movement disorders in emergencies.	12% of total didactics unit
	0.2 CP		2 hours ➤ Panic disorders ➤ Psychogenic neurogenic syndrome	8% of total didactics unit
	0.25CP		➤ Formative assessment	10% of total didactics unit
Student signature			Principle coordinator Signature	Head of the department signature

Year 3(2 credit point for training)

Clinical training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Unit 3 Neurological and psychiatric emergencies	2Credit points	Neurology and Psychiatry department	Year 3	20% of the training in Unit 3
Clinical training in ICU neurology	1.5 CP		<ul style="list-style-type: none"> ➤ Night shift in neurology ICU unit (From 2 pm to 8 am) 1 night shift/week for 8 weeks ➤ Practice with basic nursing care of neurology and stroke ICU patients and practice with clinical cases for at least 8 weeks in the neurology ICU including interpretation of their different radiologic& neuroimaging patterns and related laboratory investigation ➤ Log of cases as mentioned below ➤ Procedures log as mentioned below 	75% of total unit training in year 3
Clinical training in Psychiatric emergency unit	0.5CP		<ul style="list-style-type: none"> ➤ Practice with basic critical care of psychiatric patients and practice with clinical cases for at least 4 weeks in psychiatric emergency unit (during night shift) including interpretation of their different radiologic& neuroimaging patterns and related laboratory investigation ➤ Log of cases as mentioned below ➤ Procedures log as mentioned below 	25% of total unit training in year 3
Student signature			Principle coordinator Signature	Head of the department signature

Cases log:

Case	Number
Acute Stroke (Hemorrhagic and ischemic).	At least 20 for each type
Central and peripheral respiratory distress related to neurological Condition: e.g. - Myasthenia gravis -Guillain Barre Syndrome -. PolymyosAitis. -. Periodic muscle paralysis	At least 5 cases for each
Status epilepticus	At least 5 cases
Coma due to different neurological disorders.	At least 10 for each etiology
Neuroleptic malignant syndrome	At least 3 cases
Suicidal patient.	At least 5 cases
Agitated psychiatric patient.	At least 10 cases

Procedure log of:

Log of under supervision or Independently :

- Order and perform Intubation at least 10 under supervision
- Order and perform ventilator adjustment 10 cases under supervision
- Order CVP 5 cases
- Perform Oral airway placement 5 cases
- Perform ABG sampling 20 cases reports
- Interpret haemodynamic monitoring 5 cases
- Interpret ABG sampling 10 reports.
- Correction of acid base balance 5 cases
- Drug monitoring and infusion pump at least 5 cases.
- I.V canula .at least 10 cases.
- Disability assessment Scales: at least 5 for each
- NIHSS.
- SSS.
- GCS.
- Mini- mental state Examination



Module III Neurological and Psychiatric Emergencies

[illegible]

***Level of Competence:**

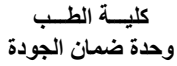
The candidate will begin with level C, and at the end of clinical training will achieve level A in most required professional skills.

A - Plan and Carry out independently.

B- Carry out independently.

C - Carry out under supervision.







Module III Neurological and Psychiatric Emergencies

[illegible]

***Level of Competence:**

The candidate will begin with level C, and at the end of clinical training will achieve level A in most required professional skills.

A - Plan and Carry out independently.

B- Carry out independently.

C - Carry out under supervision.



Module III Neurological and Psychiatric Emergencies

Clinical neurological case log/ *Record of emergency cases*

[illegible]

***Level of Competence:**

The candidate will begin with level C, and at the end of clinical training will achieve level A in most required professional skills.

A - Plan and Carry out independently.

B- Carry out independently.

C - Carry out under supervision.



Module III Neurological and Psychiatric Emergencies

Clinical Psychiatric case log/Record of emergency cases

[illegible]

***Level of Competence:**

The candidate will begin with level C, and at the end of clinical training will achieve level A in most required professional skills.

A - Plan and Carry out independently.

B- Carry out independently.

C - Carry out under supervision.



Module III Neurological and Psychiatric Emergencies

Clinical Psychiatric case log/Record of emergency cases

[illegible]

***Level of Competence:**

The candidate will begin with level C, and at the end of clinical training will achieve level A in most required professional skills.

A - Plan and Carry out independently.

B- Carry out independently.

C - Carry out under supervision.



Module III Neurological and Psychiatric Emergencies

Clinical Psychiatric case log/Record of emergency cases

[illegible]

***Level of Competence:**

The candidate will begin with level C, and at the end of clinical training will achieve level A in most required professional skills.

A - Plan and Carry out independently.

B- Carry out independently.

C - Carry out under supervision.

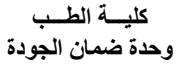


Clinical Rotation

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]









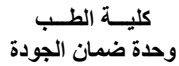


[illegible]





[illegible]



Clinical skills & procedures log (assessment disability scales)

[illegible]

* Level of participation

A- Plan and carry out

B- Carry out

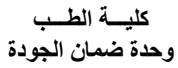
C- Carry out under supervision

[illegible]

C- Carry out under supervision

[illegible]

C- Carry out under supervision

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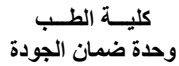
C- Carry out under supervision

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C- Carry out under supervision

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C- Carry out under supervision

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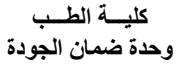
C- Carry out under supervision

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C- Carry out under supervision

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C- Carry out under supervision

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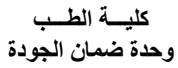
C- Carry out under supervision

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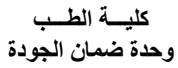
C- Carry out under supervision

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C- Carry out under supervision

[illegible]

C- Carry out under supervision



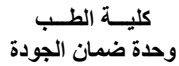


* Level of participation
A- Plan and carry out
B- Carry out
C- Carry out under supervision



[illegible]

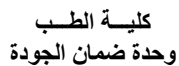
C- Carry out under supervision

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C- Carry out under supervision

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C- Carry out under supervision

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C- Carry out under supervision

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[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]





Formative assessment and MCQ

[illegible]

*Degree

A- Excellent

B- Very good

C- Good

D- Pass



Postgraduate student's program Rotation in training assessment

* **Name:**




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

To:

* **Site:**

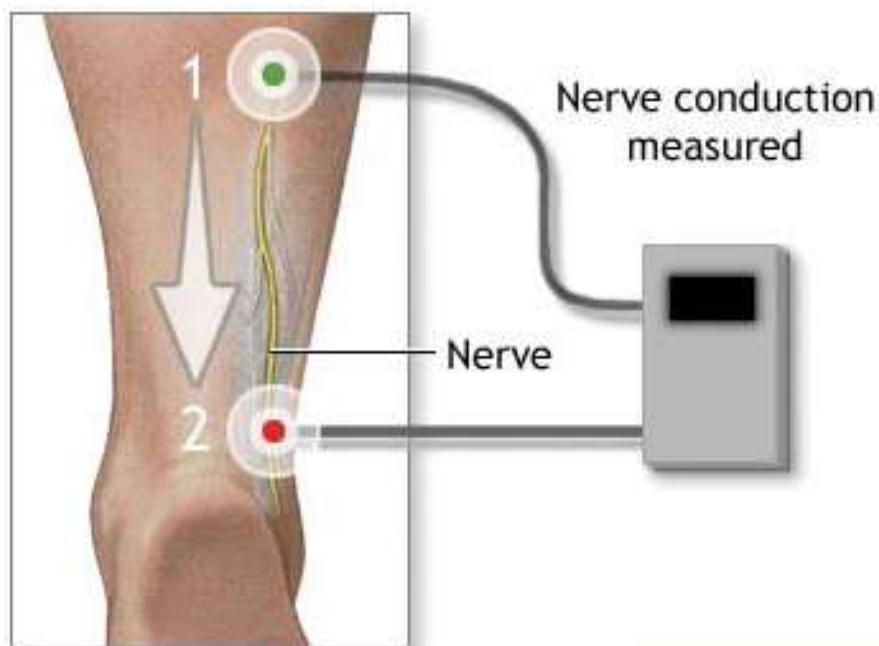
*Rotation

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

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

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

Module 4 Neuroelectrophysiology & Neuroimaging



Rotation / attendance proof **الأماكن التي تدرب بها**

أسم المستشفى التي تدرب بها	توقيع رئيس القسم	توقيع مدير المستشفى

Requirements

- **Credit points:** 2.5 credit point for didactic (lectures, seminars, tutorial) and 10 credit points for training.
 - Minimal rate of attendance 80% of training and didactic.
 - Practice with clinical cases for at least 6 months in the department including interpretation of their different neuroimaging and neuroelectrophysiology patterns and related laboratory investigation.
 - Investigation Spots at 3rd year. .

Year 2(1.25 credit point for didactic)

Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
Unit(Module) 4 Neuroelectrophysiology and Neuroimaging studies	1.25 CP	Neurology and Psychiatry department	Year 2	50% of the didactics of Unit 4
	0.25 CP		2.5 Hours ➤ X- Ray on skull. ➤ X -Ray on Spine ➤ Normal and abnormal findings in neuropsychiatric disorders.	10% of total didactics unit
	0.25CP		2.5 Hours ➤ Normal pattern and report of CT BRAIN. ➤ Normal Pattern and report of CT Spine. ➤ Abnormal Pattern and report of CT BRAIN AND SPINE in neuropsychiatric disorders.	10% of total didactics unit
	0.25CP		2.5 Hours ➤ Normal Pattern and report of MRI BRAIN and MRV&MRA. ➤ Normal pattern and report of MRI Spine. ➤ Abnormal pattern and report of MRI neuroimaging in different neuropsychiatric disorders.	10% of total didactics unit
	0.5CP		5 Hours ➤ Basics and Principles of EEG Techniques. ➤ Normal EEG report. ➤ Diagnostic criteria and writing reports of different neuropsychiatric disorders (Abnormal EEG pattern and report).	20% of total didactics unit
Student signature			Principle coordinator Signature	Head of the department signature

Year 2 (5 credit point for Training in Unit(Module) 4

Clinical training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Clinical training in Neurology and Psychiatry department	5CP	Neurology and Psychiatry department	Year 2	50 % of the training in Unit 4
	5CP		<ul style="list-style-type: none"> ➤ Practice for at least 10 weeks with different neuroimaging and neuroelectrophysiology studies of cases log in neuropsychiatric units ➤ Log of reports related to neuropsychiatric cases as mentioned below 	100% of total unit training in year 2
Student signature			Principle coordinator Signature	Head of the department signature

• Log of reports of the following cases

Case	Number
<ul style="list-style-type: none"> - CVS neuroimaging report. - Venous stroke neuroimaging reports. - Multiple sclerosis neuroimaging reports. - CNS infection neuroimaging reports - Vasculitis - Brain tumor. - Spinal cord tumors. - Inflammatory spinal cord lesion. - Syringomyelia. - Epidural abscess. - Subdural heamatoma. - CNS Truma. - AVM or ANEURYSM in brain. - Oother Space occupying lesion in CNS 	<p>40 cases</p> <p>5 cases</p> <p>3 cases</p> <p>3 cases</p> <p>1 case</p> <p>5 cases</p> <p>5 cases</p> <p>5 cases</p> <p>1 cases</p> <p>As logged of</p>
<p>Neuroelectrophysiology reports</p> <ul style="list-style-type: none"> - Normal EEG Record in adult. - Normal EEG in child. - Normal EEG Sleep rhythm. - Encephelitis, - Encephalopathy(metabolic- toxic -anoxic). - Epilepsy and epileptic syndromes. - EEG in psychiatric patient. - Nerve conduction study. - EMG Study. 	<p>20 reports</p> <p>20 reports</p> <p>20 reports</p> <p>20 reports</p> <p>20 reports</p> <p>20 reports</p> <p>20 reports</p> <p>10 reports</p> <p>10 reports</p>

Year 3(1.25 credit point for didactic)

Name of the course/unit	Credit points	Responsible department	Attendance	Percentage of Achieved points
Module(unit) 4; neuroelectrophysiology and neuroimaging	1.25CP	Neurology and Psychiatry department In Neuroelectrophysiology unit	Year 3	50% of the didactics in Unit4
	0.75CP		7.5 HOURS <ul style="list-style-type: none"> ➤ Basic and principles of Nerve conduction study and techniques. ➤ Normal values of nerve conduction study (MCV&SCV, F- WAVE& H reflex). ➤ Indication of nerve conduction study. ➤ Nerve conduction reports. ➤ Diagnostic criteria and findings of different neuromuscular disorders and reports 	30% of total didactics unit
	0.15CP		1.5 HOURS <ul style="list-style-type: none"> ➤ Basic and principles of EMG Study and techniques. ➤ Normal values and pattern of EMG Study. ➤ Indication of EMG Study. ➤ EMG Study reports. ➤ Diagnostic criteria and EMG findings of different neuromuscular disorders and reports. 	6% of total didactics unit



	0.35 CP		<p>3.5 Hours</p> <p>Evoked potentials (VEP.ABR,SSEP,MEP)</p> <ul style="list-style-type: none"> ➤ Basic and principles of Evoked potentials (VEP.ABR, SSEP, MEP and techniques. ➤ Normal values and pattern of Evoked potentials (VEP.ABR,SSEP,MEP Study). ➤ Indication of Evoked potentials (VEP.ABR,SSEP,MEP Study). ➤ Evoked potentials (VEP.ABR,SSEP,MEP reports. ➤ Diagnostic criteria and Evoked potentials (VEP.ABR,SSEP, MEP) of different neuropsychiatric disorders and reports. 	14% of total didactics unit
Student signature			Principle coordinator Signature	Head of the department signature

Year 3(5 credit point for training in Unit 4)

Clinical training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Clinical training unit 4 in Neuroelectrophysiology unit	5CP	Neurology and psychiatry Department	Year 3	50% of the training in Unit 4
	4.5CP		<ul style="list-style-type: none"> ➤ Practice for at least 8 weeks in Neuroelectrophysiology unit ➤ Log of neuropsychiatric cases as mentioned below ➤ Procedures log as mentioned below 	90% of unit training in year 3
	0.5CP		<ul style="list-style-type: none"> ➤ Formative assessment 	10% of unit training in year 3
Student signature			Principle coordinator Signature	Head of the department signature

• **Log of reports of the following cases***

Case	Number
- Electroencephalography (EEG) report.	40 cases
- Motor conduction study (MCS) reports	20 cases
- Sensory conduction study (SCS) reports	20 cases
- F wave report.	20 cases
- H reflex report.	20 case
- Electromyography study (EMG) report	20 cases
Evoked Potentials report:	20 cases for each
e.g.	
- Visual Evoked Potential (VEP).	20 cases for each
- Auditory Brainstem Related evoked potential (ABR).	20 cases for each
- Motor Evoked Potential (MEP)	20 cases for each
- Somato-Sensory Evoked Potential (SSEP).	20 cases for each
- Sleep report	1 case as logged of

Log of procedures of the following cases*

Case	Number
- Electroencephalography (EEG) procedures.	20 cases
- Motor conduction study (MCS) procedures	20 cases
- Sensory conduction study (SCS) procedures	20 cases
- F wave procedures.	20 cases
- H reflex procedures.	20 casee
- Electromyography study (EMG) procedures	20 cases
Evoked Potentials procedures:	20 cases for each
e.g.	
- Visual Evoked Potential (VEP) procedures.	20 cases for each
- Auditory Brainstem Related evoked potential (ABR) procedures.	20 cases for each
- Motor Evoked Potential (MEP) procedures	20 cases for each
- Somato-Sensory Evoked Potential (SSEP) procedures).	20 cases for each

***At the end of unit training , the candidate should achieve Level A in performance under staff members supervision.**



Clinical case log/Record of cases

[illegible]

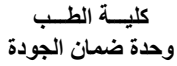
***Level of Competence:**

The candidate will begin with level C, and at the end of clinical training will achieve level A in most required professional skills.

A - Plan and Carry out independently.

B- Carry out independently.

C - Carry out under supervision.

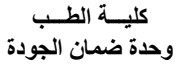


Clinical case log/ Record of cases

[illegible]

The candidate will begin with level C, and at the end of clinical training will achieve level A in most required professional skills.

C - Carry out under supervision.



Clinical case log/ Record of cases

[illegible]

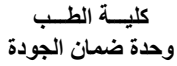
***Level of Competence:**

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B- Carry out independently.

C - Carry out under supervision.



Clinical case log/ Record of cases

[illegible]

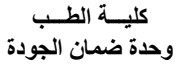
***Level of Competence:**

The candidate will begin with level C, and at the end of clinical training will achieve level A in most required professional skills.

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B- Carry out independently.

C - Carry out under supervision.



Clinical case log/Record of cases

[illegible]

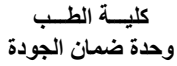
***Level of Competence:**

The candidate will begin with level C, and at the end of clinical training will achieve level A in most required professional skills.

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B- Carry out independently.

C - Carry out under supervision



Clinical case log/ Record of cases

[illegible]

***Level of Competence:**

The candidate will begin with level C, and at the end of clinical training will achieve level A in most required professional skills.

A - Plan and Carry out independently.

B- Carry out independently.

C - Carry out under supervision.



Clinical case log/ Record of cases

[illegible]

***Level of Competence:**

The candidate will begin with level C, and at the end of clinical training will achieve level A in most required professional skills.

A - Plan and Carry out independently.

B- Carry out independently.

C - Carry out under supervision



Clinical case log/ Record of cases

[illegible]

***Level of Competence:**

The candidate will begin with level C, and at the end of clinical training will achieve level A in most required professional skills.

A - Plan and Carry out independently.

B- Carry out independently.

C - Carry out under supervision.



Clinical case log/ Record of cases

[illegible]

***Level of Competence:**

The candidate will begin with level C, and at the end of clinical training will achieve level A in most required professional skills.

- A - Plan and Carry out independently.
B- Carry out independently.
C - Carry out under supervision































Clinical case log (Neuroimaging reports CT)

[illegible]

***Level of Competence:**

The candidate will begin with level C, and at the end of clinical training will achieve level A in most required professional skills.

A - Plan and Carry out independently.

B- Carry out independently.

C - Carry out under supervision.



Clinical case log (Neuroimaging reports MRI)

[illegible]

***Level of Competence:**

The candidate will begin with level C, and at the end of clinical training will achieve level A in most required professional skills.

A - Plan and Carry out independently.

B- Carry out independently.

C - Carry out under supervision







Clinical case log (Neuroimaging reports MRI)

[illegible]

***Level of Competence:**

The candidate will begin with level C, and at the end of clinical training will achieve level A in most required professional skills.

A - Plan and Carry out independently.

B- Carry out independently.

C - Carry out under supervision.















Record of procedures (Evoked potentials)

Hospital number	Diagnosis of case	*Level of competence	Procedure	Signature of supervisor

*Level of Competence:

The candidate will begin with level C, and at the end of clinical training will achieve level A in most required professional skills.

A - Plan and Carry out independently.

B- Carry out independently.

C - Carry out under supervision

[illegible]

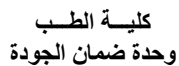
C - Carry out under supervision

[illegible]

[illegible]

- A - Plan and Carry out independently.
B- Carry out independently.
C - Carry out under supervision

[illegible]





Third: Clinical Teaching

[illegible]



Journal club, conference, workshop

[illegible]

A- Attendance
B- Organization
C- Presentation



كلية الطب
وحدة ضمان الجودة



Faculty of Medicine
Quality Assurance Unit

Formative assessment and MCQ

Exam	Score	Grade*	Date	Signature

*Degree

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

Postgraduate student's program Rotation in training assessment

* **Name:**




* **Period of training From:**

To:

* **Site:**

*Rotation

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

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

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

Module 5: interventional Neurology & Psychiatry



Rotation / attendance proof

الأماكن التي تدرب بها

توقيع مدير المستشفى	توقيع رئيس القسم	أسم المستشفى التي تدرب بها

Requirements

- **Credit points:** 2.5 credit points for didactic (lectures, seminars, tutorial) and 10 credit points for training.
 - Minimal rate of attendance 80% of training and didactic
 - Practice with clinical cases and related interventional neurology and psychiatry for at least 2 months in the department including interpretation of their different neuroimaging patterns and related laboratory investigation.

Year 2 (1.4 credit point for didactic)

Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
Module (Unit)5 Interventional neurology and psychiatry	1.4 CP	Neurology and Psychiatry department	Year 2	56 % of the didactics of Unit 5
	0.8CP		8 hours ➤ Interventional neurology in CVS 2.5h. ➤ Interventional neurology in epilepsy 2.5 h. ➤ Interventional neurology in movement disorders 2h. ➤ CSF tapping and injection 1h.	32% of total didactics unit
	0.6CP		6 hours ➤ ECT Techniques 2h. ➤ Abreaction 2h. ➤ Drug screening 2h.	24% of total didactics unit
Student signature			Principle coordinator Signature	Head of the department signature

(8 credit points for training in Unit 5) could be achieved in any year

Clinical training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Clinical training in interventional neurology and psychiatry department	8 CP	Neurology and psychiatry department	Any year	80 % of the training in Unit 5
	2CP		<ul style="list-style-type: none"> ➤ Perform at least 5CSF tapping diagnostic and treatment. ➤ Perform CSF Injection as logged off 	20% of the unit training
	4 CP		<ul style="list-style-type: none"> ➤ Perform 40 ECT with level A in performance of 50% of cases 	40% of the training
	0.5 CP		<ul style="list-style-type: none"> ➤ Attend 3 Abreaction with level B in performance. 	5% of the unit training
	1 CP		<ul style="list-style-type: none"> ➤ Order drug screening 3 cases and management with level B in performance. 	10% of the unit training
	0.5CP		<ul style="list-style-type: none"> ➤ Attend 5 video monitoring EEG. 	5% of the unit training
Student signature			Principle coordinator Signature	Head of the department signature

Year 3(1.1 credit point for didactic)

Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
Unit 5 Interventional neurology and psychiatry	1.1CP	Neurology and Psychiatry department	Year 3	44% of the didactics of Unit 5
	0.8CP		8 hours ➤ rTMS for diagnosis and treatment of neuropsychiatric disorders 4h. ➤ tDCS ➤ plasma pheresis for treatment of neurological disorders 4h.	32% of total unit didactics
	0.2CP		2 hours ➤ Sleep LAB and sleep report in normal subject and .sleep disorders . ➤ Multiple sclerosis unit and onserve monitoring of patient therapy	8% of total unit didactics
	0.1CP		➤ Formative assessment.	4%
Student signature			Principle coordinator Signature	Head of the department signature

Year 3 (2 credit points for Training in Unit 5)

Clinical training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Clinical training in Interventional neurology and psychiatry	2CP	Neurology and Psychiatry department	Year 3	20 % of the training in Unit 5
	2CP		<ul style="list-style-type: none"> ➤ Practice for at least 4 weeks in transcranial magnetic lab. ➤ Log of neuropsychiatric cases as mentioned below ➤ Procedures log as mentioned below 	20 % of total unit training
Student signature			Principle coordinator Signature	Head of the department signature

• Log of the procedures& cases

Case	Number
- rTMS for diagnosis	3 cases
- rTMS for CVS treatment	10 cases
- rTMS for movement disorders.	3 cases
- tDCS for CVS.	As logged off cases.
- Transcranial dopplar.	As logged off cases
- Sleep report.	As logged off cases
- Plasma pharesis	As logged off cases
- Thrombolytic therapy.	As logged off cases
- Immunomodulatory therapy	As logged off cases
- -Neurosonology.	As logged off cases
- Botex injection.	As logged off cases





Clinical case& procedure log(CSF injection)

***Level of Competence:**

A - Plan and Carry out independently.

B- Carry out independently.

C - Carry out under supervision





Clinical case& procedure log(TMS)

[illegible]

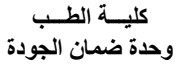
***Level of Competence:**

The candidate will begin with level C, and at the end of clinical training will achieve level A in most required professional skills.

A - Plan and Carry out independently.

B- Carry out independently.

C - Carry out under supervision.



Clinical case & procedure log(tDCS))

[illegible]

***Level of Competence:**

The candidate will begin with level C, and at the end of clinical training will achieve level A in most required professional skills.

A - Plan and Carry out independently.

B- Carry out independently.

C - Carry out under supervision.



Clinical case& procedure log(ECT)

[illegible]

***Level of Competence:**

The candidate will begin with level C, and at the end of clinical training will achieve level A in most required professional skills.

A - Plan and Carry out independently.

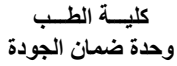
B- Carry out independently.

C - Carry out under supervision.



[illegible]

C - Carry out under supervision.





[illegible]



Post graduate teaching Didactics

[illegible]

[illegible]



Post graduate teaching Seminars

[illegible]

[illegible]



Post graduate teaching

Second: Tutorial

[illegible]



Post graduate teaching

Second: Tutorial

[illegible]



Post graduate teaching

Second: Tutorial

[illegible]



Post graduate teaching

Second: Tutorial

[illegible]



Post graduate teaching

Second: Tutorial

[illegible]



Post graduate teaching

Second: Tutorial

[illegible]



Journal club, conference, workshop

[illegible]

A- Attendance
B- Organization
C- Presentation



Journal club, conference, workshop

[illegible]

A- Attendance
B- Organization
C- Presentation



كلية الطب
وحدة ضمان الجودة



Faculty of Medicine
Quality Assurance Unit

Formative assessment and MCQ

Exam	Score	Grade*	Date	Signature

*Degree

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

Postgraduate student's program Rotation in training assessment

* **Name:**




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




To:

* **Site:**

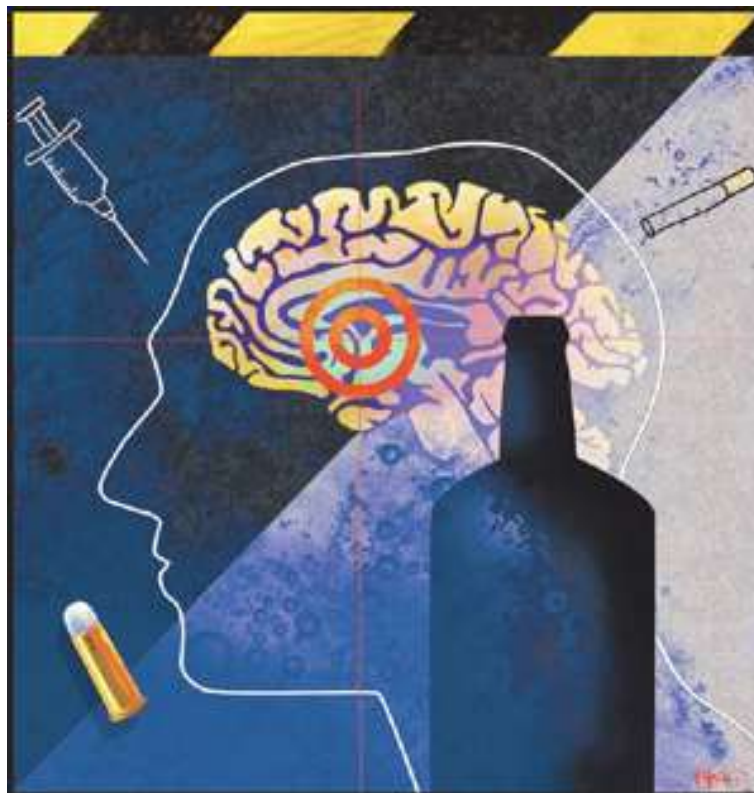
*Rotation

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

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

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

Module 6: Addiction



Rotation / attendance proof **الأماكن التي تدرب بها**

توقيع مدير المستشفى	توقيع رئيس القسم	أسم المستشفى التي تدرب بها

Requirements

- **Credit points:** 1.5 credit point for didactic (lectures, seminars, tutorial) and 5 credit points for training.
 - Minimal rate of attendance 80% of training and didactic
 - Attendance of at least 50% of clinical rounds of each unit.
 - Practice with clinical cases for at least 3 months in the department including interpretation of their different laboratory investigations.

Year 3 (1.5 credit point for didactic)

Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
Module (Unit) 6 Addiction	1.5 CP	Neurology and Psychiatry department	Year 3	100 % of the didactics of Unit 6
	0.3CP		3 hours <u>Substance abuse disorders.</u> ➤ Definition. ➤ Dependence. ➤ Habituation. ➤ Withdrawal. ➤ Intoxication. ➤ List of the psychiatric disorders that share significant comorbidity with substance-related disorders.	20% of total didactics unit
	0.2CP		2 hours <u>Opiate type</u> ➤ Opiate dependence, withdrawal, intoxication.	13.3% of total didactics unit
	0.2CP		2 hours <u>Cannabenoid type</u> ➤ Cannabenoid dependence withdrawal, intoxication.	13.3% of total didactics unit
	0.2CP		2 hours <u>Benzodiazepine type</u> ➤ Benzodiazepine, dependence withdrawal, intoxication	13.3% of total didactics unit
	0.2CP		2 hours <u>Barbiturate type</u> ➤ Barbiturate dependence withdrawal, intoxication.	13.3% of total didactics unit
	0.2CP		2 hours <u>Stimulants type</u> ➤ Stimulants dependence withdrawal, intoxication.	13.3% of total didactics unit
	0.1CP		1 hour ➤ Other types of substance dependence (volatiles).	6.7% of total didactics unit
	0.1CP		➤ Formative assessment.	6.7%
Student signature			Principle coordinator Signature	Head of the department signature

(5 credit points for training in Unit 6) could be achieved in any year

Clinical training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Clinical training in addiction unit & psychiatric emergency unit	5CP	Neurology and Psychiatry Department	Any year	100 % of the training in Unit 6
	3CP		➤ Practice with required cases log of addiction for 8 weeks as mentioned below in addiction unit and psychiatric emergency unit	60% of unit training
	1CP		➤ Attend clinical round in addiction unit at least once/week for 8 weeks.	20% of unit training
	1CP		➤ Attend outpatient clinic of addiction for 4 weeks, once/week.	20% of unit training
Student signature			Principle coordinator Signature	Head of the department signature

Case log:

Case	Number
<ul style="list-style-type: none">- Cannabinoid dependence.- Benzodiazepine dependence.- Opiate dependence.- Barbiturate dependence.Stimulants dependence.-Volatile dependence.- Psychiatric disorders that share significant co morbidity with substance-related disorders.- Clinical intoxication and withdrawal pictures of the above mentioned substances.	<p>At least 5 cases with level B</p> <p>At least 5 cases with level B</p> <p>At least 5 cases with level B</p> <p>At least 5 cases with level B</p> <p>At least 5 cases with level B</p> <p>At least 5 cases with level B</p> <p>At least 5 cases with level B</p> <p>At least 5 cases with level B</p>



Clinical case log Record of addiction cases

Hospital number	Diagnosis of case	*Level of competence	Location	Signature of supervisor

*Level of Competence:

The candidate will begin with level C, and at the end of clinical training will achieve level A in most required professional skills.

A - Plan and Carry out independently.

B- Carry out independently.

C - Carry out under supervision.



[illegible]

C - Carry out under supervision.

[illegible]

C - Carry out under supervision.

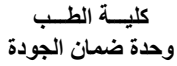




[illegible]

C - Carry out under supervision.



[illegible]

C - Carry out under supervision.



[illegible]

C - Carry out under supervision.



Clinical round

[illegible]



Clinical round

[illegible]



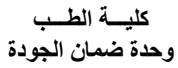
Out patient clinic







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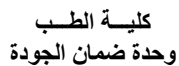
Second: Tutorial

[illegible]



Third: Clinical Teaching

[illegible]



Journal club, conference, workshop

[illegible]

A- Attendance
B- Organization
C- Presentation



كلية الطب
وحدة ضمان الجودة



Faculty of Medicine
Quality Assurance Unit

Formative assessment and MCQ

Exam	Score	Grade*	Date	Signature

*Degree

A- Excellent

B- Very good

C- Good

D- Pass

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) (7)	strongly agree (7)
Perform practice-based improvement activities using a systematic methodology (share in audits and risk management activities and use logbooks).						
Appraises evidence from scientific studies.						
Conduct epidemiological studies and surveys.						
Perform data management including data entry and analysis and using information technology to manage information, access on-line medical information; and support their own education.						

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

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

Module 7: Psychometry Lab



Rotation / attendance proof **الأماكن التي تدرب بها**

أسم المستشفى التي تدرب بها	توقيع رئيس القسم	توقيع مدير المستشفى

Requirements

- **Credit points:** 1 credit point for didactic (lectures, seminars, tutorial) and 3 credit point for training.
 - Minimal rate of attendance 80% of training and didactic
 - Attendance of at least 30% of clinical rounds of each unit.
 - Practice with clinical cases for at least one year in the department including interpretation of their different neuroimaging patterns and related laboratory investigation.
 - Formative assessment examinations at the third year (spots investigation).

Year 3(1 credit point for didactic)

Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
Unit(module) 7 Psychometry lab	1 CP	Neurology and Psychiatry Department	Year 3	100% of the didactics of Unit 7
	0.2CP		2 Hours ➤ Psychometry tests for Mental subnormality	20%
	0.2CP		2 Hours ➤ Psychometry tests for Dementias of different subtypes	20%
	0.2CP		2 Hours ➤ Psychometry tests for Personality disorders	20%
	0.4CP		4 Hours ➤ Psychometry tests for Different psychiatric disorders. e. g. Depression, Obsessive compulsive disorders. OCD),.....etc.	40%
Student signature			Principle coordinator Signature	Head of the department signature

(3 credit points for training in Unit 7) could be achieved in any year

Clinical training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Clinical training in Psychometry lab	3CP	Neurology and psychiatry department	Any year(1-3) YEAR	100 % of the training in Unit 7
	1CP		➤ Attend 4 weeks in psychometric lab with practice of different neuropsychiatric cases for diagnosis or follow up treatment.	33.3% of training unit
	1CP		➤ Perform psychometry test log as mentioned below	33.3% of training unit
	0.75CP		➤ Writing report of psychometry test mentioned below in psychometry test log	25% of training unit
	0.25CP		➤ Formative Assessment	8.3%
Student signature			Principle coordinator Signature	Head of the department signature

List of Requirements of Psychometry test log

Module VII Psychometry lab.	Number of cases	*Level of competence	Supervisor
Intelligence tests e.g. Stanford Binet test. Wechsler intelligence scale, for: - Preschool children, - children. - Adults.	At least 3 for each	A	Staff member
Personality tests; e.g. a-[Structured Interview for the Five factor model of personality (SIFFM) b- Projective tests; e.g.-- - Rorschach tests - Thematic apperception test (TAT) - Children apperception test (CAT) - Word association tests. - Rating scales.	At least 3 for each	A	Staff member
Tests for dementias; e.g. - Mini-mental state examination	At least 5	A	Staff member
Tests for brain damage; e.g. - Bender Gestalt test - Benton visual retention test .and - Deterioration index (DI).	At least 3 for each	A	Staff member

*Level of Competence:

The candidate will begin with level C, and at the end of clinical training will achieve level A in most required professional skills.

- A - Plan and Carry out independently.
- B- Carry out independently.
- C - Carry out under supervision



Psychometry lab
clinical case log
Record of cases

[illegible]

***Level of Competence:**

The candidate will begin with level C, and at the end of clinical training will achieve level A in most required professional skills.

A - Plan and Carry out independently.

B- Carry out independently.

C - Carry out under supervision.



clinical case log

Record of cases

[illegible]

The candidate will begin with level C, and at the end of clinical training will achieve level A in most required professional skills.

B- Carry out independently.

C - Carry out under supervision.



clinical case log

Record of cases

[illegible]

***Level of Competence:**

The candidate will begin with level C, and at the end of clinical training will achieve level A in most required professional skills.

A - Plan and Carry out independently.

B- Carry out independently.

C - Carry out under supervision.



Record of cases

[illegible]

The candidate will begin with level C, and at the end of clinical training will achieve level A in most required professional skills.

B- Carry out independently.

C - Carry out under supervision.



Record of cases

[illegible]

The candidate will begin with level C, and at the end of clinical training will achieve level A in most required professional skills.

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C - Carry out under supervision.



Record of cases

[illegible]

The candidate will begin with level C, and at the end of clinical training will achieve level A in most required professional skills.

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C - Carry out under supervision.



Record of cases

[illegible]

The candidate will begin with level C, and at the end of clinical training will achieve level A in most required professional skills.

B- Carry out independently.

C - Carry out under supervision.



Record of cases

[illegible]

The candidate will begin with level C, and at the end of clinical training will achieve level A in most required professional skills.

B- Carry out independently.

C - Carry out under supervision.



Psychometry report

[illegible]

***Level of Competence:**

The candidate will begin with level C, and at the end of clinical training will achieve level A in most required professional skills.

A - Plan and Carry out independently.

B- Carry out independently.

C - Carry out under supervision.





Psychometry report

[illegible]

***Level of Competence:**

The candidate will begin with level C, and at the end of clinical training will achieve level A in most required professional skills.

A - Plan and Carry out independently.

B- Carry out independently.

C - Carry out under supervision.



Psychometry report

[illegible]

***Level of Competence:**

The candidate will begin with level C, and at the end of clinical training will achieve level A in most required professional skills.

A - Plan and Carry out independently.

B- Carry out independently.

C - Carry out under supervision.



Psychometry report

[illegible]

***Level of Competence:**

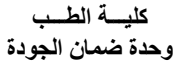
The candidate will begin with level C, and at the end of clinical training will achieve level A in most required professional skills.

A - Plan and Carry out independently.

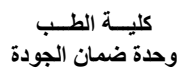
B- Carry out independently.

C - Carry out under supervision.

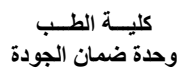
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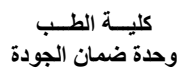
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- 546 -



- 547 -



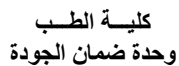
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Journal club, conference, workshop

[illegible]

A- Attendance
B- Organization
C- Presentation



Formative assessment and MCQ

[illegible]

*Degree

A- Excellent

B- Very good

C- Good

D- Pass.

Postgraduate student's program Rotation in training assessment

* Name:

* Period of training From:

To:

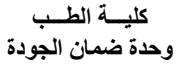
* Site:

*Rotation

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

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

General skills	could not judge (0)	strongly disagree(1)	(2) (3)	(4) (5)	(6)	strongly agree (7)
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Assist patients in dealing with system complexities.						



الأماكن التي تدرب بها

[illegible]



كلية الطب
وحدة ضمان الجودة

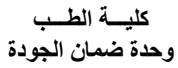


Faculty of Medicine
Quality Assurance Unit

Elective Course 1

Requirements

- **Credit points:** 2 credit point.
 - Minimal rate of attendance 80% of lectures and 80% of training



Elective Course 1 Lectures

[illegible]

[illegible]

Other Activities

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



1- Academic activities

Lecture, journal club, tutorial, clinical teaching, seminar, conference, workshop"

[illegible]

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



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



Lecture, journal club, seminar, conference, workshop"

[illegible]

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



1- Academic activities

Lecture, journal club, seminar, conference, workshop"

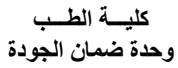
[illegible]

**** Your role:-**

A- Presentation.

B- Organization.

C- Attendance.



1- Academic activities

Lecture, journal club, seminar, conference, workshop"

[illegible]

**** Your role:-**

A- Presentation.

B- Organization.

C- Attendance.



2- Academic achievements''

[illegible]

C - Evidence- based medicine "generation of guidelines" protocols

[illegible]

Your role **

A - Audit participation

B - Research "clinical trial" participation.

C - Evidence- based medicine "generation of guidelines" protocols



2- Academic achievements''

[illegible]

A - Audit participation

B - Research "clinical trial" participation.

C - Evidence- based medicine "generation of guidelines" protocols.



2- Academic achievements''

[illegible]

A - Audit participation

B - Research "clinical trial" participation.

C - Evidence- based medicine "generation of guidelines" protocols



Program Master Degree of Neurology and Psychiatry Department
Formative assessment

[illegible]

** - Mini clinical examination

-Quizzes.

-MCQ.



كلية الطب
وحدة ضمان الجودة



Faculty of Medicine
Quality Assurance Unit

Master Degree Essay/Thesis

- **Type :**
- **Title in English:**
- **Title in Arabic:**
- **Supervisors:**
- **Summary in English:**
- **Summary in Arabic:**

Declaration of Coordinators of Modules/ Courses and Program at second part

Module / Speciality course)	Coordinator
I- Neurological disorders	
II- Psychiatric disorders.	
III- Neurological and Psychiatric emergencies.	
IV-Neuroelectrophysiology and Neuroimaging Studies.	
V- Interventional Neurology and Psychiatry	
VI- Addiction.	
VII- Psychometry Lab.	
- Elective Course (s) Certificate (s) Dates:	
- Master Degree Thesis Acceptance Date:	
- Fulfillment of required credit points prior to final examination	
Coordinator of Program: - Principle Coordinator.	
Director of Program: Head of Department	

يعتمد
أ.د/ رئيس القسم