

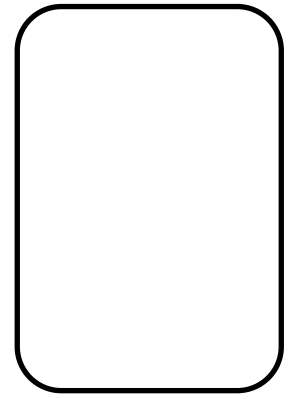
Medical Doctorate (M.D.) Degree of Anesthesia and Postoperative Intensive Care Log Book



” كراسية الأنشطة ”
اللازمة لحصول المتدرب على درجة الدكتوراه في التخدير
و العناية المركزة
2022-2023

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Personal Data:

Name: **Date of birth:**/...../.....

Address:

Place of work:

Telephones: **Mobile phone(s):**

Mail Address: **E mail:**

<i>Name of hospital</i>	<i>Period of work</i>	<i>Hospital director signature</i>

Academic Information

- **M.B.B.Ch:**

Date/...../..... University..... Grade

- **Master degree:**

Date/...../..... University..... Grade

- **Grade of General Surgery course on graduation**

- **Others:**

Date/...../..... University

Date/...../..... University

Date/...../..... 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:-

1- Clinical case log

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

2- You should record all clinical cases in the module and each case should be signed by you trainer.

2- Clinical case presentation log

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

3- Procedures / operations log

1- You will find a list for required procedure, diagnostic – therapeutic operations and level of desired performance you should achieve at the end of training.

2- You will find empty tables to write down the procedure, you level of participation and date and signature of supervisor.

4- Rotation / attendance proof

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

For the whole program fill the following sections

1- Academic activities

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

2- Academic achievements

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

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

3- Formative assessment log

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

- Mini clinical examination
- Quiseses

1- Program aims

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

1/2 To Provide candidates with fundamental knowledge and skills of Critical care medicine as regards; dealing with critically ill patients, ICU equipments, techniques, indications, contraindications and training skills of different Critical care techniques.

1/3 To enable candidates to perform high standard scientific medical research and how to proceed with publication in indexed medical journals.

1/4 To enable candidates to describe the basic ethical and medicolegal principles relevant to anesthesia and Critical care medicine.

1/5 To enable candidates to have professional careers as a consultant in Egypt but recognized abroad.

1/6 To enables candidates to continue self learning in subspecialties.

1/7 To enable candidates to master different research methodology and do their own.

5- Program Structure

Program Time Table: Duration of program up to 4 years (could be extended to 6 years) divided into

Part 1: Program-related basic science courses

- Medical statistics.
- Research methodology
- Medicolegal Aspects and Ethics in Medical Practice and Scientific Research

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

Thesis and 2 published researches: For the MD thesis;

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

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

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

Part 2: Program –related speciality courses and ILOs

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

First Part

Basic science Courses:

<i>Course</i>	<i>Name of the course</i>
Course 1	Medical statistics
Course 2	Research methodology
Course 3	Medicolegal Aspects and Ethics in Medical Practice and Scientific Research
Course 4	Anesthesia and Intensive Care 1 - Pharmacology & Physiology & Measurements

Medical statistics

Requirements

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

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

Research Methodology

Requirements

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

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

Research Methodology

Lectures and tutorials

Date	Attendance	Topic	Signature

Medicolegal Aspects and Ethics in Medical Practice and Scientific Research

Requirements

◆ **Credit points: 1 credit point**

Minimal rate of attendance 80%

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

Anesthesia and Intensive Care 1
Pharmacology, Physiology and
Measurements

Pharmacology

Requirements

- Credit points: 3.5 credit point
- Minimal rate of attendance 80%

<i>Name of the course</i>	<i>Credit points</i>	<i>Responsible department</i>	<i>Attendance</i>	<i>Percentage of achieved points</i>
Pharmacology	1	Anesthesia	<p style="text-align: center;">10 hours</p> <ul style="list-style-type: none"> - Introduction to Pharmacology and Drug Doses - Pharmacokinetics and Anesthesia - Pharmacodynamics and Receptor Physiology 	28.57 %
	1		<p style="text-align: center;">10 hours</p> <ul style="list-style-type: none"> - drug-drug interaction related to anesthesia - The Pharmacology of the Autonomic Nervous System 	28.57 %
	1		<p style="text-align: center;">10 hours</p> <ul style="list-style-type: none"> - Intravenous Drugs used for the Induction of Anaesthesia - Pharmacology of Inhalational Anesthetics 	28.57 %
	0.5		<p style="text-align: center;">5 hours</p> <ul style="list-style-type: none"> - Pharmacology of Neuromuscular Blocking Drugs and Anticholinesterases - Local Anesthetic Pharmacology 	14.29 %
<i>Student signature</i>			<i>Principle coordinator signature</i>	Head of the department signature

Pharmacology (Lectures)

<i>Date</i>	<i>Attendance</i>	<i>Topic</i>	<i>Signature</i>

Physiology

Requirements

• **Credit points: 1.75 credit point**

• **Minimal rate of attendance 80%**

<i>Name of the course</i>	<i>Credit points</i>	<i>Responsible department</i>	<i>Attendance</i>	<i>Percentage of achieved points</i>
Physiology	0.4	Anesthesia	4 hours - Cardiovascular Physiology - Aspects of Myocardial Physiology Cerebral Blood Flow and Intracranial Pressure	22.86 %
	0.4		4 hours - The Autonomic Nervous System – Basic Physiology - The Physiology of Neuromuscular Junction - Body Fluid Compartments, Sodium and Potassium physiology	22.86 %
	0.5		5 hours - Respiratory Physiology - Renal physiology - Hepatic physiology	28.57 %
	0.45		4.5 hours - Endocrine Physiology - Physiology of Pain - Physiological Changes Associated with Pregnancy, pediatric and elderly patients.	25.71 %
<i>Student signature</i>			<i>Principle coordinator signature</i>	Head of the department signature

Physiology (Lectures)

<i>Date</i>	<i>Attendance</i>	<i>Topic</i>	<i>Signature</i>

Measurements

Requirements

● **Credit points: 1.75 credit point**

● **Minimal rate of attendance 80%**

<i>Name of the course</i>	<i>Credit points</i>	<i>Responsible department</i>	<i>Attendance</i>	<i>Percentage of achieved points</i>
Measurements	0.45	Anesthesia	4.5 hours - SI Units - Electricity and Magnetism - The Physics of Flow - Pressure and Blood Pressure Monitoring	25.71 %
	0.4		4 hours - Biological Signals and their Measurement - Practical Applications of Pulse Oximetry - Respiratory Gas Analysis	22.86 %
	0.4		4 hours - Vaporizers - Anesthetic Breathing Systems - Anesthetic Gas Scavenging	22.86 %
	0.5		5 hours - Gases and Vapors - Humidification - Heat Production and Loss - Fires and Explosions in the Operating Room	28.57 %
<i>Student signature</i>			<i>Principle coordinator signature</i>	<i>Head of the department signature</i>

Measurements (lectures)

<i>Date</i>	<i>Attendance</i>	<i>Topic</i>	<i>Signature</i>

Course (5): Anesthesia and Intensive Care

<i>Units' Titles' list</i>	<i>% from total Marks</i>	<i>Level (Year)</i>	<i>Core Credit points</i>		
			<i>Didactic</i>	<i>training</i>	<i>Total</i>
1) Unit 1 "Anesthesia and perioperative medicine"	80%	1,2,3&4	19.2	98.4	117.6
2) Unit 2 "Critical Care Medicine"	15%	2,3&4	3.6	18.45	22.05
3) Unit 3 " Chronic Pain Management"	5%	3&4	1.2	6.15	7.35
Total No. of Units:	3	1,2,3&4	24	123	147

Unit (module) 1
Anesthesia and Peri-operative
Medicine



Unit (Module) 1

(Anesthesia and peri-operative medicine)

Rotation / attendance proof

الأماكن التي تدرب بها

توقيع مدير المستشفى	توقيع رئيس القسم	أسم المستشفى التي تدرب بها

Requirements

- **Credit points:** 19.2 credit point for didactic (lectures, seminars, tutorial) and 98.4 point for training.
- Minimal rate of attendance 80% of training and didactic

Year 1

(25.6 credit points for training)

<i>Clinical training</i>	<i>Credit points</i>	<i>Responsible department</i>	<i>Attendance</i>	<i>Percentage of Achieved points</i>
Clinical training in Anesthesia department	8	Anesthesia department	<ul style="list-style-type: none"> ➤ Practice with anesthesia of at least 8 weeks -Log of cases : as mentioned below -Log of procedure as mentioned below 	31.25%
	10		<ul style="list-style-type: none"> ➤ Night shift (From 2 pm to 8 am) 1 night shift /week for 20 weeks in trauma department, obstetric emergency department, general surgery department ➤ Log of cases : 80 cases 	39.07%
	2		<ul style="list-style-type: none"> ➤ Attendance of at least 4 weeks in the anesthesia clinic (3 hours/day) 	7.81 %
	2		<ul style="list-style-type: none"> ➤ Attendance of at least 30% of clinical rounds (2 hours /week for 30 week) 	7.81 %
	2		<ul style="list-style-type: none"> ➤ Attend clinical teaching and clinical teaching for students 2 hours /week for 30 week 	7.81 %
	1.6		<ul style="list-style-type: none"> ➤ Formative assessment 	6.25%
Student signature			Principle coordinator Signature	Head of the department signature

Anesthesia log of cases

Anesthesia subspecialty	Number of cases
General surgery	10
Orthopedic surgery	10
Uro-genital surgery	10
Plastic surgery	10
Gynecologic surgery	10
ENT	10
Pediatric surgery	10
Ophthalmology	10

Procedure log of:

<i>Procedure</i>	<i>Number</i>
• Gaseous induction	15
• GA mask	15
• Subarachnoid (spinal)	30
• Nasal intubation	15
• GA with endotracheal tube and IPPV	30
• GA with LMA and spontaneous ventilation	20
• GA with endotracheal tube and spontaneous ventilation	30
• GA LMA IPPV	10
• Epidural block	5
• Caudal block	5
• Combined spinal-Epidural (CSE) (5)	5
• Double luminal tube (5)	5
• CVP insertion (5)	5
• Arterial line insertion (5)	5
• Hand block (5)	5
• Fiber optic intubation (5)	5
• Fiber optic awake (5)	5
• Brachial super-scapular block	5
• Brachial maxillary block	As logged
• Femoral block	As logged
• Brachial intra-Scapular block	As logged
• Ilio-inguinal block	As logged

Year 2

(10.7 credit points for didactic)

Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
Unit 1 Anesthesia and perioperative medicine	10.7	Anesthesia	Year 2	57.66% of the didactics of Unit 1
	7.5		Topics and attendance	70.1 %
	1		10 hours Preoperative Assessment and Management Anesthesia for Healthy Patients Patient positioning Airway management	
	1.5		15 hours Principles of Pharmacokinetics and Pharmacodynamics: Pharmacology of Intravenous Anesthetics Pharmacology of Opioid Analgesics Total Intravenous Anesthesia Cardiovascular Drugs Pharmacology of Local Anesthetics	
	1		10 hours Anesthesia Drugs and Drug Delivery Systems Mechanisms of General Anesthetic Action Pharmacology of Inhalational Anesthetics and muscle relaxants Anesthesia Delivery System	
	2.5		25 hours Preoperative Evaluation of the Anesthesia Patient Evaluation of the Patient with Cardiovascular Disease Evaluation of the Patient with a Difficult Airway Evaluation of the Patient with Pulmonary Disease Evaluation of the Patient with Neuropsychiatric Disease Evaluation of the Patient with Neuromuscular or Skeletal Disease Evaluation of the Patient with Endocrine Disease Evaluation of the Patient with Renal Disease Evaluation of Patients with Hepatic Disease Evaluation of patients with Anemia or Coagulation Disorders	

			Evaluation of the Patient with Perioperative Malnutrition Evaluation of the Newborn Evaluation of Children Evaluation of the Geriatric Patient Evaluation of the Pregnant Patient Evaluation of the Obese Patient Evaluation of the Patient with Drug Addiction	
	1		10 hours Monitoring the Anesthesia Patient Hemodynamic Monitoring Transesophageal Echocardiography: Monitoring Respiratory system Neurologic Monitoring Monitoring of Neuromuscular Blockade Monitoring of Perioperative Electrolyte	
	0.5		Post-operative care Recovery of the Healthy Patient Postoperative Complications Management of Acute Postoperative Pain	
	1.5		Seminars Attendance of at least 50% of the clinical seminars Presentation of at least 1 time in the seminar	14 %
	1		Conference or workshop	9.4%
	0.7		Formative assessment	6.5%
Student signature			Principle coordinator Signature	Head of the department signature

Year 2

(34 credit point for training in Unit 1)

<i>Clinical training</i>	<i>Credit points</i>	<i>Responsible department</i>	<i>Attendance</i>	<i>Percentage of Achieved points</i>
Clinical training in Anesthesia department	9	Anesthesia department	<ul style="list-style-type: none"> ➤ Practice with anesthesia of at least 9 weeks - Log of cases : as mentioned below - Log of procedure as mentioned below 	26.5%
	13		<ul style="list-style-type: none"> ➤ Night shift (From 2 pm to 8 am) 1 night shift /week for 26 weeks in trauma department, obstetric emergency department, general surgery department ➤ Log of cases : 110 cases 	38.3%
	4		<ul style="list-style-type: none"> ➤ Attendance of at least 8 weeks in the anesthesia clinic (3 hours/day) 	11.8%
	3		<ul style="list-style-type: none"> ➤ Attendance of at least 30% of clinical rounds (2 hours /week for 45 week) 	8.8%
	3		<ul style="list-style-type: none"> ➤ Attend clinical teaching and clinical teaching for students 2 hours /week for 45 week 	8.8%
	2		<ul style="list-style-type: none"> ➤ Formative assessment 	5.8%
Student signature			Principle coordinator Signature	Head of the department signature

Anesthesia log of cases

Anesthesia subspecialty	Number of cases
General surgery	10
Orthopedic surgery	10
Uro-genital surgery	10
Plastic surgery	10
Gynecologic surgery	10
ENT	10
Pediatric surgery	10
Ophthalmology	10
Vascular surgery	10

Procedure log of:

<i>Procedure</i>	<i>Number</i>
• Gaseous induction	15
• GA mask	15
• Subarachnoid (spinal)	30
• Nasal intubation	15
• GA with endotracheal tube and IPPV	30
• GA with LMA and spontaneous ventilation	20
• GA with endotracheal tube and spontaneous ventilation	30
• GA LMA IPPV	10
• Epidural block	5
• Caudal block	5
• Combined spinal-Epidural (CSE) (5)	5
• Double luminal tube (5)	5
• CVP insertion (5)	5
• Arterial line insertion (5)	5
• Hand block (5)	5
• Fiber optic intubation (5)	5
• Fiber optic awake (5)	5
• Brachial super-scapular block	5
• Brachial maxillary block	As logged
• Femoral block	As logged
• Brachial intra-Scapular block	As logged
• Ilio-inguinal block	As logged

Year 3

(8.5 credit points for didactic)

Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
Unit 1 anesthesia and peri-operative medicine	8.5	Anesthesia department	Year 2	42.34% of the didactics of Unit 1
	5.5		Topics and attendance	64.70%
	1		10 hours Regional Anesthesia Neuraxial Anesthesia Paravertebral Anesthesia Peripheral Nerve Blocks Complications of Regional Anesthesia and their management	
	3		30 hours Specialty Areas of Anesthetic Practice Anesthesia for Gastrointestinal Surgery Anesthesia for Liver Surgery and Transplantation Anesthesia for Kidney, Pancreas, or Other Organ Transplantation Endocrine Surgery Anesthesia for Genitourinary and Renal Surgery Anesthesia for Obstetric and Gynecologic Surgery Neuroanesthesia Cardiac Anesthesia Anesthesia for Surgical Treatment of Congenital Heart Anesthesia for Major Vascular Surgery Thoracic Anesthesia Anesthesia for Heart or Lung Transplantation Anesthesia for Newborn Surgical Emergencies Anesthesia for Children Anesthesia for Orthopedic Surgery Anesthesia for Ophthalmic Surgery Anesthesia for Otorhinolaryngologic (Ear, Nose, and Throat) Surgery Outpatient Anesthesia Monitored Anesthetic Care and Conscious Sedation Anesthesia Care for Diagnostic or Therapeutic	

			Procedures Outside of the Operating Room Anesthesia for Trauma Patients Anesthetic Management of the Burned Patient	
	0.5		5 hours Some consideration for anesthesia care Blood and Blood Component Therapy Cognitive Dysfunction after Anesthesia and Surgery Protection of the Central Nervous System in Surgical Patients Anaphylactic Reactions and Anesthesia Thermoregulation, and Perioperative Hypothermia Malignant Hyperthermia	
	0.5		5 hours Anesthesia Risk Electricity, Electrical Safety, and Instrumentation in the Operating Room	
	0.5		5 hours Issues related to anesthesia The Economics of Health Care and Anesthesia Practice Approaches to Quality Improvement in Anesthesia Care Legal Issues in Anesthesiology	
	1.5		➤ Attendance of at least 50% of the clinical seminars ➤ Presentation of at least 1 time in the seminar	17.6%
	1		Conference or workshop	11.8%
	0.5		Formative assessment	5.9%
Student signature			Principle coordinator Signature	Head of the department signature

Year 3

(29 credit points for training in unit 1)

<i>Clinical training</i>	<i>Credit points</i>	<i>Responsible department</i>	<i>Attendance</i>	<i>Percentage of Achieved points</i>
Clinical training in Anesthesia department	7	Anesthesia department	<ul style="list-style-type: none"> ➤ Practice with anesthesia of at least 7 weeks - Log of cases : as mentioned below - Log of procedure as mentioned below 	24.1%
	10		<ul style="list-style-type: none"> ➤ Night shift (From 2 pm to 8 am) 1 night shift /week for 20 weeks in trauma department, obstetric emergency department, general surgery department ➤ Log of cases : 110 cases 	34.5%
	4		<ul style="list-style-type: none"> ➤ Attendance of at least 8 weeks in the anesthesia clinic (3 hours/day) 	13.8 %
	3		<ul style="list-style-type: none"> ➤ Attendance of at least 30% of clinical rounds (2 hours /week for 45 week) 	10.3%
	3		<ul style="list-style-type: none"> ➤ Attend clinical teaching and clinical teaching for students 2 hours /week for 45 week 	10.3%
	2		<ul style="list-style-type: none"> ➤ Formative assessment 	7 %
Student signature			Principle coordinator Signature	Head of the department signature

Anesthesia log of cases

Anesthesia subspecialty	Number of cases
Neurosurgery	10
Cardiothoracic	10
Uro-genital surgery	10
Plastic surgery	10
Pediatric surgery	10
Ophthalmology	10
Vascular surgery	10

Procedure log of:

<i>Procedure</i>	<i>Number</i>
• Gaseous induction	15
• GA mask	15
• Subarachnoid (spinal)	30
• Nasal intubation	15
• GA with endotracheal tube and IPPV	30
• GA with LMA and spontaneous ventilation	20
• GA with endotracheal tube and spontaneous ventilation	30
• GA LMA IPPV	10
• Epidural block	5
• Caudal block	5
• Combined spinal-Epidural (CSE) (5)	5
• Double luminal tube (5)	5
• CVP insertion (5)	5
• Arterial line insertion (5)	5
• Hand block (5)	5
• Fiber optic intubation (5)	5
• Fiber optic awake (5)	5
• Brachial super-scapular block	5
• Brachial maxillary block	As logged
• Femoral block	As logged
• Brachial intra-Scapular block	As logged
• Ilio-inguinal block	As logged

Year 4

(29 credit points for training in Unit 1)

<i>Clinical training</i>	<i>Credit points</i>	<i>Responsible department</i>	<i>Attendance</i>	<i>Percentage of Achieved points</i>
Clinical training in Anesthesia department	7	Anesthesia department	<ul style="list-style-type: none"> ➤ Practice with anesthesia of at least 7 weeks - Log of cases : as mentioned below - Log of procedure as mentioned below 	24.1%
	10		<ul style="list-style-type: none"> ➤ Night shift (From 2 pm to 8 am) 1 night shift /week for 20 weeks in trauma department, obstetric emergency department, general surgery department ➤ Log of cases : 110 cases 	34.5%
	4		<ul style="list-style-type: none"> ➤ Attendance of at least 8 weeks in the anesthesia clinic (3 hours/day) 	13.8 %
	3		<ul style="list-style-type: none"> ➤ Attendance of at least 30% of clinical rounds (2 hours /week for 30 week) 	10.3%
	3		<ul style="list-style-type: none"> ➤ Attend clinical teaching and clinical teaching for students 2 hours /week for 30 week 	10.3%
	2		<ul style="list-style-type: none"> ➤ Formative assessment 	7 %
Student signature			Principle coordinator Signature	Head of the department signature

Anesthesia log of cases

Anesthesia subspecialty	Number of cases
Neurosurgery	10
Cardiothoracic	10
Uro-genital surgery	10
Plastic surgery	10
Pediatric surgery	10
Ophthalmology	10
Vascular surgery	10

Procedure log of:

<i>Procedure</i>	<i>Number</i>
• Gaseous induction	15
• GA mask	15
• Subarachnoid (spinal)	30
• Nasal intubation	15
• GA with endotracheal tube and IPPV	30
• GA with LMA and spontaneous ventilation	20
• GA with endotracheal tube and spontaneous ventilation	30
• GA LMA IPPV	10
• Epidural block	5
• Caudal block	5
• Combined spinal-Epidural (CSE) (5)	5
• Double luminal tube (5)	5
• CVP insertion (5)	5
• Arterial line insertion (5)	5
• Hand block (5)	5
• Fiber optic intubation (5)	5
• Fiber optic awake (5)	5
• Brachial super-scapular block	5
• Brachial maxillary block	As logged
• Femoral block	As logged
• Brachial intra-Scapular block	As logged
• Ilio-inguinal block	As logged

A-Clinical Rotation, Anesthesia clinic, Case log and Night Shift

Clinical Rotation

<i>Duration from -to</i>	<i>Location</i>	<i>Signature of supervisor</i>	<i>Duration from -to</i>	<i>Location</i>	<i>Signature of supervisor</i>

Clinical case log

Number	HN	Date	ASA	Specialty and type of operation	Priority	Anesthesia used	Trainee role	Critical incidence and complications	Supervisor signature

Clinical case log

Number	HN	Date	ASA	Specialty and type of operation	Priority	Anesthesia used	Trainee role	Critical incidence and complications	Supervisor signature

Clinical case log

Number	HN	Date	ASA	Specialty and type of operation	Priority	Anesthesia used	Trainee role	Critical incidence and complications	Supervisor signature

Clinical case log

Number	HN	Date	ASA	Specialty and type of operation	Priority	Anesthesia used	Trainee role	Critical incidence and complications	Supervisor signature

Clinical case log

Number	HN	Date	ASA	Specialty and type of operation	Priority	Anesthesia used	Trainee role	Critical incidence and complications	Supervisor signature

Clinical case log

Number	HN	Date	ASA	Specialty and type of operation	Priority	Anesthesia used	Trainee role	Critical incidence and complications	Supervisor signature

Clinical case log

Number	HN	Date	ASA	Specialty and type of operation	Priority	Anesthesia used	Trainee role	Critical incidence and complications	Supervisor signature

Clinical case log

Number	HN	Date	ASA	Specialty and type of operation	Priority	Anesthesia used	Trainee role	Critical incidence and complications	Supervisor signature

Clinical case log

Number	HN	Date	ASA	Specialty and type of operation	Priority	Anesthesia used	Trainee role	Critical incidence and complications	Supervisor signature

Clinical case log

Number	HN	Date	ASA	Specialty and type of operation	Priority	Anesthesia used	Trainee role	Critical incidence and complications	Supervisor signature

Clinical case log

Number	HN	Date	ASA	Specialty and type of operation	Priority	Anesthesia used	Trainee role	Critical incidence and complications	Supervisor signature

Clinical case log

Number	HN	Date	ASA	Specialty and type of operation	Priority	Anesthesia used	Trainee role	Critical incidence and complications	Supervisor signature

Clinical case log

Number	HN	Date	ASA	Specialty and type of operation	Priority	Anesthesia used	Trainee role	Critical incidence and complications	Supervisor signature

Clinical case log

Number	HN	Date	ASA	Specialty and type of operation	Priority	Anesthesia used	Trainee role	Critical incidence and complications	Supervisor signature

Clinical case log

Number	HN	Date	ASA	Specialty and type of operation	Priority	Anesthesia used	Trainee role	Critical incidence and complications	Supervisor signature

Anesthesia clinic

<i>Date/ Duration from -to</i>	<i>Signature of supervisor</i>

<i>Date/ Duration from -to</i>	<i>Signature of supervisor</i>

Procedure log of

<i>Date</i>	<i>HN</i>	<i>procedure</i>	<i>signature</i>

<i>Date</i>	<i>HN</i>	<i>procedure</i>	<i>Signature</i>

Procedure log of

<i>Date</i>	<i>HN</i>	<i>procedure</i>	<i>signature</i>

<i>Date</i>	<i>HN</i>	<i>procedure</i>	<i>Signature</i>

Procedure log of

<i>Date</i>	<i>HN</i>	<i>procedure</i>	<i>signature</i>

<i>Date</i>	<i>HN</i>	<i>procedure</i>	<i>Signature</i>

Procedure log of

<i>Date</i>	<i>HN</i>	<i>procedure</i>	<i>signature</i>		<i>Date</i>	<i>HN</i>	<i>procedure</i>	<i>Signature</i>

Procedure log of

Date	HN	procedure	signature

Date	HN	procedure	Signature

Procedure log of

Date	HN	procedure	signature

Date	HN	procedure	Signature

Procedure log of

Date	HN	procedure	signature

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Procedure log of

Date	HN	procedure	signature	Date	HN	procedure	Signature

Procedure log of

Date	HN	procedure	signature

Date	HN	procedure	Signature

Procedure log of

Date	HN	procedure	signature

Date	HN	procedure	Signature

Clinical rounds log

<i>Date</i>	<i>Attendance</i>	<i>Case presentation</i>	<i>Signature of supervisor</i>

Clinical rounds log

<i>Date</i>	<i>Attendance</i>	<i>Case presentation</i>	<i>Signature of supervisor</i>

Clinical rounds log

<i>Date</i>	<i>Attendance</i>	<i>Case presentation</i>	<i>Signature of supervisor</i>

Night Shift

<i>Date</i>	<i>Signature of supervisor</i>	<i>Date</i>	<i>Signature of supervisor</i>

Night Shift

<i>Date</i>	<i>Signature of supervisor</i>

<i>Date</i>	<i>Signature of supervisor</i>

Night Shift

<i>Date</i>	<i>Signature of supervisor</i>

<i>Date</i>	<i>Signature of supervisor</i>

Night Shift

<i>Date</i>	<i>Signature of supervisor</i>

<i>Date</i>	<i>Signature of supervisor</i>

B- Clinical Seminars log

First: Attendance

<i>Date</i>	<i>Attendance</i>	<i>Topic</i>	<i>Signature</i>

B- Clinical Seminars log

First: Attendance

<i>Date</i>	<i>Attendance</i>	<i>Topic</i>	<i>Signature</i>

B- Clinical Seminars

Second: Case presentation

<i>Date</i>	<i>Staff group</i>	<i>Case</i>	<i>Signature</i>

Post graduate teaching
First: lectures

<i>Date</i>	<i>Title of lecture</i>	<i>Signature</i>

Post graduate teaching First: lectures

<i>Date</i>	<i>Title of lecture</i>	<i>Signature</i>

Post graduate teaching
Second: Tutorial

<i>Date</i>	<i>Title of lecture</i>	<i>Signature</i>

**Post graduate teaching
Second: Tutorial**

<i>Date</i>	<i>Title of lecture</i>	<i>Signature</i>

Post graduate teaching Third: Clinical Teaching

<i>Date</i>	<i>Title of Clinical Teaching</i>	<i>Signature</i>

Postgraduate student's program Rotation in training assessment

* **Name:**




* **Period of training From:**




To:




* **Site:**

*Rotation

General skills	could not judge (0)	strongly disagree(1)	(2) (3)		(4) (5)		(6)	strongly agree (7)
Demonstrate the competency of continuous evaluation of different types of care provision to patients in the different area of his field.								
Appraise scientific evidence.								
Continuously improve patient care based on constant self-evaluation and <u>life long learning</u> .								
Participate in clinical audit and research projects.								

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

General skills	could not judge (0)	strongly disagree(1)	 (2) (3)		 (4) (5)		 (6)	strongly agree (7)
Create and sustain a therapeutic and ethically sound relationship with patients.								
Elicit and provide information using effective nonverbal, explanatory, questioning, and writing skills.								
Work effectively with others as a member or leader of a health care team or other professional group.								
Demonstrate respect, compassion, and integrity; a responsiveness to the needs of patients and society.								
Demonstrate a commitment to ethical principles including provision or withholding of clinical care, confidentiality of patient information, informed consent, and business practices.								
Demonstrate sensitivity and responsiveness to patients' culture, age, gender, and disabilities.								
Work effectively in health care delivery settings and systems related to specialty including good administrative and time management.								
Practice cost-effective healthcare and resource allocation that does not compromise quality of care.								

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

Unit (module) 2
Critical Care Medicine



Unit (Module) 2

Critical Care Medicine

Rotation / attendance proof

الأماكن التي تدرب بها

توقيع مدير المستشفى	توقيع رئيس القسم	أسم المستشفى التي تدرب بها

Unit (Module) Critical Care Medicine

Requirements

● Credit points: 3.6 for didactic (lectures, seminars, tutorial) and 18.45 point for training.

- Minimal rate of attendance 80% of training and didactic
- One MCQ examination at the first half of the third year

Year 2

(6.45 credit point for training)

Clinical training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Unit 2: critical care medicine	6.45	Anesthesia department	Year 2	
	4		<ul style="list-style-type: none"> ➤ Practice with clinical cases for at least 4 weeks in the ICU including interpretation of their different radiologic patterns and related laboratory investigation Log of cases as logged of ➤ Procedure log as mentioned below 	62 %
	2		<ul style="list-style-type: none"> ➤ Night shift (From 2 pm to 8 am) 1 night shift/week for 4 weeks 	31%
	0.45		Formative assessment	7%
Student signature			Principle coordinator Signature	Head of the department signature

Log of procedure:

- Order and perform ventilator adjustment 10 cases
- 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 Syring pump adjustment 10 case
- Intubation at least 10
- NIV &IPPV modes and settings at least 10
- Weaning from mechanical ventilation 10

Year 3

(1.2 credit point for didactic)

Name of the course	Credit points	Responsible department	Attendance	Percentage of achieved points
Critical care medicine		Anesthesia	Year 3	
	0.9		Topics and attendance	75%
	0.1		<i>1 Hour</i> The Pathophysiology of Critical Illness	
	0.1		<i>1 Hour</i> Evaluation of the trauma Patient and Patient with Multiple Organ Dysfunction Syndrome	
	0.1		<i>1 Hour</i> Monitoring and Transport of the Critically Ill Patient	
	0.1		<i>1 Hour</i> Sedation muscle relaxants and Pain Management in the ICU	
	0.1		<i>1 Hour</i> Hemodynamic Support of the Critically Ill Patient	
	0.1		<i>1 Hour</i> DVT and GIT prophylaxis in ICU	
	0.1		<i>1 Hour</i> Psychiatric problems in ICU	
	0.1		<i>1 Hour</i> Shock	
	0.1		<i>1 Hour</i> Respiratory failure	
	0.1		Seminars	8.3%
	0.1		Conference or workshop	8.3%
	0.1		Formative assessment	8.4%
	Student signature			

Year 3

(6 credit point for training)

Clinical training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Unit 2: critical care medicine	6	Anesthesia department	Year 3	
	4		<ul style="list-style-type: none"> ➤ Practice with clinical cases for at least 4 weeks in the ICU including interpretation of their different radiologic patterns and related laboratory investigation Log of cases as logged of ➤ Procedure log as mentioned below 	66.7%
	1.5		<ul style="list-style-type: none"> ➤ Night shift (From 2 pm to 8 am) 1 night shift/week for 3 weeks 	25%
	0.5		Formative assessment	8.3%
Student signature			Principle coordinator Signature	Head of the department signature

Log of procedure:

- Order and perform ventilator adjustment 10 cases
- 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 Syringe pump adjustment 10 case
- Intubation at least 10
- NIV &IPPV modes and settings at least 10
- Weaning from mechanical ventilation 10

Year 4

(2.4 credit point for didactic)

Name of the course	Credit points	Responsible department	Attendance	Percentage of achieved points
Intensive care medicine		Anesthesia	Year 4	
	2.1		Topics and attendance	87.5%
	0.2		<i>2 Hour</i> Mechanical Ventilation	
	0.2		<i>2 Hour</i> Nutrition & Malnutrition in the Critically Ill Patient	
	0.1		<i>1 Hour</i> Acute Hepatic Failure	
	0.1		<i>1 Hour</i> Acute and chronic renal failure	
	0.1		<i>1 Hour</i> Disorders of Fluid Volume	
	0.1		<i>1 Hour</i> Disorders of Water and sodium Balance	
	0.1		<i>1 Hour</i> Disorders of Potassium Balance, Phosphorus, Magnesium and Calcium Balance	
	0.1		<i>1 Hour</i> Acid-Base Homeostasis & Disorders	
	0.2		<i>2 Hour</i> Surgical Infections Sepsis and infections in ICU Principles of Antibiotic Use in the ICU	
	0.2		<i>2 Hour</i> Endocrine emergencies	
	0.1		<i>1 Hour</i> Cardiac problems in ICU	
	0.1		<i>1 Hour</i> Postoperative Arrhythmias and postoperative low cardiac output states	
	0.1		<i>1 Hour</i> Postoperative Care of the Noncardiac Surgical ICU Patient	
	0.1		<i>1 Hour</i> Bleeding and Coagulopathy	
	0.1		<i>1 Hour</i> Critical Care of the Vascular Surgery Patient	
	0.1		<i>1 Hour</i> Principles of Burn Treatment	
	0.1		<i>1 Hour</i> Poisonings & Ingestions	
	0.1		- Seminars	4.1%
0.1	- Conference or workshop	4.2%		
0.1	- Formative assessment	4.2%		
<i>Student signature</i>			<i>Principle coordinator signature</i>	Head of the department signature

Year 4

(6 credit point for didactic)

Clinical training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Unit 2: critical care medicine	6	Anesthesia department	Year 3	
	4		<ul style="list-style-type: none"> ➤ Practice with clinical cases for at least 4 weeks in the ICU including interpretation of their different radiologic patterns and related laboratory investigation Log of cases as logged of ➤ Procedure log as mentioned below 	66.7%
	1.5		<ul style="list-style-type: none"> ➤ Night shift (From 2 pm to 8 am) 1 night shift/week for 3 weeks 	25%
	0.5		Formative assessment	8.3%
Student signature			Principle coordinator Signature	Head of the department signature

Log of procedures:

- Order and perform ventilator adjustment 10 cases
- 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 Syring pump adjustment 10 case
- Intubation at least 10
- NIV &IPPV modes and settings at least 10
- Weaning from mechanical ventilation 10

Unit (Module) Critical Care Medicine

A. Attendance, Night shift and case log

Attendance

<i>Date/ Duration From -to</i>	<i>Signature of supervisor</i>	<i>Date/ Duration From -to</i>	<i>Signature of supervisor</i>

Night Shift

<i>Date/ Duration From –to</i>	<i>Signature of supervisor</i>	<i>Date/ Duration From –to</i>	<i>Signature of supervisor</i>

Cases log book

<i>H.N</i>	<i>Diagnosis of case</i>	<i>Level of participation</i> *	<i>Location</i>	<i>Signature of supervisor</i>

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

Cases log book

<i>H.N</i>	<i>Diagnosis of case</i>	<i>Level of participation *</i>	<i>Location</i>	<i>Signature of supervisor</i>

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

Cases log book

<i>H.N</i>	<i>Diagnosis of case</i>	<i>Level of participation *</i>	<i>Location</i>	<i>Signature of supervisor</i>

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

Cases log book

<i>H.N</i>	<i>Diagnosis of case</i>	<i>Level of participation *</i>	<i>Location</i>	<i>Signature of supervisor</i>

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

Unit (Module) Critical Care Medicine

B- Post graduate teaching

First: lectures

<i>Level of participation *</i>	<i>Location</i>	<i>Signature of supervisor</i>

B- Post graduate teaching

First: lectures

<i>Date</i>	<i>Title of lecture</i>	<i>Signature of Staff member</i>

B- Post graduate teaching

Second: Tutorial

<i>Date</i>	<i>Title of Tutorial</i>	<i>Signature of Staff member</i>

B- Post graduate teaching

Third: Clinical Teaching

<i>Date</i>	<i>Title of Tutorial</i>	<i>Signature of Staff member</i>

C- Procedures log book
Perform Oral airway placement (Number 15)

<i>NO</i>	<i>Procedure</i>	<i>Level of competency*</i>	<i>Location</i>	<i>Signature</i>

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

C- Procedures log book
Interpret haemodynamic monitoring (30 cases)

NO	Procedure	Level of competency*	Location	Signature

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

C-Procedures log book
Prescribe & Perform Syringe pump adjustment (30 case)

<i>NO</i>	<i>Procedure</i>	<i>Level of competency*</i>	<i>Location</i>	<i>Signature</i>

* Level of competency

A- Independent performance

B- Performance under supervision

C- Observed

C-Procedures log book

Prescribe & Perform Intubation and mechanical ventilation (30 case)

<i>NO</i>	<i>Procedure</i>	<i>Level of competency*</i>	<i>Location</i>	<i>Signature</i>

* Level of competency

A- Independent performance

B- Performance under supervision

C- Observed

C- Procedures log book Prescribe & Perform NIV &IPPV modes and settings (30 case)

<i>NO</i>	<i>Procedure</i>	<i>Level of competency*</i>	<i>Location</i>	<i>Signature</i>

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

C- Procedures log book
Prescribe & Perform NIV &IPPV modes and settings (30 case)

<i>NO</i>	<i>Procedure</i>	<i>Level of competency*</i>	<i>Location</i>	<i>Signature</i>

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

C- Procedures log book
Weaning from mechanical ventilation (30 case)

<i>NO</i>	<i>Procedure</i>	<i>Level of competency*</i>	<i>Location</i>	<i>Signature</i>

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

Postgraduate student's program Rotation in training assessment




* *Name:*




* *Period of training From:*




To:




* *Site:*

*Rotation

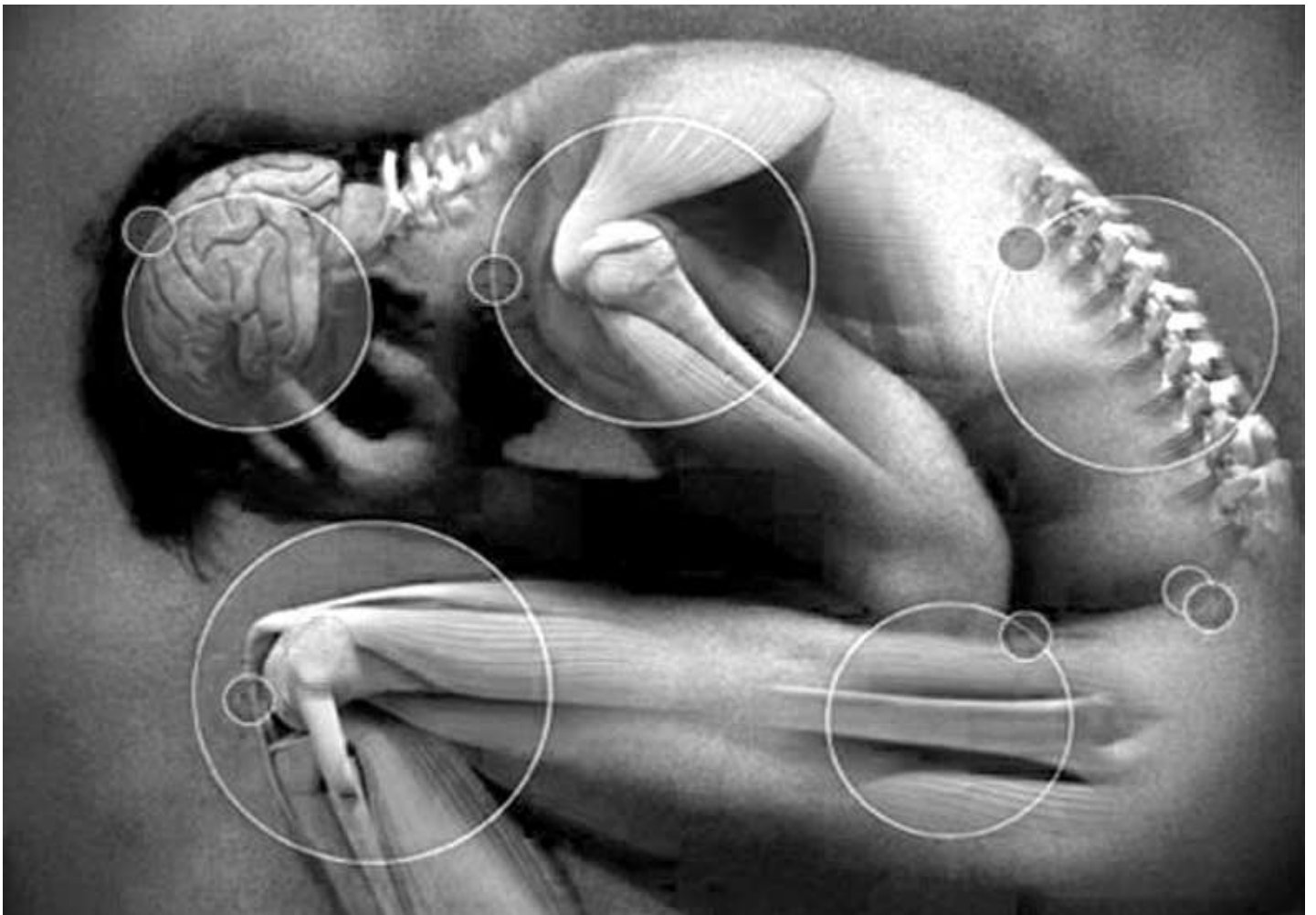
General skills	could not judge (0)	strongly disagree(1)	 (2) (3)	 (4) (5)	 (6)	strongly agree (7)
Demonstrate the competency of continuous evaluation of different types of care provision to patients in the different area of his field.						
Appraise scientific evidence.						
Continuously improve patient care based on constant self-evaluation and <u>life-long learning</u> .						
Participate in clinical audit and research projects.						

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

General skills	could not judge (0)	strongly disagree(1)	 (2) (3)		 (4) (5)		 (6)	strongly agree (7)
Create and sustain a therapeutic and ethically sound relationship with patients.								
Elicit and provide information using effective nonverbal, explanatory, questioning, and writing skills.								
Work effectively with others as a member or leader of a health care team or other professional group.								
Demonstrate respect, compassion, and integrity; a responsiveness to the needs of patients and society.								
Demonstrate a commitment to ethical principles including provision or withholding of clinical care, confidentiality of patient information, informed consent, and business practices.								
Demonstrate sensitivity and responsiveness to patients' culture, age, gender, and disabilities.								
Work effectively in health care delivery settings and systems related to specialty including good administrative and time management.								
Practice cost-effective healthcare and resource allocation that does not compromise quality of care.								

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

Unit (Module) 3
Chronic Pain Management



Unit (Module) 3
Unit (Module): Chronic Pain Management

Rotation / attendance proof
الأماكن التي تدرب بها

توقيع مدير المستشفى	توقيع رئيس القسم	أسم المستشفى التي تدرب بها

Requirement

- **Credit points: 1.2 points for didactic (lectures, seminars, tutorial) and 6.15 point for training.**
 - Minimal rate of attendance 80% of training and didactic
 - MCQ Assessment (One MCQ examination at the first half of the fourth year)

Year 3

(3 credit points for training)

Name of the course	Credit points	Responsible department	Attendance	Percentage of achieved points
Chronic Pain Management	3	Anesthesia	Attendance of at least 6 weeks in the Outpatient clinic (3 hours/day) <ul style="list-style-type: none"> - Log of cases : 70 cases - Log of procedures: logged of 	100%
<i>Student signature</i>			<i>Principle coordinator signature</i>	Head of the department signature

Year 4

(1.2 credit points for didactic)

Name of the course	Credit points	Responsible department	Attendance	Percentage of achieved points
Chronic pain Management		Anesthesia	Year 3	
	1		Topics and attendance	83.3%
	0.1		<i>1 Hour</i> Anatomy and physiology of Chronic Pain	
	0.3		<i>3 Hour</i> Common Pain Syndromes	
	0.1		<i>1 Hour</i> Psychological Aspects of Chronic Non-Cancer Pain	
	0.2		<i>2 Hour</i> Medical Management of Chronic Pain	
	0.2		<i>2 Hour</i> Interventional Management of Chronic Pain	
	0.1		<i>1 Hour</i> Palliative and Cancer Pain Care	
	0.2		- Formative assessment	16.7%
	<i>Student signature</i>			

Year 4

(3.15 credit points for training)

Name of the course	Credit points	Responsible department	Attendance	Percentage of achieved points
Chronic Pain Management	3	Anesthesia	Attendance of at least 10 weeks in the Outpatient clinic (3 hours/day) - Log of cases : 70 cases - Log of procedures: logged of	95.2%
	0.15		- Formative assessment	4.8%
<i>Student signature</i>			<i>Principle coordinator signature</i>	Head of the department signature

**Unit (Module) Chronic Pain Management
A. Attendance and cases log**

Attendance

<i>Duration From –to</i>	<i>Signature of supervisor</i>		<i>Duration From –to</i>	<i>Signature of supervisor</i>

Clinical cases log book

<i>H.N</i>	<i>Diagnosis of case</i>	<i>Level of participation *</i>	<i>Location</i>	<i>Signature of supervisor</i>

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

Clinical cases log book

<i>H.N</i>	<i>Diagnosis of case</i>	<i>Level of participation *</i>	<i>Location</i>	<i>Signature of supervisor</i>

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

Clinical cases log book

<i>H.N</i>	<i>Diagnosis of case</i>	<i>Level of participation *</i>	<i>Location</i>	<i>Signature of supervisor</i>

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

Clinical cases log book

<i>H.N</i>	<i>Diagnosis of case</i>	<i>Level of participation *</i>	<i>Location</i>	<i>Signature of supervisor</i>

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

B- Post graduate teaching Lectures

<i>Date</i>	<i>Title of lecture</i>	<i>Signature of Staff member</i>

C- Procedures log book

<i>HN</i>	<i>Procedure</i>	<i>Level of competency*</i>	<i>Location</i>	<i>Signature</i>

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

C- Procedures log book

<i>HN</i>	<i>Procedure</i>	<i>Level of competency*</i>	<i>Location</i>	<i>Signature</i>

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

Postgraduate student's program Rotation in training assessment

* **Name:**






* **Period of training From:**




To:




* **Site:**

*Rotation

General skills	could not judge (0)	strongly disagree(1)	(2) (3)		(4) (5)		(6)	strongly agree (7)
Demonstrate the competency of continuous evaluation of different types of care provision to patients in the different area of his field.								
Appraise scientific evidence.								
Continuously improve patient care based on constant self-evaluation and <u>life-long learning</u> .								
Participate in clinical audit and research projects.								

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

General skills	could not judge (0)	strongly disagree(1)	 (2) (3)		 (4) (5)		 (6)	strongly agree (7)
Create and sustain a therapeutic and ethically sound relationship with patients.								
Elicit and provide information using effective nonverbal, explanatory, questioning, and writing skills.								
Work effectively with others as a member or leader of a health care team or other professional group.								
Demonstrate respect, compassion, and integrity; a responsiveness to the needs of patients and society.								
Demonstrate a commitment to ethical principles including provision or withholding of clinical care, confidentiality of patient information, informed consent, and business practices.								
Demonstrate sensitivity and responsiveness to patients' culture, age, gender, and disabilities.								
Work effectively in health care delivery settings and systems related to specialty including good administrative and time management.								
Practice cost-effective healthcare and resource allocation that does not compromise quality of care.								

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

Elective Course 1

Requirements

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

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

One of these courses

- Advanced medical statistics.
- Evidence based medicine.
- Advanced infection control.
- Quality assurance of medical education.
- Quality assurance of clinical practice.
- -Hospital management

Elective Course 2

Requirements

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

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

One of these courses

- Advanced medical statistics.
- Evidence based medicine.
- Advanced infection control.
- Quality assurance of medical education.
- Quality assurance of clinical practice.
- -Hospital management

الرسائل العلمية

عنوان الرسالة

عربي : _____

انجليزي : _____

المشرفون : _____

1- _____

2- _____

3- _____

4- _____

تاريخ القيد لدرجة : / /

تاريخ التسجيل الموضوع:

المتابعة الدورية :

توقيع المشرفين	المتبقي	ما تم انجازه من بروتوكول البحث	التاريخ

Declaration

<i>Course Structure Mirror</i>	<i>Responsible (Course) Coordinator Name:</i>	<i>Signature</i>	<i>Date</i>
First Part			
-Course 1: Medical statistics			
-Course 2: Research methodology			
-Course 3: Medicolegal Aspects and Ethics in Medical Practice and Scientific Research			
-Course 4: Anesthesia and Intensive Care 1 (Pharmacology & Physiology & Measurements)			
Second Part			
Course 5: Anesthesia and Intensive care 2			
Unit (Module)1			
Unit(Module) 2			
Unit (Module)3			
- Elective Course (1) Certificate Dates:			
- Elective Course (2) Certificate Dates:			
- M. D. Thesis Acceptance Date:			
- Fulfillment of required credit points prior to final examination			
Anesthesia M.D. Degree Principle Coordinator:			
Date approved by Anesthesia Department Council:			

يعتمد ،
رئيس القسم

أ.د.