

# Medical Doctorate (M.D.) Degree of General Surgery Log Book



**" كراسة الأداء و الأنشطة "**

**اللازمة لحصول المتدرب على درجة الدكتوراه في الجراحة العامة**

**طبقاً للائحة النقاط المعتمدة**

**2022-2023**

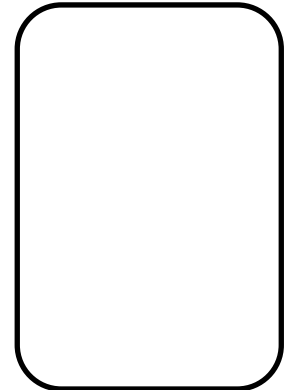


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Personal photo



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

.....

MSc...                      .....University                      Grade .....

Grade of General surgery 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.

### *Instructions to the use of logbook*

#### *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- Post operative care log**

- 1 - You will find a list for required post operative care and level of desired performance you should achieve at the end of training.
- 2- You will find empty tables to write down the post operative care, 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



## First Part

- 1- Course 1 Medical statistics
- 2- Course 2 Research methodology
- 3- Course 3 Medicolegal Aspects and Ethics in Medical Practice and Scientific Research
- 4- Course 4 Surgical Anatomy
- 5- Course 5 Surgical Pathology



# 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



## Medical Statistics

### Lectures and tutorials

Date	Attendance	Topic	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 General and special surgery (1<sup>st</sup> part)

### Requirements

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

### Medicolegal Aspects and Ethics in Medical Practice and Scientific research

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



**Medicolegal Aspects and Ethics in Medical Practice and Scientific  
research Course Lectures**

Date	Attendance	Topic	Signature



# Applied Surgical Anatomy

- Requirements :3.5 credit point
- Minimal rate of attendance 80% of lectures



Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
Surgical Anatomy	3.5 CP	General surgery department	Attendance of 35 hours Or active participation 17.5 hour	100%
Surgical Anatomy	1 CP	General surgery department	<ul style="list-style-type: none"> <li>▪ Head and Neck</li> <li>▪ Thoracic Wall and Pleurae</li> <li>▪ Breast</li> <li>▪ Mediastinum</li> <li>▪ Pericardium, Heart, and Great Vessels in the Thorax</li> </ul>	28.5%
	0.5 CP		<ul style="list-style-type: none"> <li>▪ Diaphragm</li> <li>▪ Abdominal Wall and Hernias</li> </ul>	14.3%
	0.5 CP		<ul style="list-style-type: none"> <li>▪ Peritoneum, Omenta, and Internal Hernias</li> <li>▪ Retro peritoneum</li> <li>▪ Great Vessels in the Abdomen</li> </ul>	14.3%
	0.5 CP		<ul style="list-style-type: none"> <li>▪ Esophagus</li> <li>▪ Stomach</li> <li>▪ Small Intestine</li> </ul>	14.3%
	0.5 CP		<ul style="list-style-type: none"> <li>▪ Attendance of 5 hours</li> <li>▪ Appendix</li> <li>▪ Large Intestine and Anorectum</li> <li>▪ Liver</li> </ul>	14.3%
	0.5 CP		<ul style="list-style-type: none"> <li>▪ Attendance of 5 hours</li> <li>▪ Extrahepatic Biliary Tract and Gallbladder</li> <li>▪ Pancreas</li> <li>▪ Spleen</li> <li>▪ Lymphatic System</li> <li>▪ Endocrine (Thyroid, parathyroid-,suprarenal,...)</li> <li>▪ C.N.S</li> <li>▪ Upper and lower limbs.</li> </ul>	14.3%
Student signature			Principle coordinator Signature	Head of the department signature



### Surgical Anatomy Course Lectures

Date	Attendance or presentation	Topic	Signature



# Applied Surgical Pathology

## Requirements

- Credit points: **3.5** credit points.
- -Attendance of at least 80 % of lectures





Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
Surgical Pathology	3.5 CP	General surgery department	Attendance of 35 hours Or active participation 17.5 hours	100%
Pathology	1 CP		<b>Principles of General Pathology of:</b> <ul style="list-style-type: none"> <li>• The genetic basis of the disease.</li> <li>• The body defence against infection.</li> <li>• Wound healing.</li> <li>• Tissue transplantation</li> <li>• Wound infection and clostridia.</li> <li>• Hospital infection.</li> <li>• Viral infections in human.</li> <li>• Tumors pathology <ul style="list-style-type: none"> <li>○ Introduction and classification.</li> <li>○ Structure and effects of some tumors</li> <li>○ Developmental tumors and tumor like conditions</li> <li>○ Spread of malignant tumors.</li> <li>○ Aetiology and incidence of tumors.</li> </ul> </li> <li>• The general reaction to trauma(hemorrhage and shock).</li> <li>• Calcium metabolism and heterotopic calcification.</li> <li>• Ischemia and infarction.</li> <li>• Hepatic failure and jaundice.</li> <li>• Calculi</li> </ul>	28.5%
	0.5		A. GIT and esophagus Pathology.	14.3%
	0.5		B. Hepato/pancreato/biliary Pathology.	14.3%
	0.5		C. The lymphatic system and spleen	14.3%
	0.5		D. The head and neck	14.3%
	0.5		E. Breast and endocrinal pathology	14.3%
Student signature			Principle coordinator signature	Head of the department signature



## Applied Surgical Pathology Course Lectures

Date	Attendance or presentation	Topic	Signature



# Course 6

# General surgery



## Requirements

Credit points: 24 credit point for didactic (lectures, seminars, tutorial) and 123 point for training (23 credit point of these during year 1).

- Minimal rate of attendance 80% of training and didactic

### General surgery course : ( 7 modules)

Course 6 : General Surgery	% from total	Level (Year)	Core Credit points		
			Didactic	Training	Total
➤ Unit (Module) 1 Principles in General Surgery.	10%	<b>1,2</b>	2.4	12.3	14.7
➤ Unit (Module) 2 " head and neck	10%	<b>3,4</b>	2.4	12.3	14.7
➤ Unit (Module) 3 " Breast	10%	<b>3,4</b>	2.4	12.3	14.7
➤ Unit (Module) 4 Endocrine Surgery	10%	<b>3,4</b>	2.4	12.3	14.7
➤ Unit (Module)5 " Esophagus	10%	<b>2,3</b>	2.4	12.3	14.7
➤ Unit (Module) 6 Abdomen	30%	<b>2,3</b>	7.2	36.9	44.1
➤ Unit (Module) 7 Specialities in general surgery	20%	<b>3,4</b>	4.8	24.6	29.4
Total No. of Units:	7		24	123	147



## Main Topics in the course

- 1-Principles in General Surgery.
- 2-Head and neck
- 3-The breast
- 4-Endocrine
- 5-Esophagus
- 6-Abdomen:
  - A-Abdominal wall, umbilicus and peritoneum
  - B-Hernia
  - C-Acute abdomen
  - D-Acute intestinal bleeding
  - E-Stomach
  - F-Appendix, colon and rectum, anus
  - G-The liver, biliary system, surgical complications of cirrhosis
  - H-The exocrine pancreas
  - I-The spleen
- 7- Specialties in general surgery:
  - A-Pediatric
  - B-Hand
  - C-Surgery of the pregnant patient
  - D-Plastic
  - E-Urologic
  - F-Neurosurgery

## ***Rotation / attendance proof***

الأماكن التي تدرب بها

توقيع مدير المستشفى	توقيع رئيس القسم	أسم المستشفى التي تدرب بها



## Year 1

- (23 credit point for training in General surgery Department represent 18.7% of training of specialized course )

Clinical training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Clinical training in General surgery Department	8	General surgery Department	<ul style="list-style-type: none"> <li>➤ Practice with clinical cases in General surgery Department for at least 3 month</li> <li>➤ Attendance of clinical rounds with staff (1 round / week)</li> <li>➤ Log of cases as mentioned below</li> <li>➤ Procedures log as mentioned below</li> </ul>	34.8%
	9		<ul style="list-style-type: none"> <li>➤ Night shift (From 2 pm to 8 am) at least twice /week for 9 weeks in the department or in the trauma unit</li> </ul>	39.1%
	2		<ul style="list-style-type: none"> <li>➤ Attendance of at least one day/week in the Outpatient clinic (4 hours /day) for 15 weeks</li> </ul>	8.7%
	3		<ul style="list-style-type: none"> <li>➤ Practice in the operative theatre at least once /week for 18 weeks</li> </ul>	13.1%
	1		<ul style="list-style-type: none"> <li>➤ Attendance of at least 80% of the clinical seminars</li> <li>➤ Presentation of at least 2 cases in the seminar</li> </ul>	4.3%
Student signature			Principle coordinator Signature	Head of the department signature



## Year 2

(12 credit point for didactic in 50% of general surgery course including their formative assessment)

Name of the course	Credit points	Responsible Department	Attendance	Percentage of Achieved point
50% of General surgery course	12 Credit points	General surgery Department	Year 2	100%
	7 CP		Topics and attendance 70 hour attendance or 35 hours active participation by the candidates One lecture /week	58.3%
	1		10 hours attendance or 5 hours active participation The abdominal wall, umbilicus and peritoneum, the hernia	
	1		10 hours attendance or 5 hours active participation -The spleen	
	1		10 hours attendance or 5 hours active participation - The liver and biliary system and complication of surgery in cirrhosis	
	1		10 hours attendance or 5 hours active participation -Stomach	
	1		10 hours attendance or 5 hours active participation - The appendix, the colon, the rectum, and the anal canal	



	0.5		5 hours attendance or 2.5 hours active participation - Oesophagus	
	0.5		5 hours attendance or 2.5 hours active participation -The exocrine pancreas	
	0.5		5 hours attendance or 2.5 hours active participation -The acute abdomen	
	0.5		5 hours attendance or 2.5 hours active participation -The acute intestinal bleeding	
	<b>3.25</b>		<b>Seminars</b> 2 hours- once / week for at least 9 months Attendance of at least -75 % of the clinical seminars for assistant lectures Attendance of at least 70% of the clinical seminars for the external Presentation of at least 3 times in the seminar	<b>27.2%</b>
	<b>1 CP</b>		<b>Conference or workshop</b>	<b>8.3%</b>
	<b>0.75 CP</b>		<b>Formative assessment(MCQ-)</b>	<b>6.2%</b>
Student signature			Principle coordinator Signature	Head of the department Signature





## Year 2

## (45 credit point for training in general surgery including mini-clinical exam)

Clinical training	Credit points	Responsible Department	Attendance	Percentage of Achieved points
Clinical training in <b>general surgery</b>	45 CP	<b>General surgery</b>	Year 2	36.6 % of the training in (Second part)
	20 CPs	<b>General surgery</b>	- Practice with clinical cases in <b>general surgery Department</b> for at least 5 months and interpretation of their different radiologic patterns (,US, CT, and MRI) - Log of cases as mentioned below - Procedures log as mentioned below - Attendance of clinical rounds with staff	44.4%
	13 CPs		- Night shift (From 8 am to 8 am ) 1 night shift /week for at least 15 weeks In the department or in the trauma unit.	28.9%
	2 CPs		- Attendance of at least one day/ week in the Outpatient clinic (3 hours/day) for 20 week	4.4%
	5 CPs		- Attendance and practice of at least one day (6 hours) / week for 8 months in the operative theatre	11.1
	2 CPs		- Attendance of at least 80% of clinical rounds of staff groups (2 hours/day each week for 30 weeks)	4.4%
	3 CPs		<b>Mini clinical exam</b>	6.8%
Student signature			<b>Principle coordinator signature</b>	Head of the department signature



## Year 3

(12 credit point for didactic in 50% of general surgery course including their formative assessment)

Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
50% of general surgery course	12 Credit points	General surgery Department	Year 3	100%
	7 CP		<b>Topics and attendance</b> <b>70 hour attendance or 35 hours active participation by the candidates</b> One lecture /week	<b>58.3%</b>
	0.5		5 hours attendance or 2.5 hours active participation by the candidates -The breast	
	2		20 hours attendance or 10 hours active participation by the candidates The endocrine system	
	2		20 hours attendance or 10 hours active participation by the candidate -Paediatrics	
	1.5		15 hours attendance or 7.5 hours active participation by the candidates -Head and neck	
	0.5		5 hours attendance	



			or 2.5 hours active participation by the candidates - The hand	
	0.5		5 hours attendance or 2.5 hours active participation by the candidates -Surgery in pregnant women	
	3.25 CP		<b>Seminars</b> 2 hours- once / week for at least 6 months ➤ Attendance of at least 75 % of the clinical seminars for assistant lectures ➤ Attendance of at least 70% of the clinical seminars for the external ➤ Presentation of at least 3 times in the seminar	27.2%
	1 CP		<b>Conference or workshop</b>	8.3%
	0.75 CP		<b>Formative assessment MCQ</b>	6.2%
Student signature			Principle coordinator Signature	Head of the department Signature



## Year 3

## (45 credit point for training in general surgery including mini-clinical exam)

Clinical training	Credit points	Responsible Department	Attendance	Percentage of Achieved points
Clinical training in <b>general surgery</b>	45 CPs	<b>General surgery</b>	Year 3	36.6 % of the training in (Second part)
<b>general surgery</b>	20 CPs	<b>General surgery</b>	- Practice with clinical cases in <b>general surgery department</b> for at least 5 months and interpretation of their different radiologic patterns (,US, CT, and MRI) -Log of cases as mentioned below Procedures log as mentioned below - Attendance of clinical rounds with staff	44.4%
	13 CPs		-Night shift (From 8 am to 8 am ) 1 night shift /week for at least 15 weeks	28.9%
	2 CPs		- Attendance of at least one day/ week in the Outpatient clinic (3 hours/day) for 20 week	4.4%
	5 CPs		- Attendance and practice of at least one day / week for 8 months in the operative theatre	11.1
	2 CPs		- Attendance of at least 80% of clinical rounds of staff groups (2 hours/day each week for 30 week)	4.4%
	3 CPs		<b>Mini clinical exam</b>	6.8%
Student signature			<b>Principle coordinator signature</b>	Head of the department signature



**Year 4**  
**(10 credit point for training in general surgery)**

Clinical training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Clinical training in <b>General surgery</b>	10 CPs	<b>General surgery</b>	Year 4	8.1 % of the training in (Second part)
	5 CPs		- Night shift (From 2 pm to 8 am ) 1 night shift /week for at least 10 weeks in the department or trauma Unit.	50%
	2 CPs		- Attendance of at least one day/ week in the Outpatient clinic (3 hours/day) for 20 weeks	20%
	2 CPs		- Attendance and practice of at least 1 day (6 hours ) / week for 3 months in the operative theatre	20%
	1 CPs		- Attendance of at least 80 % of clinical rounds of staff groups for 4 days a week for 4 months	10%



### Clinical Rotation

Duration from -to	Location	Signature of supervisor



### Outpatient clinic

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



Outpatient clinic

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





Outpatient clinic

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



### Night Shift

Date	Signature of supervisor	Date	Signature of supervisor



### Night Shift

Date	Signature of supervisor	Date	Signature of supervisor



### Night Shift

Date	Signature of supervisor	Date	Signature of supervisor



### Night Shift

Date	Signature of supervisor	Date	Signature of supervisor



# Unit (Module) 1

## Clinical cases



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**Unit (Module)1**  
**Clinical case logbooks)**

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

توقيع مدير المستشفى	توقيع رئيس القسم	أسم المستشفى التي تدرب بها

**General Cases :**

Case	Number
<b>Endocrine :</b>	
1-Thyroid	50 cases
2-Parathyroid	10 cases
3-Suprarenal	10 cases
<b>Breast :</b>	
1-Benign breast lesions	50 cases
2-Malignant breast lesions	50cases
<b>Esophagus :</b>	
1-Non malignant problems: achalasia, reflux, etc	30 cases
2-Malignant problems:	10 cases
<b>G:I:T:</b>	
1-Upper G.I.T: ex cancer stomach, complicated peptic ulcer, diseases affecting the small intestine as tumors,...etc	60 cases
2-Colorectal: ex cancer colon and rectum, bleeding per rectum,.....etc	60 cases
3. Diseases affecting the anal canal: fissure, piles, cancer...etc	70 cases
4-Acute abdominal conditions as peritonitis, appendicitis.	100 cases
s-Acute intestinal bleeding:	30 cases
<b>Abdominal wall, hernia and peritoneum:</b>	60 cases
<b>Hepato-pancreato-biliary:</b>	
1-Hepatic disorders	30cases
2-Biliary disorders	30cases
3-Pancreatic disorders.	30cases
<b>Splenic disorders: splenomegally, abscess,.....etc.</b>	20cases
<b>Specialties in general surgery: documented period of attendance as illustrated.</b>	
1- Hepato-biliary: one month.	
2- Pediatric: minimum: one month.	
3- Surgical oncology: minimum one month	





*Modules of surgical  
Clinical case log  
Record of cases''*

Hospital number	Date	Diagnosis of case	Level of participation *	Location (unit)	Signature of supervisor **

- \* Level of participation  
A- Plan and carry out  
B- Carry out  
C- Carry out under supervision  
\*\* At least lecturer



Hospital number	Date	Diagnosis of case	Level of participation *	Location ( unit)	Signature of supervisor **

\* Level of participation  
A- Plan and carry out  
B- Carry out  
C- Carry out under supervision  
\*\* At least lecturer



Hospital number	Date	Diagnosis of case	Level of participation *	Location ( unit)	Signature of supervisor **

\* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision

\*\* At least lecturer



Hospital number	Date	Diagnosis of case	Level of participation *	Location ( unit)	Signature of supervisor **

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A- Plan and carry out  
B- Carry out  
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\*\* At least lecturer



Hospital number	Date	Diagnosis of case	Level of participation *	Location ( unit)	Signature of supervisor **

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A- Plan and carry out  
B- Carry out  
C- Carry out under supervision  
\*\* At least lecturer



Hospital number	Date	Diagnosis of case	Level of participation *	Location ( unit)	Signature of supervisor **

\* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision

\*\* At least lecturer



Hospital number	Date	Diagnosis of case	Level of participation *	Location ( unit)	Signature of supervisor **

\* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision

\*\* At least lecturer



Hospital number	Date	Diagnosis of case	Level of participation *	Location ( unit)	Signature of supervisor **

\* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision

\*\* At least lecturer





Hospital number	Date	Diagnosis of case	Level of participation *	Location ( unit)	Signature of supervisor **

\* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision

\*\* At least lecturer



Hospital number	Date	Diagnosis of case	Level of participation *	Location ( unit)	Signature of supervisor **

\* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision

\*\* At least lecturer



Hospital number	Date	Diagnosis of case	Level of participation *	Location ( unit)	Signature of supervisor **

\* Level of participation  
A- Plan and carry out  
B- Carry out  
C- Carry out under supervision  
\*\* At least lecturer



Hospital number	Date	Diagnosis of case	Level of participation *	Location (unit)	Signature of supervisor **

\* Level of participation  
A- Plan and carry out  
B- Carry out  
C- Carry out under supervision  
\*\* At least lecturer



Hospital number	Date	Diagnosis of case	Level of participation *	Location (unit)	Signature of supervisor **

- \* Level of participation  
A- Plan and carry out  
B- Carry out  
C- Carry out under supervision  
\*\* At least lecturer



Hospital number	Date	Diagnosis of case	Level of participation *	Location (unit)	Signature of supervisor **

\* Level of participation  
A- Plan and carry out  
B- Carry out  
C- Carry out under supervision  
\*\* At least lecturer



Hospital number	Date	Diagnosis of case	Level of participation *	Location ( unit)	Signature of supervisor **

\* Level of participation  
A- Plan and carry out  
B- Carry out  
C- Carry out under supervision  
\*\* At least lecturer



Hospital number	Date	Diagnosis of case	Level of participation *	Location ( unit)	Signature of supervisor **

\* Level of participation  
A- Plan and carry out  
B- Carry out  
C- Carry out under supervision  
\*\* At least lecturer





Hospital number	Date	Diagnosis of case	Level of participation *	Location ( unit)	Signature of supervisor **

\* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision

\*\* At least lecturer



# Unit 2:

# Surgical Procedures



***Modules of emergency surgical procedures log book***  
***List of requirements***

Case	Number	Level of competency
<b><u><i>Urgent surgery:</i></u></b>		
1-Laparotomy for peritonitis -Primary -Secondary as peptic ulcer, complicated appendix, intestinal perforation,...	50	A
2-Laparotomy for intestinal obstruction Small: adhesive, cancer, hernia,.. Large: adhesive, mass, volvulus,..	50	A
3-Intraperitoneal haemorrhage: ruptured spleen, ectopic pregnancy, aneurism, ruptured Hcc	10	5A & 5B
4-Other acute conditions as acute appendicitis, cholecystitis, acute scrotum,...	100	80A & 20B

\* Level of competency

A- Independent performance

B- Performance under supervision

C- Observed



Case	Number	Level of competency
<b><u>Emergent surgical procedures</u></b>		
<b>1-Splenic trauma: splenectomy, splenic salvage procedures,....</b>	50	40A & 10 B
<b>2-Liver trauma: repair, resection,..</b>	50	40 A & 10 B
<b>3-Intestinal injury: repair, resection, right colectomy, left colectomy, colostomy, and ileostomy</b>	20	20A
<b>4-Repair of traumatic diaphragmatic hernia</b>	5	3 A & 2 B
<b>5-Repair of perineal tear</b>	10	10 A
<b>6- Scrotal injuries</b>	10	10 A

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C- Observed



*Modules of emergency surgical  
Procedure of log book  
Record of procedure''*

Hospital number	Date	Procedure	Level of competency*	Location ( unit)	Signature of supervisor **

\* Level of competency

A- Independent performance

B- Performance under supervision

C- Observed

\*\* At least lecturer



Hospital number	Date	Procedure	Level of competency*	Location ( unit)	Signature of supervisor**

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*Modules of elective surgical  
Procedure of log book*

Cases	Number	Level of competency
<b>Elective surgery</b>		
<b>Head and neck:</b>		
Parotidectomy	10	2A & 8 B
Submandibulectomy	10	2A & 8 B
Localized swelling: LN biopsy, cysts, lipoma,..	40	A
<b>Endocrine:</b>		
Thyroid	50	30A & 10 B& 10 C
Parathyroid	10	10 C
Adrenal	10	10 C
<b>Breast:</b>		
Benign breast lesions	50	50 A
Malignant breast lesions	50	30A & 10 B& 10 C
<b>Abdomen:</b>		
Abdominal wall, hernias, perineum and scrotal swellings	80	60 A &10 B &10 C
Hepato/biliary	50	10 A & 10 B & 30 C
Pancreatic	20	20 C
Splenic	20	20 C
Gastro Intestinal	20	10 A& 10 B
Colorectal	40	20 A &10 B & 10 C
<b>Esophagus:</b>		
Benign esophageal disorders	20	20 C
Malignant esophageal disorders	20	20 c
<b>Specialties: minimum one month</b>		
Pediatrics		
Liver surgery		
Oncology		



*Modules of elective surgical  
Procedure of log book  
Record of procedure "*

Hospital number	Date	Procedure	Level of competency*	Location ( unit)	Signature of supervisor**

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كلية الطب



General Surgery Department  
Faculty of Medicine

Hospital number	Date	Procedure	Level of competency*	Location ( unit)	Signature of supervisor **

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\*\* At least lecturer



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## Postgraduate student's program Rotation in training assessment

\* **Name:**

\* **Period of training From:**

**To:**

\* **Site:**

\* **Rotation**

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



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



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



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



*Total Academic activates for the program*  
*Lecture, journal club, seminar, conference, workshop*

**- Requirements**

- 1- Lectures = minimum 80% attendance  
= minimum 3 presentation  
= minimum 3 organization
- 2- Seminars / journal = minimum 80%
- 3- Conference = minimum 1 per year
- 4- Workshops = minimum 1 per year

Audits= minimum once annually

Monthly for the unit .

Annually for the unit.

Annually for the department.





## A-Post graduate teaching 1- (Lectures)

Date	Attendance	Topic	Signature



## 1- (Lectures)

Date	Attendance	Topic	Signature



## 1- (Lectures)

Date	Attendance	Topic	Signature



## 1- (Lectures)

Date	Attendance	Topic	Signature



## Post graduate teaching

### 2-Second: Tutorial

Date	Title of Tutorial	Signature of Staff member





## Post graduate teaching

### 3-Clinical Teaching

Date	Title of Tutorial	Signature of Staff member



### B- Journal club, conference, workshop

Activity	Your role **	Date	Signature of supervisor

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





Activity	Your role **	Date	Signature of supervisor

\*\* Your role:-  
A- Attendance  
B- Organization



## **Elective courses**

### **The student choose two courses**

### **3 credit point**

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



Name of the elective course 1 : -----

Elective Course Lectures

Date	Attendance	Topic	Signature



Elective Course Practical skills

Date	Attendance	Activity	Signature



Name of the elective course 2 : -----

Elective Course Lectures

Date	Attendance	Topic	Signature





***MD Program...***  
***Formative assessment***  
**MCQ Assessments and problem solving**  
**(1.5 CP) and mini clinical exam (6 CP )**

- At least one per year in year 2, 3

Date	Grade *	Score	Signature of Head of the department

\*Degree  
A- Excellent  
B- Very good  
C- Good  
D- Pass



الرسائل العلمية

عنوان الرسالة

عربي : \_\_\_\_\_

انجليزي : \_\_\_\_\_

المشرفون : \_\_\_\_\_

1- \_\_\_\_\_

2- \_\_\_\_\_

3- \_\_\_\_\_

4- \_\_\_\_\_

تاريخ القيد لدرجة : \_\_\_\_\_ / / 20

تاريخ التسجيل الموضوع : \_\_\_\_\_

المتابعة الدورية : \_\_\_\_\_

توقيع المشرفين	المتبقي	ما تم انجازه من بروتكول البحث	التاريخ





## Declaration

Course Structure Mirror	Responsible (Course ) Coordinator Name:	Signature	Date
<b>First Part</b>			
Course 1 Medical statistics			
Course 2 Research methodology			
Course 3 Medicolegal Aspects and Ethics in Medical Practice and Scientific Research			
Course 4 Surgical Anatomy			
Course 5 Surgical Pathology			
<b>Second Part</b>			
Course 6 General surgery			
- MD Thesis Acceptance Date:			
- Elective courses certification date			
- Fulfillment of required credit point prior to final examination			
- Fulfillment of required credit point prior to final examination			

يعتمد ،

منسق البرنامج

/د



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<b>Second Part</b>			
Course 6 General surgery			
- MD Thesis Acceptance Date:			
- Elective courses certification date			
- Fulfillment of required credit point prior to final examination			
Date approved by General surgery Department Council			

يعتمد ،  
رئيس القسم

أ.د.