

Master Degree of General Surgery Log Book



” كراسة الأداء و الأنشطة ”

اللازمة لحصول المتدرب على درجة الماجستير في الجراحة العامة

طبقا للائحة النقاط المعتمدة

2022-2023

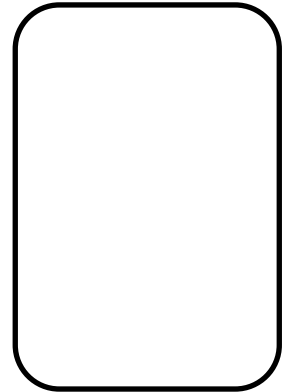


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Personal photo



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

Grade of General surgery course on graduation

Others...../...../..... 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
- Quises



Program aims

1. To enable candidates to keep with international standards of General Surgical 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 of General Surgery and enabling the candidates of making appropriate referrals to a sub-specialist.
2. Provide residents with fundamental knowledge of General Surgery intensive care medicine as regards; dealing with critically ill surgical patients, , techniques, indications, contraindications and training skills of different intensive care techniques.
3. To introduce candidates to the basics of scientific medical research.
4. To provide the candidates with master degree:
 - Enabling them to start professional careers as specialists in Egypt.
 - Making them recognized as specialists abroad.
 - Enabling them to pursue higher studies and subspecialties.
 - Enabling them 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.

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



First Part

Academic activities of basic sciences

Practice with the academic departments during year 1

First Part

Course 1: 4 credit point

Unit {Module} 1 (Surgical Pathology)

Unit {Module} 2 (Microbiology)

Course 2: 4 credit point

Unit {Module} 1 (Surgical Anatomy)

Unit {Module} 2 (Pharmacology)

Course 3: 6 credit point for didactic and 10 credit point for training.

General Surgery 1



Course 1; Unit 1: Surgical Pathology

Requirements

Credit points: 2 credit point for didactic teaching

Attendance of 80% of lecture

Principles of General Pathology of:

- Cell Injury, Cell Death
- Acute and Chronic Inflammation.
- Tissue Repair: Regeneration, Healing, and Fibrosis
- Immunity & hypersensitivity.
- Bacterial infection.
- Disturbance of growth
- Pathology of tumors

Pathologic Details of:

- A. GIT Pathology.
- B. The Liver, Gallbladder, and Biliary Tract
- C. The Blood Vessels
- D. The Oral Cavity.
- E. Breast endocrinal pathology



Percentage of Achieved points	Attendance	Responsible department	Credit points	Name of the course
100%	Attendance of 20 hours	General surgery - Pathology	2 CP	Surgical Pathology
25%	5 hours Principles of General Pathology of: - Cell Injury, Cell Death - Acute and Chronic Inflammation. - Tissue Repair: Regeneration, Healing, and Fibrosis		0.5	
25%	5 hours Principles of General Pathology of: - Immunity & hypersensitivity. - Bacterial infection. - Disturbance of growth		0.5	
25%	5 hours Principles of General Pathology of: - Pathology of tumors		0.5	
25%	5 hours Pathologic Details of: A. GIT Pathology. B. The Liver, Gallbladder, and Biliary Tract Pathologic Details of: C. The Blood Vessels D. The Oral Cavity. E. Breast endocrinal pathology		0.5	
Head of the department signature	Principle coordinator signature			Student signature



Surgical Pathology Lectures

Date	Attendance	Topic	Signature



Course 1; Unit 2: Microbiology

Requirements

Credit points: 2 credit point for didactic teaching

Attendance of 80% of lecture

+ General bacteriology

- Antimicrobial agents
- Pathogenicity of microorganism
- Diagnostic microbiology

+ Immunology

- Basic immunology
- Immunologic diagnostic test and serology
- Hypersensitivity
- Tumor immunology
- Immunogenetics and transplantation immunology

+ Sterilization

+ Microorganism encountered in soft tissue infection and surgical infection

- Staph, strept, pseudomonas and E-coli



Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
Microbiology	2 CP	General surgery- MICROBIOLOGY	Attendance of 20 hours	100%
	0.5		5 hours <ul style="list-style-type: none"> ✚ General bacteriology <ul style="list-style-type: none"> - Antimicrobial agents - Pathogenicity of microorganism -Diagnostic microbiology 	25%
	0.5		5 hours <ul style="list-style-type: none"> ✚ Immunology <ul style="list-style-type: none"> - Basic immunology - Immunologic diagnostic test and serology - Hypersensitivity - Tumor immunology - Immunogenetics and transplantation immunology. 	25%
	0.5		5 hours -Sterilization	25%
	0.5		5 hours <ul style="list-style-type: none"> ✚ Microorganism encountered in soft tissue infection and surgical infection as Staph, strept, pseudomonas and E-coli 	25%
Student signature			Principle coordinator signature	Head of the department signature



Microbiology Lecture

Date	Attendance	Topic	Signature



Course 2 ; Unit 1 Surgical Anatomy

Requirements

- **Credit points: 2 credit point for didactic teaching**
Attendance of 80% of lecture
- **Head and Neck**
- **Thoracic Wall and Pleurae**
- **Breast**
- **Mediastinum**
- **Pericardium, Heart, and Great Vessels in the Thorax**
- **Diaphragm**
- **Abdominal Wall and Hernias**
- **Peritoneum, Omenta, and Internal Hernias**
- **Retroperitoneum**
- **Great Vessels in the Abdomen**
- **Esophagus**
- **Stomach**
- **Small Intestine**
- **Appendix**
- **Large Intestine and Anorectum**
- **Liver**
- **Extrahepatic Biliary Tract and Gallbladder**
- **Pancreas**
- **Spleen**
- **Lymphatic System**



Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
Surgical Anatomy	2 CP	General surgery- Anatomy	Attendance of 20 hours	100%
	0.5		5 hours <ul style="list-style-type: none"> ▪ Head and Neck ▪ Thoracic Wall and Pleurae ▪ Breast ▪ Mediastinum ▪ Spleen ▪ Lymphatic System 	25%
	0.5		5 hours <ul style="list-style-type: none"> ▪ Pericardium, Heart, and Great Vessels in the Thorax ▪ Diaphragm ▪ Abdominal Wall and Hernias ▪ Peritoneum, Omenta, and Internal Hernias 	25%
	0.5		5 hours <ul style="list-style-type: none"> ▪ Retroperitoneum ▪ Great Vessels in the Abdomen ▪ Esophagus ▪ Stomach 	25%
	0.5		5 hours <ul style="list-style-type: none"> ▪ Small Intestine ▪ Appendix ▪ Large Intestine and Anorectum ▪ Liver ▪ Extrahepatic Biliary Tract and Gallbladder ▪ Pancreas 	25%
Student signature			Principle coordinator signature	Head of the department signature



Course 2; Unit 2: Pharmacology

Requirements

Credit points: 2 credit point for didactic teaching.

Attendance of 80% of lecture

- General pharmacology
- Pain control Drugs
- Chemotherapy
- Antibiotics
- Cancer chemotherapy
- Anticoagulants
- Corticosteroids
- Hormonal Therapy



Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
Pharmacology	2 CP	General surgery-pharmacology	Attendance of 20 hours	100%
	0.5		5 hours ▪ General pharmacology ▪ Pain control Drugs	25%
	0.5		5 hours ▪ Chemotherapy ▪ Antibiotics	25%
	0.5		5 hours ▪ Cancer chemotherapy ▪ Anticoagulants	25%
	0.5		5 hours ▪ Corticosteroids ▪ Hormonal Therapy	25%
Student signature			Principle coordinator signature	Head of the department signature



Pharmacology Lectures

Date	Attendance	Topic	Signature



Course 3: General Surgery¹

Requirements

- **Credit points: 6 credit point for didactic teaching (lectures, seminar, and tutorial), 10 credit point for training.**
- Minimal rate of attendance 80% of didactic and training
- Attendance of at least 30% of clinical rounds with the staff
- Practice with clinical cases for at least 2.5 months in general surgery department and in the trauma unit including interpretation of their different radiologic patterns (in Ultrasonography ,CT, MRI) and related laboratory investigation.

Topics

- Wound healing and management.
- Pre and post operative care.
- First aid measures of urgent surgical patients.
- Blood transfusion.
- Surgical infection.
- Hemorrhage & Shock.
- Organ transplantation.



Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
General surgery 1	6 Total credit point	General surgery	30 hours active participation	100%
	1		5hour Wound healing and management.	16.7%
	1		5hour Pre and post operative care.	16.7%
	1		5hour First aid measures of urgent surgical patients	16.7%
	1		5hour Blood transfusion.	16.7%
	1		5hour Surgical infection.	16.6%
	1		5hour Hemorrhage& Shock. Organ transplattation.	16.6%
Student Signature			Principle coordinator signature	Head of the department signature



كلية الطب



General Surgery Department
Faculty of Medicine

Date	Attendance	Topic	Signature

**General surgery1 training (10 credit point)**

Clinical training	Credit points	Responsible department	Attendance	Percentage of Achieved points
General surgery 1 training	Total 10	Surgery department	10 weeks (2.5 months)	100%
	6	General Surgery department	Practice with clinical cases in the Trauma unit of surgery for Two months and learn how to apply first aid measures for multiple injured patients ➤ Log of cases as mentioned below ➤ Procedures log as mentioned below	
	3		Night shift (From 2 pm to 8 am) at least 1/week for 6 weeks either in the general surgery department or in trauma unit	
	1		Attendance in the Operative theatre of surgery in Trauma unit (4 hours per week)for 8 week ➤ Log of basic surgical techniques and operative cases as mentioned below	
Student signature			Principle coordinator signature	Head of the department signature



General surgery 1 cases

Case	Number
Endocrine :	
1-thyroid	30 cases
2-parathyroid	5 cases
3-suprarenal	5 cases
Breast :	
1-benign breast lesions	30 cases
2-malignant breast lesions	30cases
Esophagus :	
1-non malignant problems: achalasia, reflux, etc	15 cases
2-malignat problems:	10 cases
G:I:T:	
1-Upper G.I.T: ex cancer stomach, complicated peptic ulcer diseases affecting the small intestine as tumors,...etc	30cases
	40
2-Colorectal :ex cancer colon and rectum, bleeding per rectum,.....etc	40 cases
3.Diseases affecting the anal canal: fissure, piles, cancer...etc	60 cases
	30
4-Acute abdominal conditions as peritonitis, appendicitis.	
5-Acute intestinal bleeding:	40 cases
6-Abdominal wall hernia and peritoneum:	
	15 cases
Hepato-pancreato-biliary:	15 cases
1-Hepatic disorders	15 cases
2-Biliary disorders	
3-Pancreatic disorders.	10 cases
Splenic disorders: splenomegally, scness,.....etc.	
Specialties in general surgery:	
1- Vacular surgery: one month minimum	
2- Plastic surgery: one month minimum	
3- Cardiothoracic :one month minimum	



<p>4- Hepato-biliary: one month minimum 5- Maxillofacial: minimum one month 6- Pediatric: minimum one month 7- Neurosurgery: one month minimum 8- Endoscopy: minimum one month 9- Surgical oncology: minimum one month 10- Course of cardiopulmonary resuscitation.</p>		
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* Level of competency

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

* Level of participation

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



Clinical cases log

Clinical case logbooks)

Rotation / attendance proof

الأماكن التي تدرب بها

توقيع مدير المستشفى	توقيع رئيس القسم	أسم المستشفى التي تدرب بها



A-Clinical case log

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

* Level of participation

A- Plan and carry out independently.

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 independently.

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 independently.

B- Carry out

C- Carry out under supervision

** At least lecturer



*Emergency surgical
Procedure of log book for course 3 (General surgery 1)
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 lecture



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 **

* 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 **

* 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 **

* Level of competency

A- Independent performance

B- Performance under supervision

C- Observed

** At least lecturer.



Year 1

(14 credit point for training in specialized course (general surgery 2)

NB FOR RESIDENT IN CARDIOTHORACIC, VASCULAR AND PLASTIC SURGERY 50% OF THESE POINT COULD BE ACHIEVED IN THEIR DEPARTMENT SPECIALLY NIGHT SHIFT , OUT PATIENT CLINIC , SEMINAR

Clinical training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Clinical training in specialized course (general surgery 2)	4	General Surgery Department	<ul style="list-style-type: none"> ➤ Practice with clinical cases in General Surgery ward for at least one month and interpretation of their different radiologic patterns (in Ultrasonography ,CT, MRI) and related laboratory investigation. ➤ Attendance of clinical rounds with staff ➤ Log of cases as mentioned below ➤ Procedures log as mentioned below 	28.6%
	5		<ul style="list-style-type: none"> ➤ Night shift (From 2 pm to 8 am) at least 1/week for 10 weeks 	35.7%
	2		<ul style="list-style-type: none"> ➤ Attendance of at least one day/week in the Outpatient clinic (4 hours /day) for 12 weeks 	14.3%
	2		<ul style="list-style-type: none"> ➤ Practice in the operative theatre at least once /week for 12 weeks 	14.3%
	1		<ul style="list-style-type: none"> ➤ Attendance of at least 60% of the clinical seminars ➤ Presentation of at least 1 case in the seminar 	7.1 %
Student signature			Principle coordinator Signature	Head of the department signature



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

Clinical Rotation

Duration from -to	Location	Signature of supervisor



Clinical case log

at least 20 % of whole cases of the specialized course must be achieved
and recorded at year 1

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

* Level of participation

A- Plan and carry out independently.

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 independently.
 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 independently.

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 independently.
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 independently.
B- Carry out
C- Carry out under supervision

** At least lecturer

*Procedures and operative log during year 1*

Case	Number	Level of competency*
Elective surgery: 1st year		
Fist six months:		
1-Haemorrhoidectomy	5	3b 2a
2-Fissurectomy	5	3b 2a
3-Pilonidal sinus.	3	2b1a
4-Low perianal fistula.	5	3b 2a
5-S.C swellings: etc lipoma,.	5	3b 2a
6-L.N biopsy.	3	2b1a
2nd six months:		
Continue the previous operations+		
7-Hernia repair:		
a-Groin	5	3b 2a
b-Ventral	3	3b 2a
Assistant in the other surgical operations:		
Urgent surgery: 1st year		
First six months:		
1-Driange of abscesses.	40	10b 30a
2-Appendicectomy open and laparoscopic.	10	5b 5a
	2	2c
+Assisting in other procedures:		
2nd six months:		
As in First six months +		
1-Abominal exploration and closure	3	2b 1a
2-Early Perforated peptic ulcer and appendix.	3	2b 1a



Case	Number	Level of participation in cases or competency in procedures*
Duties in the trauma department:		
1-Primary trauma survey; ABCD Initial evaluation of different types of trauma	20	5c 10b 5a
2-Secondary trauma survey: abdominal, chest,..	20	5c 10b 5a
3-Wound evaluation and management	20	5c 10b 5a
4-Evaluation of different types of abdominal trauma	20	5c 10b 5a
5-Primary aid measures for trauma, venous access, chest tubes, endotracheal intubation, focused ultrasonography for trauma in collaboration with different departments.	20	5c 10b 5a
2nd sex months: continue the previous one +		
1-Assisting in surgical procedures	10	10 b
2-Abdominal closure for trauma	3	3 a
3-Initial abdominal exploration.	3	3 b

* Level of competency

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



Second part: Course 4: General Surgery2

Requirements

- ✚ **Credit point: 24 credit point for didactic teaching (lectures, tutorial, and seminars and 110 credit point training, 14 during year 1 and 96 during year 2, 3).**
- Minimal rate of attendance 80% of training and lectures
- Attendance of at least 30% of clinical rounds of each one of the staff units.
- Practice with clinical cases for at least one and half year in the department including interpretation of their different radiologic patterns (in Ultrasonography ,CT, MRI) and related laboratory investigation.
- Two MCQ examinations at the second year and and third year.

General surgery 2 course topics

- 1-Head and neck
- 2-The breast
- 3-Endocrine
- 4-Esophagus
- 5-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

6- Specialties in general surgery:

A-Pediatric

B-Hand

C-Surgery of the pregnant patient

D-Plastic

E-Urologic

F-Neurosurgery



Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
General surgery 2	12 Credit point	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%
	3		Head and neck	
	1		The breast	
	2		Endocrine	
	1		Esophagus	
	3.25 CP		Seminars 2 hours- once / week for at least 8 month ➤ Attendance of at least - 80% of the clinical seminars for residence ➤ Attendance of at least 70% of the clinical seminars for the external ➤ Presentation of at least 1 time in the seminar	27.2%
	1 CP		Conference or workshop	8.3%
	0.75 CP		Formative assessment(MCQ-)	6.2%
Student signature			Principle coordinator Signature	Head of the department signature



Clinical training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Clinical training in General surgery	48	General surgery	Year 2	50% of the training in (Second part)
General surgery	16		<ul style="list-style-type: none"> ➤ Practice with clinical cases in general surgery Department for at least 4 month and interpretation of their different radiologic patterns (in X Ray & US , CT, MRI) and related laboratory investigation. ➤ Attendance of clinical rounds with staff ➤ Log of cases as mentioned below Procedures log as mentioned below 	33.3%
	8		<ul style="list-style-type: none"> ➤ Night shift (From 2 pm to 8 am) 1 night shift /week for at least 16 week 	16.7%
	2		<ul style="list-style-type: none"> ➤ Attendance of at least one day/ week in the Outpatient clinic (3 hours/day) for 20 weeks 	4.2%
	10		<ul style="list-style-type: none"> ➤ Attendance of at least 2.5 month in the emergency and trauma unit of surgery 	20.8%
	6		<ul style="list-style-type: none"> ➤ Attendance and practice of at least 1 day / week for 6 months in the operative theatre ➤ Procedures and operative log as mentioned below 	12.5%
	2		<ul style="list-style-type: none"> ➤ Attendance of at least 60% of clinical rounds of staff groups (2 hours/day for 30 week) 	4.2%
	4		Mini clinical exam	8.3%
Student signature			Principle coordinator Signature	Head of the department signature



Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
General surgery 2	12 Credit point	General surgery department	Year 3	100%
	7 CP		Topics and attendance 70 hour attendance or 35 hours active participation by the candidates One lecture /week	58.3%
	2 CP		Specialties in general surgery	
	0.5		A-Pediatric patient	
	0.25		B-Hand	
	0.5		C-Surgery of the pregnant	
	0.25		D-Plastic	
	0.5		E-Urologic and F-Neurosurgery	
	5 CP		Abdomen	
	0.5		A-Abdominal wall, umbilicus and peritoneum	
	0.5		B-Hernia	
	0.5		C-Acute abdomen	
	0.5		D-Acute intestinal bleeding	
	0.5		E-Stomach	
	0.5		F-Appendix, colon and rectum, anus	
	1		G-The liver, biliary system, surgical complications of cirrhosis	
	1		H-The exocrine pancreas I-The spleen	



	3.25 CP		Seminars 2 hours- once / week for at least 8 month ➤ Attendance of at least - 80% of the clinical seminars for residence ➤ Attendance of at least 70% of the clinical seminars for the external ➤ Presentation of at least 1 time in the seminar	27.2%
	1 CP		Conference or workshop	8.3%
	0.75 CP		Formative assessment	6.2%
Student signature			Principle coordinator Signature	Head of the department signature



Clinical training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Clinical training in General surgery	48	General surgery	Year 3	50% of the training in (Second part)
General surgery	16		<ul style="list-style-type: none"> ➤ Practice with clinical cases in general surgery Department for at least 4 month and interpretation of their different radiologic patterns (in X Ray & US , CT, MRI) and related laboratory investigation. ➤ Attendance of clinical rounds with staff ➤ Log of cases as mentioned below ➤ Procedures log as mentioned below 	33.3%
	8		➤ Night shift (From 2 pm to 8 am) 1 night shift /week for at least 16 week	16.7%
	2		➤ Attendance of at least one day/ week in the Outpatient clinic (3 hours/day) for 20 weeks	4.2%
	10		➤ Attendance of at least 2.5 month in the emergency and trauma unit of surgery	20.8%
	6		<ul style="list-style-type: none"> ➤ Attendance and practice of at least 1 day / week for 6 months in the operative theatre ➤ Procedures and operative log as mentioned below 	12.5%
	2		➤ Attendance of at least 60% of clinical rounds of staff groups (2 hours/day for 30 week)	4.2%
	4		Mini clinical exam	8.3%
Student signature			Principle coordinator Signature	Head of the department signature



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

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



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



General Cases

A-Clinical case log

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
Endocrine :	
1-thyroid	30 cases
2-parathyroid	5 cases
3-suprarenal	5 cases
Breast :	
1-benign breast lesions	30 cases
2-malignant breast lesions	30cases
Esophagus :	
1-non malignant problems: achalasia,reflux, etc	15 cases
2-malignat problems:	10 cases
G:I:T:	
1-Upper G.I.T: ex cancer stomach, complicated peptic ulcer diseases affecting the small intestine as tumors,...etc	30cases
2-Colorectal :ex cancer colon and rectum ,bleeding per rectum,.....etc	40
3.Diseses affecting the anal canal: fissure ,piles, cancer...etc	40 cases
4-Acute abdominal conditions as peritonitis, appendicitis.	60 cases
5-Acute intestinal bleeding:	30
6-Abdominal wall , Hernia and peritoneum:	40 cases
Hepato-pancreato-biliary:	
1-Hepatic disorders	15 cases
2-Biliary disorders	15 cases
3-Pancreatic disorders.	15 cases
Splenic disorders: splenomegally, abscess,....etc.	10 cases
Specialties in general surgery: documented period of attendance as illustrated	
1- Vacular surgery: one month minimum	
2- Plastic surgery: one month minimum	
3- Cardiothoracic :one month minimum	
4- Hepato-biliary: one month minmum	



- | | |
|---|--|
| <p>5- Maxillofacial: minimum one month
6- Pediatric: minimum one month
7- Neurosurgery: one month minimum
8- Endoscopy: minimum one month
9- Surgical oncology: minimum one month</p> | |
|---|--|



A-Clinical case log

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

* Level of participation

A- Plan and carry out independently.

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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**At least lecturer



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* Level of participation
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B- Carry out
C- Carry out under supervision
** At least lecturer



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)	↩		↩		↩		strongly agree (7)
			(2)	(3)	(4)	(5)	(6)		
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)	↩		↩		↩	strongly agree (7)
			(2)	(3)	(4)	(5)		
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)	↔		↔		(6)	strongly agree (7)
			(2)	(3)	(4)	(5)		
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.								



Unit 2:

Surgical Procedures



General surgery 2 Cases Log : (Unit 2 A)

Case	Number	Level of competency
Urgent surgery:		
2nd year		
Complicated hernia	5	3b 2a
Laparotomy for for peritonitis	5	3b 2a
Resection anastomosis small intestine	5	3b 2a
Drainage of intraabdominal abcesses.		
Colostomy	3	2b 1a
ileostomy	2	1b 1a
	2	1b 1a
3rd years:		
laparotomy for intestinal obstruction		
right hemicolectomy	3	2c 1b
left hemicolectomy	3	2c 1b
acute cholecystitis	3	2c 1b
splenectomy	3	2c 1b
	3	2c 1b



Emergent surgical procedures		
2nd year		
Splenectomy		
Repair of liver tear	3	2b 1a
resection anastomosis of the small intestine.	3	2c 1b
Colostomy, ileostomy.	3	2c 1b
Assisting in other surgical operations.	5	3b 2a
3rd year:		
Continue what doing in the 2nd year plus:		
Right hemicolectomy	3	2c 1b
Left hemicolectomy	3	2c 1b
Splenic salvage surgery	3	2c 1b
Partial hepatectomy	3	2c 1b
Repair of traumatic diaphragmatic hernia	3	2c 1b
Repair of perneal tear	3	2c 1b



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 **

* Level of competency

A- Independent performance

B- Performance under supervision

C- Observed

** At least lecturer



*(Unit 2 B) Elective surgical
Procedures log book
List of requirements*

Case	Number	Level of competency
2nd year: Elective surgery:		
Cholecystectomy(open- assisting in laparoscopic)	5	3b 2a
Hemithyroidectomy	5	3c 2b
Thyroidectomy for simple nodular goitre	5	3c 2b
Simple mastectomy	3	2c 1b
Incisional hernia	5	2c 2b 1a
Partial rectal prolapsed	2	1c 1b
Resection anastomosis small intestine	5	3c 2b
Submandibular sialadenectomy	2	1c 1b
Basic laparoscopic technique	2	2c
Assisting in other procedures		
3rd year:		
Laparoscopic cholecystectomy	5	4c 1b
Total thyroidectomy for toxic and malignant goiter with bkock neck dissection	3	2c 1b
Right hemicolectomy	3	2c 1b
Left hemicolectomy	3	2c 1b
Cholecystectomy with common bile duct exploration.	3	2c 1b



كلية الطب



General Surgery Department
Faculty of Medicine

Modified radical mastectomy		
Breast conservative surgery	3	2c 1b
Gastrojejunostomy	2	2c
Hernia in special sites, e.g near the costal margin, suprapubic...	3	2c 1b
splenectomy	2	1b 1a
Assistening in other surgical procedures	3	2b 1a

-



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 **

* 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 **

* 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 **

- * Level of competency
A- Independent performance
B- Performance under supervision
C- Observed
** At least lecturer.



Postgraduate student's program Rotation in training assessment

* **Name:**

* **Period of training From:**

To:

* **Site:**

* **Rotation**

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Appraises evidence from scientific studies.								
Conduct epidemiological studies and surveys.								
Perform data management including data entry and analysis and using information technology to manage information, access on-line medical information; and support their own education.								



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Practice cost-effective health care and resource allocation that does not compromise quality of care.								
Assist patients in dealing with system complexities.								



Academic activities

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

- Requirements

- 1- Lectures = minimum 80% attendance
= minimum 1 presentation
= minimum 1 organization
- 2- Seminars / journal = minimum 80%
- 3- Conference = minimum 2
- 4- Workshops = minimum 2
- 4-Audit:
Monthly for the unit.
Monthly for the department.
Annually for the unit
Annually for the department



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
C- Presentation



Elective Course 1

Requirements

● **Credit points:** 2 credit point.

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



الرسائل العلمية

عنوان الرسالة

عربي : _____

انجليزي : _____

المشرفون : _____

..... -1

..... -2

..... 3

..... -4

تاريخ القيد لدرجة : / / 20

تاريخ التسجيل الموضوع:

المتابعة الدورية :

التاريخ	ما تم انجازه من بروتوكول البحث	المتبقي	توقيع المشرفين

**Residents from other departments:**

At least 3 months in general surgery department.

Fellow from outside the hospitals:

Attendance in the operative list, urgent and emergency duties.

Declaration

Course Structure Mirror	Responsible (Course Coordinator Name:	Signature	Date
First Part			
Course 1			
Unit (Module) 1			
Unit (Module) 2			
Course 2			
Unit (Module) 1			
Unit (Module) 2			
Course 3 General surgery 1			
Second Part Course 4 General surgery 2			
Master Degree Thesis Acceptance Date:			
Fulfillment of required credit points prior to final examination			
Elective course 1 certification date			
General surgery MSc Degree Principle Coordinator:			
Date approved by surgery Department Council:			

يعتمد ،

رئيس القسم
أ.د.