

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

” كراسية الأنشطة ”
اللازمة لحصول المتدرب على درجة الدكتوراة في
جراحة الأطفال

طبقاً للائحة النقاط المعتمدة
2022/2023

Contents

NO	SUBJECT	PAGE
1	Personal data	3
2	Instructions to the use of logbook	4-5
3	Program aims and curriculum structure	6
4	First part 1- Course 1 Medical statistics 2- Course 1 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	7-21
5	Second part Course 6 Pediatric Surgery	22- 31
6	Clinical case log	32-66
7	Non operative Procedures & minor operation+ Emergency operations log	67-82
8	Elective operations log and general skills	83-94
9	Elective courses	95-99
10	Formative assessment	100
11	MD Degree Thesis pathway	101
12	Declaration:	102

Name.....
Date of birth.....
Address.....
Place of work.....
Telephones.....
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

تاريخ التسجيل لدرجة الدكتوراة 

*** Aim of the activities book**

To provide one source of evidence for the assessment committee that you attained the desired level of competency required to gain the award.

In this book you will document all clinical, academic and other experiences and skills you attained during your training.

Sections of the book

For each module / course / rotation

You should fill the following sections:-

A- Clinical case log

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

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

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

Document all outcomes you achieved in the field of:-

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

3- Formative assessment log

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

- Mini clinical examination
- Quises

Program aims

- 1/1. To develop competent pediatric surgeons with high professional standards, who are well prepared to face, respond to, and solve various surgical problems in the pediatric age group (neonates, infants, children and adolescents).
- 1/2. To train the graduate to implement evidence based practice, and to cope with the future challenges through lifelong learning and conducting the necessary medical research.
- 1/3. Support acquisition of basic knowledge of normal and abnormal growth and development (physical, physiologic, psychosocial), and its clinical application from birth through adolescence.
- 1/4. Enable the candidates the development and application of appropriate professional attitudes, communication and problem solving skills.
- 1/5 To enables candidates to describe the basic ethical and medicolegal principles relevant to Pediatric Surgery.
- 1/6 To facilitate the obtaining of the Consultant Degree in Pediatric Surgery and recognized abroad.

Program Structure

Program Time Table

Duration of program 4 years (could be extended at maximum to 6 years) divided into:

- Part 1

Program-related basic science courses

- Medical statistics

-Research methodology

- Medicolegal Aspects and Ethics in Medical Practice and Scientific Research

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

- Surgical Anatomy

- Surgical Pathology

Students are allowed to sit the exams of these 2 courses after 1 year from applying to the M D degree.

Thesis and 2 published researches

- For the M D thesis;
- MD thesis subject should be officially registered within 1 year from application to the MD degree,
- Discussion and acceptance of the thesis should not be set before 24 months from registering the M D subject (in case of no changes in the research subject) in case of changes add 6-12 months over.
- 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

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 & Research methodology

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

General and special surgery (1st 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		2 hours - 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

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

Date	Attendance	Topic	Signature

Course 4 Surgical Anatomy

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 Anatomy	3.5 CP	Pediatric surgery Unit	Attendance of 35 hours Or active participation 17.5 hour	100%
Surgical Anatomy	0.5 CP	Pediatric surgery Unit	Attendance of 5 hours Describe Anatomic details: Head and neck	14.3%
	0.5 CP		Attendance of 5 hours • Describe Anatomic details of Abdomen	14.3%
	0.5 CP		Attendance of 5 hours • Describe Anatomic details of Thorax	14.3%
	0.5 CP		Attendance of 5 hours • Describe Anatomic details of Limbs •	14.3%
	0.5 CP		Attendance of 5 hours • Mesenteric circulation	14.3%
	0.5 CP		Attendance of 5 hours • Anatomy of Lymphatic system	14.3%
	0.5 CP		Attendance of 5 hours • Anatomy of Portal circulation	14.2%
Student signature			Principle coordinator signature	Head of the department signature

Course 5 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	Pediatric surgery Unit	Attendance of 35 hours Or active participation 17.5 hour	100%
Surgical Pathology	0.5 CP	Pediatric surgery Unit	Attendance of 5 hours or active participation 2.5 hours	14.3%
			Mention Principles of General Pathology of: - Acute and Chronic Inflammation. - Gangrene - Surgical infection.	
0.5	Attendance of 5 hours or active participation 2.5 hours		14.3%	
	Pathology of pediatric tumors			
0.5	Attendance of 5 hours or active participation 2.5 hours		14.3%	
	Describe Pathologic Details of: - Hirschsprung's disease -Necrotizing enterocolitis			
0.5	Attendance of 5 hours or active participation 2.5 hours		14.3%	
	Pathologic Details of: Autoimmune diseases -Mesenteric ischemia			
0.5	Attendance of 5 hours or active participation 2.5 hours		14.3%	
	Pathologic Details of: -Lymphatic system -Portal hypertension			
0.5	Attendance of 5 hours or active participation 2.5 hours	14.3%		
	Pathologic Details of: Hematological disorders -Disorder of spleen			
0.5	Attendance of 5 hours or active participation 2.5 hours	14.2%		
	Pathologic Details of: -Atresia and stenosis of GIT -Liver and kidney disorders			
Student signature			Principle coordinator signature	14.3%

Surgical Pathology Course Lectures

Date	Attendance	Topic	Signature

Year 1

(23 credit point for training in Pediatric Surgery Unit)

Clinical training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Clinical training in Pediatric Surgery Unit	8	Pediatric Surgery Unit	<ul style="list-style-type: none"> ➤ Practice with clinical cases in Pediatric Surgery Unit for at least 6 month ➤ Attendance of clinical rounds with staff ➤ Log of cases as mentioned below ➤ Procedures log as mentioned below 	34.8%
	9		<ul style="list-style-type: none"> ➤ Night shift (From 2pm to 8am) at least twice /week for 10 weeks in the department 	39.1%
	2		<ul style="list-style-type: none"> ➤ Attendance of at least one day/week in the Outpatient clinic(4 hours /day) for 15 weeks 	8.7%
	3		<ul style="list-style-type: none"> ➤ Practice in the operative theatre at least once /week for 16 weeks 	13.1%
	1		<ul style="list-style-type: none"> ➤ Attendance of at least 60% of the clinical seminars ➤ Presentation of at least 2 cases and one topic in the seminar 	4.3%
Student signature			Principle coordinator Signature	Head of the department signature

Second part

Course 6 Pediatric Surgery

Requirements

● **Credit points:** 24 credit point for didactic(lectures, seminars, tutorial etc)and 123 point for training (23 credit point for year 1 and 100 credit point during year 2 and 3, 4).

- Minimal rate of attendance 80% of training and didactic
- Attendance of at least 75% of clinical rounds.
- Practice with clinical cases for at least two years in the department including interpretation of their different radiologic patterns (in, CT, and MRI) and related laboratory investigation.

Pediatric Surgery Course:

Units' Titles' list	% from total Marks	Level (Year)	Core Credit points		
			Didactic	Training	Total
1) Unit (Module) 1 General	10%	1,2,3	2.4	12.5	14.9
2) Unit (Module) 2 Head and neck	15%	1, 2, 3	3.6	18	21.6
3) Unit (Module) 3 Thorax	10%	2, 3	2.4	12.5	14.9
4) Unit (Module) 4 Abdomen	30%	1, 2, 3	7.2	37	44.2
5) Unit (Module) 5 Genitourinary	15 %	1, 2, 3	3.6	18	21.6
6) Unit (Module) 6 Skin, Soft tissues, Blood vessels	10 %	2, 3	2.4	12.5	14.9
7) Unit (Module) 7 Major tumors of Childhood	10 %	2, 3	2.4	12.5	14.9
Total No. of Units (7 Modules):	100%		24	123	147

Rotation / attendance proof "multiple pages"

الأماكن التي تدرب بها

	توقيع مدير المستشفى	توقيع رئيس القسم	أسم المستشفى التي تدرب بها

Year 2

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

Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
50% of Pediatric Surgery course	12 Credit points	Pediatric Surgery unit	Year 2	100%
	7 CP		Topics and attendance 70 hour attendance or 35 hours active participation by the candidates One lecture /week	58.3%
			UNIT (1- 3 and part of unit 4)	
	1		10 hours attendance or 5 hours active participation Abdomen	
	1		10 hours attendance or 5 hours active participation Abdomen	
	1		10 hours attendance or 5 hours active participation Abdomen	
	1		10 hours attendance or 5 hours active participation Head and neck	
	1		10 hours attendance or 5 hours active participation Head and neck	
	0.5		5 hours attendance or 2.5 hours active participation General	

	0.5		5 hours attendance or 2.5 hours active participation General	
	0.5		5 hours attendance or 2.5 hours active participation Thorax	
	0.5		5 hours attendance or 2.5 hours active participation Thorax	
	3.25 CP		Seminars 2 hours- once / week for at least 8 month ➤ 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		Conference or workshop	8.3%
	0.75 CP		Formative assessment(MCQ-)	6.2%
Student signature			Principle coordinator Signature	Head of the department Signature

Year 2 (45 credit point for training in Pediatric surgery including mini-clinical exam)

Clinical training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Clinical training in Pediatric Surgery unit	45	Pediatric Surgery unit	Year 2	45 % of the training in (Second part)
Pediatric Surgery unit	20	Pediatric Surgery unit	<ul style="list-style-type: none"> ➤ Practice with clinical cases in Pediatric Surgery unit for at least 8 month and interpretation of their different radiologic patterns (in US, CT, and MRI) and related laboratory investigation. ➤ Attendance of clinical rounds with staff ➤ Log of cases as mentioned below Procedures log as mentioned below	44.4%
	13		<ul style="list-style-type: none"> ➤ Night shift (From 2 pm to 8 am) 2 night shift /week for at least 13 week In the department 	28.9%
	2		<ul style="list-style-type: none"> ➤ Attendance of at least one day/ week in the Outpatient clinic (3 hours/day) for 20 week 	4.4%
	5		<ul style="list-style-type: none"> ➤ Attendance and practice of at least 3 day / week for 8 months in the operative theatre 	11.1
	2		<ul style="list-style-type: none"> ➤ Attendance of at least 60% of clinical rounds with staff (2 hours/day for 30 week) 	4.4%
	3		Mini clinical exam	6.8%
Student signature			Principle coordinator Signature	Head of the department signature

Year 3

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

Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
50% of Pediatric Surgery course	12 Credit point	Pediatric Surgery unit	Year 3	100%
	7 CP		Topics and attendance 70 hour attendance or 35 hours active participation by the candidates One lecture /week Unit 2	58.3%
			(Unit 5-7+ Part of unit 4)	
	0.5		5 hours attendance or 2.5 hours active participation by the candidates Abdomen	
	0.5		5 hours attendance or 2.5 hours active participation by the candidates Abdomen	
	0.5		5 hours attendance or 2.5 hours active participation by the candidates Abdomen	
	0.5		5 hours attendance or 2.5 hours active participation by the candidates Genitourinary	
	0.5		5 hours attendance or 2.5 hours active participation by the candidates Genitourinary	
	0.5		-	
	0.5		5 hours attendance	

			or 2.5 hours active participation by the candidates Genitourinary	
	1		10 hours attendance or 5 hours active participation by the candidates Genitourinary	
	0.5		5 hours attendance or 2.5 hours active participation by the candidates Genitourinary	
	0.5		5 hours attendance or 2.5 hours active participation by the candidates Skin, Soft tissues, Blood vessels	
	0.5		5 hours attendance or 2.5 hours active participation by the candidates Skin, Soft tissues, Blood vessels	
	0.5		5 hours attendance or 2.5 hours active participation by the candidates Skin, Soft tissues, Blood vessels	
	0.5		5 hours attendance or 2.5 hours active participation by the candidates Major tumors of Childhood	
	0.5		5 hours attendance or 2.5 hours active participation by the candidates Major tumors of	

			Childhood	
	3.25 CP		Seminars 2 hours- once / week for at least 8 month ➤ 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		Conference or workshop	8.3%
	0.75 CP		Formative assessment	6.2%
Student signature			Principle coordinator Signature	Head of the department Signature

Year 3 (45 credit point for training in Pediatric surgery including mini clinical exam)

Clinical training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Clinical training in pediatric surgery unit	45	Pediatric surgery unit	Year 3	45 % of the training in (Second part)
pediatric surgery unit	20	Pediatric surgery unit	<ul style="list-style-type: none"> ➤ Practice with clinical cases in Pediatric surgery for at least 8 month and interpretation of their different radiologic patterns (in US, CT, and MRI) and related laboratory investigation. ➤ Attendance of clinical rounds with staff ➤ Log of cases as mentioned below Procedures log as mentioned below	44.4%
	13		➤ Night shift (From 2 pm to 8 am) 2 night shift /week for at least 13 week In the department	28.9%
	2		➤ Attendance of at least one day/ week in the Outpatient clinic (3 hours/day) for 20 week	4.4%
	5		➤ Attendance and practice of at least 3 day / week for 8 months in the operative theatre	11.1
	2		➤ Attendance of at least 60% of clinical rounds of staff groups (2 hours/day for 30 week)	4.4%
	3		Mini clinical exam	6.8%
Student signature			Principle coordinator Signature	Head of the department signature

Year 4 (10 credit point for training in Pediatric Surgery)

Clinical training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Clinical training in Pediatric Surgery	10	Pediatric Surgery	Year 4	10 % of the training in (Second part)
	5		➤ Night shift (From 2 pm to 8 am) 1 night shift /week for at least 10 weeks in the department	50%
	2		➤ Attendance of at least one day/ week in the Outpatient clinic (3 hours/day) for 20 weeks	20%
	2		➤ Attendance and practice of at least 1 day / week for 3 months in the operative theatre	20%
	1		➤ Attendance of at least 60% of clinical rounds with staff (2 hours/day for 15 weeks)	10%
Student signature			Principle coordinator Signature	Head of the department signature

Log of Cases:

At least 20% of these cases at year 1

Case	Number
Unit 1	
lymphatic/vascular malformation excision	5
Subcutaneous dermoid excision	5
Lymph node excisional biopsy	20
Drainage of abscess	20
Unit 2	
Excisional biopsy from a lymphnode in the neck	20
Operation on preauricular sinus	5
Periorbital dermoid excision	5
Thyroidectomy (total-subtotal-Dunhil-half thyroidectomy) for goiter	5
Branchial fistulae and cysts excision	10
Sistrunk operation for Thyroglossal cyst and fistula	10
Ranula and salivary cysts excision or marsupialization	5
Cleft lip and palate operations	5
Cystic hygroma excision	5
Sternomastoidotomy for Torticollis	3
Unit 3	
Excision of breast mass	2
Drainage of breast abscess	5
Congenital chest wall deformities operations	5
Congenital diaphragmatic hernia and eventration repair	10
Congenital mediastinal cyst and tumors excision	3
Tracheoesophageal fistula operations	10
Surgical management Esophageal perforation	3
Esophageal replacement surgeries	3

Gastroesophageal reflux surgeries	5
Unit 4	
Repair of umbilical hernia	30
Repair of congenital inguinal hernia	30
Surgeries for ventral hernia	10
Undescended testis, torsion and varicocele surgeries	30
Pyloromyotomy for Hypertrophic pyloric stenosis	20
Duodenoduodenostomy for Duodenal atresia, stenosis, and annular pancreas	20
Resection anastmosis for Jujenoileal atresia and stenosis	10
Meconium ileus surgeries	5
Meckels diverticulum resection	5
Milking appendectomy for Intussusceptions	20
Disorder of rotation and fixation surgeries	10
Laparotomy for other causes of intestinal obstruction	10
Gastrointestinal bleeding management	3
Gastrointestinal duplications, Mesenteric and omental cysts surgeries	5
Polypoid disease of gastrointestinal tract resection	5
Necrotizing enterocolitis surgeries	10
Inflammatory bowel diseases surgeries	3
Peritonitis management	10
Doing Stomas of large and small intestine	20
Atresia, stenosis and other obstructions of the colon surgeries	5
Appendectomy	40
Hirschsprung's disease surgeries	30
Surgery for Anorectal anomalies	30
Colorectal tumors resection and other surgeries	5
Choledochal cyst surgery	5
Cholecystectomy for gallbladder diseases	5
Disorders of pancreas management	5
Splenectomies	10
Disorders of adrenal gland management	3
Kasai operation for biliary atresia	5
Unit 5	
Anomalies of the ureter and pelviuretral junction management	5
Renal infection management	3

Bladder exostrophy surgeries	3
Hypospadias surgeries	20
Surgeries for other abnormalities of urethra, penis and scrotum	5
Ambiguous genitalia management	5
Abnormalities of the female genital tract management	3
Unit 6	
Congenital defect of skin, muscle connective tissue tendons and hands management	10
Conjoined twins management	2
Vascular anomalies management	10
Lymphatic disorders management	5
Unit 7	
Neuroblastoma surgeries	2
Liver tumors management	2
Teratomas and other germ cell tumors surgeries	2
Hodgkin's and non-Hodgkin' disease management	5
Ovarian tumors surgeries	1
Testicular tumors surgeries	2
Wilms' tumors surgery	3

1- Outpatient clinic, Case log and Night Shift
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

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

*Pediatric Surgery
Clinical case log
Record of cases''*

Location	Date	Diagnosis of case	Level of participation *	Signature of supervisor **

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

**Pediatric Surgery
Clinical case log
Record of cases**

Location	Date	Diagnosis of case	Level of participation *	Signature of supervisor **

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

Location	Date	Diagnosis of case	Level of participation *	Signature of supervisor **

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

Location	Date	Diagnosis of case	Level of participation *	Signature of supervisor **

* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision

** At least lecturer

** At least lecturer

Location	Date	Diagnosis of case	Level of participation *	Signature of supervisor **

* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision

** At least lecturer

Location	Date	Diagnosis of case	Level of participation *	Signature of supervisor **

* Level of participation

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

** At least lecturer

Location	Date	Diagnosis of case	Level of participation *	Signature of supervisor **

* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision

** At least lecturer

Location	Date	Diagnosis of case	Level of participation*	Signature of supervisor**

* Level of participation

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

** At least lecturer

Location	Date	Diagnosis of case	Level of participation *	Signature of supervisor **

* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision

** At least lecturer

Location	Date	Diagnosis of case	Level of participation *	Signature of supervisor **

* Level of participation

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

** At least lecturer

Location	Date	Diagnosis of case	Level of participation *	Signature of supervisor **

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

Location	Date	Diagnosis of case	Level of participation *	Signature of supervisor **

* Level of participation

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

** At least lecturer

Location	Date	Diagnosis of case	Level of participation *	Signature of supervisor **

* Level of participation

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

** At least lecturer

Location	Date	Diagnosis of case	Level of participation *	Signature of supervisor **

* Level of participation

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

** At least lecturer

Location	Date	Diagnosis of case	Level of participation *	Signature of supervisor **

* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision

** At least lecturer

Clinical rounds log

Date	Attendance	Case presentation	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

2- Clinical Seminars

Requirements: - Attendance of at least 80% of the clinical seminars

Presentation of at least (1) cases per year. Log of at least 2 topic per year.

2-A: Attendance

Date	Attendance	Topic	Signature

2-A: Attendance

Date	Attendance	Topic	Signature

2-A: Attendance

Date	Attendance	Topic	Signature

2-B: Case presentation /Topic presentation

Date	Topic presentation	Case	Signature

3- Post graduate teaching

3-A: lectures

Date	Title of lecture	Signature of Staff Member

3-A: lectures

Date	Title of lecture	Signature of Staff Member

3-B: Tutorial

Date	Title of Tutorial	Signature of Staff member

4-Academic activities

Lecture, journal club, seminar, conference, workshop

- Requirements

- 1- Lectures = minimum 80% attendance
= minimum 3 presentation
- 2- Seminars = minimum 80%
- 3- Conference = minimum 2

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

5-Pediatric Surgery procedures and minor operations log book

List of requirements

Requirements

Practice under supervision: (advanced skills) during Year 1 (B)

-Injection of Butox in ultrashort megeclon	5
-Injection of Bleomycin in Haemangiomas and Lymphangiomas	5
-Tapping in cases of pneumoperitoneum	5
-Reduction of irreducible inguinal hernia	3
-Hydrostatic and Pneumatic reduction in intussusceptions	5
-Management of bleeding umbilical stump in neonate patient	1
-Management of bleeding circumcision	3
-Colonic wash in cases of obstructed megacolon and enterocolitis	5

Practice independent and learn residents: during year 2 and 3 or 4(A)

-Injection of Butox in ultrashort megeclon	5
-Injection of Bleomycin in Haemangiomas and Lymphangiomas	15
-Tapping in cases of pneumoperitoneum	20
-Reduction of irreducible inguinal hernia	20
-Hydrostatic and Pneumatic reduction in intussusceptions	30
-Management of bleeding umbilical stump in neonate patient	5
-Management of bleeding circumcision	10
-Colonic wash in cases of obstructed megacolon and enterocolitis	20

Pediatric Surgery procedures and minor operations

Hospital number	Date	Diagnosis of case	* Level of competency	Signature of supervisor **

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

Pediatric Surgery procedures and minor operations

Hospital number	Date	Diagnosis of case	* Level of competency	Signature of supervisor **

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

Pediatric Surgery procedures and minor operations

Hospital number	Date	Diagnosis of case	* Level of competency	Signature of supervisor **

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

Emergency Pediatric surgery Procedures and operation

20% OF CASES AT YEAR 1

Operations	Number
-Tapping in cases of pneumoperitoneum	3B, 20A
-Management of bleeding umbilical stump in neonate patient	1B, 3A
-Reduction of irreducible inguinal hernia	3B,10A
- Hydrostatic and Pneumatic reduction in intussusceptions	5B, 20A
-Colonic wash in cases of obstructed megacolon and enterocolitis	3B, 20A
-Milking Appendectomy for ileocecal intussusception	5B,10A
-Colostomy for imperforate anus	5B,10A
-Surgical management for irreducible and obstructed hernia	5B,15A
-Appendectomy	40A
-Surgical management of torsion testis	2B, 5A
-Surgical management of perforated appendix	3B,10A
-Surgical management of adhesive intestinal obstruction	2B,5A
-Surgical management of intraperitoneal suppuration	2B, 5A
-Surgical management of small intestinal intussusception	10A
-Drainage of abscess	20A
-Ingrowing nail	10A
-Surgeries of perforated viscus	3B,10A

***Emergency Pediatric surgical
Operation and Procedure log book
Record of procedure "multiple pages"***

Hospital number	Date	Procedure	Level of competency*	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*	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*	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*	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*	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*	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*	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*	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*	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*	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*	Signature of supervisor**

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

***Elective Pediatric Surgical
Operations and Procedures log book
List of requirements
20% of them during year 1***

Operations	Number/ level of competency
Anorectal biopsy for Hirschsprung disease.	4 A,1 B
Anal dilatation in anal stenosis and ultrashort megaclon.	5 A
Cut-back for vestibular anus.	8 A, 2 B
Circumcision.	15 B, 5A
Injection sclerotherapy in rectal prolapse	10 B, 3 A
Injection of Bleomycin in huge cystic hygroma.	5 B,1A
Injection of Butox in ultra-short megacolon.	5B, 2A
Excision of skin Wart.	3 B
Excision of rectal polyp.	3B, 1A
Excision of cystic hygroma	3 B
Excision of other lymphatic/vascular malformation	3 B
Excision of periorbital dermoid	5 A
Excision of subcutaneous dermoid	5 A
Excision of lymph node(s) neck	10 A
Operation on preauricular sinus	3B, 1A
Drainage of abscess	15 A
Tapping for neonate with pneumoperitoneum	15 A, 5 B
Suturing of bleeding umbilical stump	5 A
Manual reduction of irreducible hernia	5 A
Hydrostatic reduction of ileocecal intussusception	20 A, 5 B
Tongue tie division	15 A
Meatotomy for meatal stenosis	3 A
Change the tube of feeding gastrostomy	5 A
Anoblasty for anal stenosis	5 A, 5 B
Rectal wash in fecal impaction	10 A
Deflation of obstructed megacolon by rectal tube	10 A, 3 B
Haemostatic sutures in bleeding circumcision	10 A, 2 B

***Elective Pediatric surgical
Procedure of log book
Record of procedure "multiple pages"***

Hospital number	Date	Procedure	Level of competency*	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*	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*	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*	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*	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*	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*	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

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 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

Elective Course Practical skills

Date	Attendance	Activity	Signature

Program Formative assessment

MCQ Assessments and mini clinical exam

- One MCQ examination and mini clinical exam at the second half of the second year in Units 1-3 + part of unit 4
- One MCQ examination and mini clinical exam at the second half of the third year in Part of unit 4+ Units 5-7

Date	grade *	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 : / /

تاريخ التسجيل الموضوع:

المتابعة الدورية :

التاريخ	ما تم انجازه من بروتوكول البحث	المتبقي	توقيع المشرفين

Declaration

Course Structure Mirror	Responsible (Course) Coordinator Name:	Signature	Date
First Part			
Course 1			
Course 2			
Course 3			
Course 4			
Course 5			
Second Part			
Course 6 Pediatric Surgery			
- MD Thesis Acceptance Date:			
- Fulfillment of required credit point prior to final examination			
Pediatric surgery MD Principle Coordinator: Prof.			
Date approved by Pediatric surgery Department Council			

يعتمد ،

رئيس القسم

/د.ا