



كلية الطب



مستشفى الأطفال الجامعي

Master Pediatrics Logbook

For
Residents of Pediatric Department



2022/2023



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مستشفى الأطفال الجامعي

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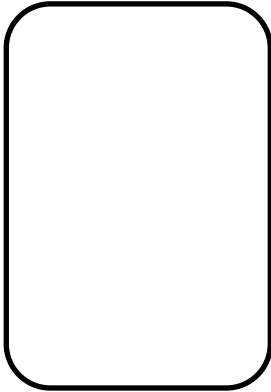


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بيانات شخصية عن المتدرب



- الإسم
- العنوان
- رقم التليفون
- رقم المحمول
- البريد الإلكتروني
- البكالوريوس سنة جامعة تقدير
- تقدير مادة طب الأطفال.....
- تاريخ التسجيل لدرجة الماجستير.....



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*** 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 unit, you will find**

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 - Procedure log

- 1- You will find a list for required procedure, diagnostic – therapeutic and level of desired performance you should achieve at the end of training.
- 2- You will find empty tables to write down the procedure, your level of participation and date and signature of supervisor.

3- Clinical teaching & staff clinical rounds log

4- Night shifts log & Outpatient Clinic log

5- Academic Activities Log

Document all academic activities e.g. lectures, journal clubs, workshops, conference, include the level of participation " attendance, preparation, presentation,....."

5- Rotation / attendance proof

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

6- Formative assessment log

This document all types of formative assessment attended



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Program aim:

1/1 To enable candidates to acquire satisfactory level of clinical skills, bedside care skills, in addition to update medical knowledge as well as clinical experience and competence in the area of pediatric medicine, neonatology, and intensive care and enabling the candidates of making appropriate referrals to a sub-specialist.

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

1/3 To introduce candidates to the basics of scientific medical research.

1/4 Enable candidates to start professional careers as specialists in Egypt but recognized abroad.

1/5 To enable candidates to understand and get the best of published scientific research and do their own.

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**

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 MSc subject;

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

- **Part 2**

Program –related speciality courses and ILOs

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

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



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First Part

Academic & Practical Activities of Basic Sciences

Practice with the academic and clinical departments during year 1

- Physiology
- Microbiology
- Pharmacology
- Pathology
- Basics of Pediatric Medicine
- Medical Reports
- Clinical Pathology
- Public health
- Radiology



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Course 1, Unit 1, Physiology

Requirements:

● Credit points: 1.5 points for didactic

Physiology Lectures

Department	Credit points	Topics	Required hours	% of achieved points
Physiology	0.20	<ul style="list-style-type: none"> Cardiovascular : <ul style="list-style-type: none"> - Arterial blood pressure & heart rate - Neonatal circulation 	2 hours	12.5 %
	0.20	<ul style="list-style-type: none"> CNS <ul style="list-style-type: none"> - Pain sensation. - Regulation of body temperature. 	2 hours	12.5%
	0.35	<ul style="list-style-type: none"> Blood <ul style="list-style-type: none"> - Erythropoiesis and types of anemia. - Hemostasis and bleeding. - Functions of RBC, WBC, and platelets. 	3.5 hours	25%
	0.35	<ul style="list-style-type: none"> Respiration <ul style="list-style-type: none"> - Hypoxia & Cyanosis. - Pulmonary function tests. - Regulation of respiration. 	3.5 hours	25%
	0.20	<ul style="list-style-type: none"> Endocrine <ul style="list-style-type: none"> - Growth hormone, Thyroid hormone and Insulin 	2 hours	12.5 %
	0.20	<ul style="list-style-type: none"> Kidney <ul style="list-style-type: none"> - Glomerular filtration rate. - Clearance. - Acid base balance 	2 hours	12.5 %

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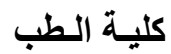
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مستشفى الأطفال الجامعي

Course 1, Unit 2, Microbiology

Requirements:

- Credit points: 1.5 points for didactic

Department	Credit points	Topics	Required hours	% of achieved points
Microbiology	0.20	-Virulence factors of microorganisms. - Bacterial genetics. - Bacterial mutations.	2 hours	12.5%
	0.20	-Mechanism of action of antimicrobial drugs. - Mechanism of resistance to antimicrobial drugs. - Vaccinations.	2 hours	12.5%
	0.35	- Nonspecific immunity - Specific immunity : cellular immunity and immunoglobulins - Complement system. - Hypersensitivity reactions. - Autoimmune diseases. - Immune deficiency diseases.	3.5 hours	25%
	0.35	- Specific childhood fevers : measles, rubella, chicken pox, scarlet fever, mumps, whooping cough, and diphtheria. - Respiratory tract infections. - Meningitis.	3.5 hours	25%
	0.20	-Infections of gastrointestinal tract. - Urinary tract infections. - Hepatic infections.	2 hours	12.5%
	0.20	-Hospital acquired infections. - Pyrexia of unknown origin.	2 hours	12.5%

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Course 2, Unit 1, Pharmacology

Requirements:

- Credit points: 1.25 points for didactic

Pharmacology Lectures

Department	Credit points	Topics	Required hours	% of achieved points
Pharmacology	0.25	- Pharmacokinetics and pharmacodynamics	2.5 hours	20%
	0.25	- Drug treatment of heart failure. - Drug treatment of blood diseases.	2.5 hours	20%
	0.20	- Antimicrobial drugs.	2 hours	15%
	0.35	- Anticonvulsants. - Drug treatment of bronchial asthma.	3.5 hours	30%
	0.20	- Corticosteroids - non steroidal anti-inflammatory	2 hours	15%

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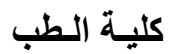
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مستشفى الأطفال الجامعي

Course 2, Unit 2, Pathology

Requirements:

- Credit points: 1.25 points for didactic

Pathology Lectures

Department	Credit points	Topics	Required hours	% of achieved points
Pathology	0.25	<ul style="list-style-type: none"> - Pathology of tumors. - Lymphatic system : Enlarged lymph nodes and spleen - Leukemia and lymphoma 	2.5 hours	20%
	0.25	Cardiovascular diseases: <ul style="list-style-type: none"> -Circulatory disturbances - Rheumatic fever - Congenital heart diseases - Cardiomyopathies - Heart failure - Hypertension 	2.5 hours	20%
	0.25	Renal diseases <ul style="list-style-type: none"> - Glomerulonephritis - Nephrotic syndrome - Small and large kidney 	2.5 hours	20%
	0.25	Respiratory system : <ul style="list-style-type: none"> -TB infection - Bronchial asthma - Pneumonia - Pulmonary edema 	2.5 hours	20%
	0.25	GIT and liver : <ul style="list-style-type: none"> -Dysentery - Hepatitis - Cirrhosis - Causes of enlarged liver 	2.5 hours	20%

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Course 3, Basics of Pediatric Medicine

Requirements:

- Credit points: 1.5 points for didactic

Basics of pediatric medicine (lectures)

Department	Credit points	Topics	Required hours	% of achieved points
Pediatrics	0.7	<ul style="list-style-type: none"> – Pattern of inheritance – Genetic counseling. – Carrier detection of genetic diseases. – Application of recombinant DNA technology. – Treatment of genetic diseases. 	7 hours	46%
	0.4	<ul style="list-style-type: none"> – Fetal growth. – Threats to fetal growth. – Assessment of fetal well being and maturity. 	4 hours	27%
	0.4	<ul style="list-style-type: none"> – Growth & Mental development in the first 5 years of life 	4 hours	27%

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Course 4, Medical reports

Requirements:

- Credit points: 1 point for didactic

Department	credit points	Topics	Required hours	% of achieved points
	0.4	أخلاقيات ممارسة مهنة الطب لائحة مزاوله مهنة الطب قوانين الدولة التي يخضع لها الطبيب	4 hours	40%
	0.4	كتابة التقارير الطبية كتابة الإقرارات شهادة الوفاة	4 hours	40%
	0.2	Toxicology	2 hours	20%

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Medical repots (lectures)

Date	Topic	Signature



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Course 5, Clinical Pathology

Requirements:

- Credit points: 3 points for didactic and 5 points for training

Clinical Pathology Lectures

Department	Credit points	Topics	Required hours	% of achieved points
Clinical Pathology	1.5	Hematological diseases: <ul style="list-style-type: none"> - Bone marrow failure (aplastic anemia). - Deficiency anemia, hemolytic anemia, and anemia of chronic infections. - Abnormalities of platelets number and function. - Coagulation defects. - Abnormalities of WBC. 	15 hours	50%
	1	Abnormalities of blood chemistry including: <ul style="list-style-type: none"> - Abnormalities of blood glucose levels. - Kidney function tests. - Liver function tests. - Electrolytes disturbances (Na, K, Ca, Mg, Ph) 	10 hours	33 %
	0.25	Normal & abnormal CSF	2.5 hours	8.5%
	0.25	Serological diagnosis of childhood infections	2.5 hours	8.5%

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Clinical Pathology Training

Department	Credit points	Topics	Required hours	% of achieved points
Clinical Pathology	2.5	Training on interpretation of hematological lab reports for diagnosis: - Bone marrow failure (aplastic anemia). - Deficiency anemia, hemolytic anemia, and anemia of chronic infections. - Abnormalities of platelets number or function. - Coagulation defects. - Abnormalities of WBC.	2.5 weeks	50%
	1.5	Training on interpretation of chemistry lab reports for diagnosis: - Abnormalities of blood glucose levels. - Kidney function tests. - Liver function tests. - Electrolytes disturbances (Na, K, Ca, Mg, Ph)	45 hours	30%
	0.5	Training on CSF analysis reports for diagnosis	15 hours	10%
	0.5	Training on serological diagnosis of childhood infections	15 hours	10%

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Course 6, Unit 1, Public health

Requirements:

- Credit points: 1.5 points for didactic and 2.5 points for training

Public Health Lectures

Department	Credit points	Topics	Required hours	% of achieved points
Public Health	0.4	- Prevention & control of diseases -Expanded program of immunization. - Preventable diseases by immunization.	4 hours	27%
	0.4	-Nutritional requirement. - Breast feeding. - Assessment of nutritional status	4 hours	27%
	0.2	-Growth charts & its significance.	2 hour	13%
	0.2	- Indices used to evaluate MCH centers.	2 hour	13%
	0.3	-General epidemiology of communicable and non communicable diseases - Epidemiology of selected communicable diseases: – Diarrheal diseases. – Cerebrospinal meningitis. – Acute respiratory infections.	3 hours	20%

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Public Health Training

Department	Credit points	Topics	Required hours	% of achieved points
Public Health	2.5	Training in the public Health department on: - Application of growth charts - Management of breast feeding - Immunization schedule - Integrated management of childhood illness	2 weeks	80%
	0.5	Field visits to: -Primary health center -Maternal & child health center	15 hours	20%

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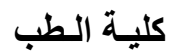
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مستشفى الأطفال الجامعي

Course 6, Unit 2, Radiology

Requirements:

- Credit points: 1.5 points for didactic and 2.5 points for training

Radiology Lectures

Department	Credit points	Topics	Required hours	% of achieved points
Radiology	0.5	-General principles of radiological studies - Plain X rays of : Chest & heart Abdomen Bones	5 hours	33%
	0.3	- Contrast radiology of: GIT Urinary system	3 hours	20%
	0.5	- CT of: brain Chest Abdomen	5 hours	33%
	0.2	-Abdominal ultrasonography	2 hour	14%

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مستشفى الأطفال الجامعي

Radiology Training

Department	credit points	Topics	Required hours	% of achieved points
Radiology	1	Training on interpretation of plain X rays of : Chest & heart Abdomen Bones	1 week	40%
	0.5	- Training on interpretation of Contrast radiology of: GIT Urinary system	15 hours	20%
	0.75	- Training on interpretation of CT of: brain Chest Abdomen	21 hours	30%
	0.25	Training on abdominal ultrasonography	6 hours	10%

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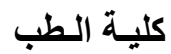
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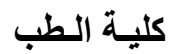
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Second Part

Course 7, Pediatric Medicine

Requirements:

● Credit points: 24 points for didactic and 110 points for training

Units	% of total mark	Years	Core Credit Points		
			Didactic	training	total
Unit 1: General Ped. Medicine	10%	1,2	3.5	12	14.5
Unit 2: Ped. Emergencies	9%	1,2	2	10	12
Unit 3: Ped. GIT & Hepatology	9%	1,2	2	10	12
Unit 4: Ped. Hematology	9%	2,3	2	10	12
Unit 5: Ped. Nephrology & Urology	9%	2	2.5	10	12.5
Unit 6: Ped. Neurology & Psychology	9%	1	2	10	12
Unit 7: Ped. Pulmonology & TB	9%	2	2	10	12
Unit 8: Ped. Cardiology	9%	2	2	10	12
Unit 9: Ped. Endocrinology & Diabetes	7%	3	2	4	6
Unit 10: Ped. Intensive Care	10%	3	2	12	14.5
Unit 11: Neonatology & NICU	10%	3	2	12	14.5
Total: 11 Unit	100%	3 years	24	110	134



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First year

Unit 1, General Pediatric Medicine

Requirements

- **Credit points: 12** points for training & clinical teaching.

Unit	Credit points	Topics	% of achieved points
-General ward - General outpatient clinics	4	Practice with clinical cases for 4 week in the general wards including ordering & interpreting appropriate investigations and ordering of appropriate therapies -Attendance of staff rotation once/week -Log of cases as mentioned below -Log of procedures as mentioned below	33%
	3	Attendance of outpatient clinics 3 hours /day for 5 weeks	25%
	3	Night shift (from 2 pm-8 am) once/ week for 6 weeks	25%
	1	Attendance of the clinical teaching 2 hours/ weekly for 15 weeks	8.5%
	1	Formative assessment	8.5%

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General Pediatric Medicine Case log

Infectious diseases

Pyrexia without a focus	10	Typhoid or brucilla fever	20
Pyrexia of unknown origin	10	Scarlet fever	5
Soft tissue infections	15	Anaerobic bacterial infection	5
Fever with rash for DD	20	Parasitic infestation	20
Mycotic infections	5		

Genetic diseases

Metabolic diseases

Case	Minimal Number	Case	Minimal Number
Trisomy 21	10	Glycogen storage disease	5
Trisomy 18	3	Galactosemia & fructosemia	2
Trisomy 13	3	Metabolic acidosis	5
Chromosomal deletion syndromes	5	Lipid storage disease	5
Multiple congenital anomalies	10	Phenylketonuria	2
Turner syndrome	1	Homocystinuria	1
Fragile X syndrome	1	Mucopolysaccharidosis	5
	10	Defective lipoprotein metabolism	1

Bone diseases

Skin diseases

Osteogenesis imperfect	2	Bacterial skin infections	10
Achondroplasia	2	Fungal skin infections	5
Vitamin D resistant rickets	5	Nutritional dermatosis	10
Marfan syndrome	1	Hypo- & hyperpigmented lesions	5
Osteopetrosis	2	Ectodermal dysplasia	2
		Ecthyosis	2
		Vesicubollus lesions	5
		Immunology & allergy diseases	
		Congenital immune deficiency	3



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Vasculitis Syndromes	5	Aquired immune deficiency	5
Nutritional disease		Neutropenia	5
Vitamins & trace element deficiency	5	Autoimmune diseases	5
Kwashiorkor	10	Atopy	10
Marasmus	15	Anaphylaxis	2
Nutritional edema	10	Drug allergy	10
Vitamin D deficiency rickets	30	Food allergy	5

* Levels of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision

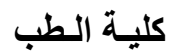
General Pediatric procedures			
Procedure	Number	Procedure	Number
Intravenous line insertion	Level C 5 Level B 5 Level A 20	Fluid therapy	Level C 5 Level B 5 Level A 20
Nasogastric tube insertion	Level C 5 Level B 5 Level A 20	Rectal tube insertion	Level C 5 Level B 3 Level A 20
Airway suctioning	Level C 3 Level B 3 Level A 20	Oxygen therapy	Level C 3 Level B 3 Level A 20
Venous blood sampling	Level C 5 Level B 3 Level A 20	Blood & blood product transfusion	Level C 5 Level B 5 Level A 20
Urine analysis by dipsticks	Level C 3 Level B 3 Level A 20		
Vaccination administration	Level C 5 Level B 5 Level A 20	Wound dressing	Level C 5 Level B 5 Level A 20

* Levels of competency

A- Independent performance

B- Performance under supervision

C- Observed





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Unit 2, Pediatric Emergencies

Requirements

- **Credit points: 10 credit** points for training & clinical teaching.

Unit	credit points	Topics	% of achieved points
- Pediatric Emergency Unit	5	<ul style="list-style-type: none"> - Practice with emergency cases for 5 weeks including ordering, performing & interpreting appropriate investigations and ordering & performing therapeutic procedures - Attendance of at least 30% of staff rotation in the emergency unit - log of cases as mentioned below - log of procedures as mentioned below 	50%
	3	Afternoon (3-10 pm)& night (10 pm-8 am) shifts: 6/month for each	30%
	1	Attendance of the clinical teaching 2 hours/ week for 15 weeks	10%
	1	Formative assessment	10%

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Emergency Unit Case log

Case	Minimal Number	Case	Minimal Number
Respiratory emergency:		Metabolic emergency:	
Bronchopneumonia	30	Acid-base disturbance	10
Lobar pneumonia	10	Electrolyte disturbances	20
Interstitial pneumonia	5	Carpo-pedal spasm & tetany	10
Bronchial asthma	30	Rey syndrome	3
Bronchiolitis	30	Aminoacidopathies	3
Pleural effusion	30	Cardiac emergency:	
Stridor	5	Heart failure	5
FB inhalation	5	Cyanotic spells	5
Neurological emergency:		Syncopial attacks	5
Convulsions	30	Toxic emergency:	
Meningitis & encephalitis	20	Food poisoning	10
Acute motor paralysis	5	Drug toxicity	5
Coma for DD	10	Scorpion & snake bite	10
Breath holding spells	5	Corrosives ingestion	5
		Renal emergency:	
Hematological emergency		Urine retention	5
Acute hemolytic crisis	20	Generalized edema for DD	20
Sickle cell anemia in crisis	2	GIT emergency:	
Sever pallor for DD	10	Absolute constipation	3
Purpra & other bleeding for DD	20	Acute abdomen	3
Hemophilia	10		

* Levels of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision



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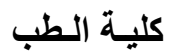
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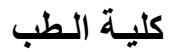
Emergency Unit procedures log

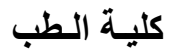
Cardiopulmonary resuscitation	Level C 5 Level B 5 Level A 10	Arterial blood sampling	Level C 5 Level B 5 Level A 20
Control of convulsions	Level C 5 Level B 5 Level A 20	Stomach wash	Level C 3 Level B 3 Level A 20
Cerebrospinal fluid tap	Level C 5 Level B 5 Level A 20	Pleural effusion tap	Level C 3 Level B 5 Level A 20
Bag mask ventilation	Level C 5 Level B 5 Level A 20	Monitoring of vital signs	Level C 5 Level B 5 Level A 20
Nebulizer usage	Level C 5 Level B 5 Level A 20	Serum glucose assessment by Glucometer	Level C 5 Level B 5 Level A 20
Anti- shock measures	Level C 5 Level B 5 Level A 20	Pulse oximetry	Level C 3 Level B 3 Level A 20

* Levels of competency

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



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Unit 3, Pediatric GIT & Hepatology

Requirements

- **Credit points: 10** credit point for training & clinical teaching

Unit	credit points	Topics	% of achieved points
- Pediatric GIT & Hepatology Unit - GIT outpatient clinic	4	- Practice with GIT & hepatology cases for 4 weeks in the GIT & Hepatology Unit including ordering, performing & interpreting appropriate investigations and ordering & performing therapies - Attendance of 30% of staff rotations - log of cases as mentioned below - log of procedures as mentioned below	40%
	2	Attendance of GIT & hepatology outpatient clinic 3 hours/day for 4 week	20%
	2	Afternoon (3 – 10 pm) & night (10 pm-8 am) shifts: 4 / month for each	20%
	1	Attendance of the clinical teaching 2 hours/ week for 15 weeks	10%
	1	formative assessment	10%

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مستشفى الأطفال الجامعي

Gastroenterology & Hepatology Unit case log

Cases	Minimal Number		
Acute diarrhea	30	Persistent vomiting	20
Chronic diarrhea	20	Gastroesophageal reflux	5
Bloody diarrhea	15	Gastritis	5
Dehydration of different types	30	Malabsorption	2
Abdominal distension	20	Paralytic ileus	2
Constipation	5	Dysphagia	2
Upper gastrointestinal bleeding	3	Liver cirrhosis with Portal hypertension	3
Lower gastrointestinal bleeding	3	Liver cirrhosis with LCF	3

*Levels of participation

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

Gastroenterology & Hepatology procedures log

Electrolyte correction	Level C 5 Level B 5 Level A 20	Abdominal decompression	Level C 5 Level B 5 Level A 20
Ascetic fluid tap	Level C 3 Level B 3 Level A 3	Liver biopsy	Level C 5 Level B 5 Level A 20
Abdominal ultrasonography	Level C 5	Upper & lower endoscopy	Level C 5

* Levels of competency

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



كلية الطب



مستشفى الأطفال الجامعي

Second Year

Unit 4, Pediatric Hematology

Requirements

- **Credit points:** 10 points for training & clinical teaching.
- Minimal rate of attendance 80% of training and didactic

Hematology Unit Training

Unit	Credit points	Topics	% of achieved points
- Pediatric Hematology Unit -Thalassemia Center -Hematology outpatient Clinic	4	- Practice with hematology cases for 4 weeks in the Hematology Unit & Thalassemia Center including ordering, performing & interpreting appropriate investigations and ordering & performing appropriate therapies - log of cases as mentioned below - log of procedures as mentioned below	40%
	2	Attendance of Hematology outpatient clinic (3 hours/day) for 4 weeks	20%
	2	Afternoon (3 – 10 pm) & night (10 pm-8 am) shifts 4/ month for each	20%
	1	Attendance of the staff clinical round (2 hours/week) & department conference (2 hours /week) for 7 weeks	10%
	1	Formative assessment	10%

Student signature

Principle coordinator signature

Head of department signature

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مستشفى الأطفال الجامعي

Hematology Unit Case Log

Cases	Minimal Number		
Thalassemia	30	Aplastic anemia	10
Sickle cell anemia	3	Fanconi anemia	3
Spherocytosis	1	Pure red cell aplasia	2
Iron deficiency anemia	30	Thrombocytopenia	30
Megaloplastic anemia	2	Thrombasthenia	5
Hematological malignancies	3	Von Willebrand disease	5
Gaucher Disease	5		

*Levels of participation

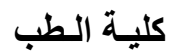
- A- Plan and carry out
- B- Carry out
- C- Carry out under supervision

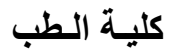
Hematology Unit Procedures

Desferal infusion	Level C 5 Level B 5 Level A 20	Blood transfusion	Level C 5 Level B 5 Level A 20
Blood products transfusion	Level C 5 Level B 5 Level A 20		

Levels of competency

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



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كلية الطب



مستشفى الأطفال الجامعي

Unit 5, Pediatric Nephrology & Urology

Requirements

● **Credit points:** 10 points for training & clinical teaching.

- Minimal rate of attendance 80% of training and didactic

Nephrology & Urology Unit Training

Unit	Credit points	Topics	% of achieved points
- Pediatric Nephrology & Urology Unit - Dialysis Center -Nephrology outpatient Clinic	4	- Practice with nephrology cases for 4 weeks in the Nephrology & Urology Unit and Dialysis Center including ordering, performing & interpreting appropriate investigations and ordering & performing therapies - log of cases as mentioned below - log of procedures as mentioned below	40%
	2	Attendance of Nephrology outpatient clinic for 4 weeks (3hours/day)	20%
	2	Night shifts (2 pm-8 am) once/ week for 4 weeks	20%
	1.5	Attendance of the clinical staff rounds (2 hours /week) & department conference (2 hours /week) for 11 weeks	15%
	0.5	Formative assessment	5%

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مستشفى الأطفال الجامعي

Nephrology Unit Case log

Cases	Minimal Number		
Steroid responsive nephrotic syndrome	10	Urinary stones	5
Steroid resistant nephrotic syndrome	5	Obstructive uropathy	5
Steroid dependant nephrotic syndrome	5	Vesicoureteric reflux	5
Glomerulonephritis	10	Renal tubular acidosis	1
Hematuria for DD	10	Congenital anomalies of kidney	5
Acute renal failure	20	Congenital anomalies of urogenital system	3
Chronic renal failure	20	Nephrogenic diabetes insipidus	2
Urinary tract infection	10	Renal stones	2

*Levels of participation

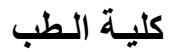
- A- Plan and carry out
- B- Carry out
- C- Carry out under supervision

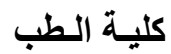
Nephrology Unit procedures log

Peritoneal dialysis	Level C 5 Level B 5 Level A 20	Hemodialysis	Level C 5 Level B 5 Level A 20
Femoral catheterization	Level C 5		

Levels of competency

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

[illegible]

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كلية الطب



مستشفى الأطفال الجامعي

Unit 6, Pediatric Neurology & Psychology

Requirements

● **Credit points:** 10 points for training & clinical teaching.

- Minimal rate of attendance 80% of training and didactic

Neurology & Psychology Unit Training

Unit	Credit points	Topics	% of achieved points
- Pediatric Neurology & Psychology Unit - Neurology outpatient Clinic - EEG & EMG lab	4	- Practice with neurology cases for 4 weeks in the Neurology Unit including ordering, performing & interpreting appropriate investigations and ordering & performing therapies - log of cases as mentioned below - log of procedures as mentioned below	40%
	2	Attendance of Neurology outpatient clinic for 4 weeks (3hours/day)	20%
	2	Afternoon (3 – 10 pm) & night (10 pm-8 am) shifts 4 / month for each	20%
	1	Attendance of the Staff clinical round (2 hours /week)& department conference (2 hours /week) for 7 weeks	10%
	1	Formative assessment	10%

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مستشفى الأطفال الجامعي

Neurology & Psychology Unit case log

Headache for investigation	20	Spinal cord lesions	5
Hydrocephalus	5	Floppy infant	10
Microcephally	5	Ataxia	5
Neural tube defects	5	Abnormal movements	5
Cerebral palsy	20	Neurocutaneous syndromes	5
Neurodegenerative diseases	7	Hemiplegia	5
Myopathies	7	Follow up of epilepsy cases	30
Neuropathies	5	Conditions that mimic epilepsy	10
Habit & Tic disorders	5	Eating Disorders	5
Eneuresis & incopresis	5	Autistic disorders	3
Attention deficit hyperactivity disorders.	10		
Habit & Tic disorders	5	Eating Disorders	5

*Levels of participation

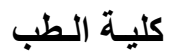
- A- Plan and carry out
- B- Carry out
- C- Carry out under supervision

Neurology procedures

EEG	Level C 5	EMG	Level C 5
NCV	Level C 5	IQ interpretation	Level C 5

Levels of competency

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



Outpatient Clinic Attendance

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كلية الطب



مستشفى الأطفال الجامعي

Unit 7, Pediatric Pulmonology & TB

Requirements

● **Credit points:** 10 points for training & clinical teaching.

- Minimal rate of attendance 80% of training and didactic

Pulmonology & TB Unit Training

Unit	Credit points	Topics	% of achieved points
- Pediatric Pulmonology & TB Unit - Pulmonology & TB outpatient Clinic	4	- Practice with pulmonology cases for 4 weeks in the Pulmonology & TB Unit including ordering, performing & interpreting appropriate investigations and ordering & performing therapies - log of cases as mentioned below - log of procedures as mentioned below	40%
	2	Attendance of Pulmonology & TB outpatient clinic for 4 weeks (3 hours/day)	20%
	2	Afternoon (3 – 10 pm) & night (10 pm-8 am) shifts 4/ month for each	20%
	1	Attendance of the Staff clinical round (2 hours /week) & department conference (2 hours /week) for 7 weeks	10%
	1	Formative assessment	10%

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مستشفى الأطفال الجامعي

Pulmonology & TB Unit Cases

Case	Minimal Number	Case	Minimal Number
Upper air way infections	30	Lung cyst	3
Snoring & obstructive sleep apnea	15	Emphesema & hyperinflation	10
Wheezy infant	30	Diaphragmatic hernia	5
Bronchial asthma	30	Mediastinal mass	5
Lung abscess	3	Interstitial pulmonary fibrosis	5
Bronchiectasis	3	Chronic chest infections	10
Pulmonary TB	20	Lung atelectasis	10
Extra-pulmonary TB	20		

* Levels of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision

Pulmonology & TB Procedures

Chest physiotherapy	Level C 5 Level B 5 Level A 20	Tuberculin skin test	Level C 5 Level B 5 Level A 10
Respirometer interpretation	Level C 5 Level B 5 Level A 10	Steam inhalation	Level C 5 Level B 5 Level A 20

* Levels of competency

A- Independent performance

B- Performance under supervision

C- Observed



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مستشفى الأطفال الجامعي

Second Year Academic Activities

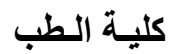
- Minimal rate of attendance 80% of didactic

General Pediatric Medicine Lectures

Requirements

- Credit points: 3.5 points for Didactic (lectures, seminars, tutorial).

Unit	Credit points	Topics	Required hours	% of achieved points
	0.25	-Nutrition and malnutrition -Children with special health needs	2.5 hours	5%
	0.75	-Rheumatic diseases -Immunologic diseases -Allergic diseases	7.5 hours	25%
	0.75	Metabolic diseases: -Abnormal carbohydrate metabolism -Aminoacidopathies -Lipid storage diseases -Mucopolysaccharidosis -Causes of lactic acidosis & hypercholesterolemia	7.5 hours	25%
	0.75	-Infectious diseases: -Infection control & immunization -PUO, sepsis, infection in immunocompromized patients -Bacterial infections -Viral infections -Mycotic & parasitic infections	7.5 hours	25%
	0.25	-Skin diseases	2.5 hours	5%
	0.25	-Bone diseases	2.5 hours	5%
	0.25	-Environmental health hazards	2.5 hours	5%
	0.25	Formative assessment		5%





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مستشفى الأطفال الجامعي

Emergency Unit Lectures

Requirements

- **Credit points: 2 points** for Didactic (lectures, seminars, tutorial).

Unit	Credit points	Topics	Required hours	% of achieved points
- Pediatric Emergency Unit	0.3	-Dyspnea & respiratory distress -FB inhalation -Croup syndromes	3 hours	15%
	0.2	-Hypercyanotic spells -Acute heart failure	2 hours	10%
	0.3	-Convulsions -CNS infections -Encephalopathies	3 hours	15%
	0.2	-Hematological emergencies	2 hours	10%
	0.3	-Food & drug poisoning -Envenomation -Acute allergies	3 hours	15%
	0.3	-Anuria, oliguria & urine retention	3 hours	15%
	0.3	-Absolute constipation -Acute abdomen -Hepatic cell failure	3 hours	15%
	0.1	Formative assessment		5%



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مستشفى الأطفال الجامعي

Gastroenterology & Hepatology Unit Lectures

Requirements

- **Credit points: 2** points for Didactic (lectures, seminars, tutorial).

Unit	credit points	Topics	Required hours	% of achieved points
Gastroenterology & Hepatology Unit	0.2	-Common lesions of the oral cavity.	2 hours	10 %
	0.3	-Acute and chronic diarrhea. -Malabsorptive disorders. -Inflammatory bowel disease.	3 hours	15%
	0.4	-Acute and chronic abdominal pain. -Intestinal obstruction -GIT bleeding	4 hours	20%
	0.4	-GERD and congenital hypertrophic pyloric stenosis. -Congenital anomalies of the anus, rectum and colon.	4 hours	20
	0.6	-Acute and chronic hepatitis. -Fulminant hepatic failure. -Cholestasis in infancy period. -Liver cirrhosis. -Portal hypertension. -Ascites and peritonitis	6 hours	30
	0.1	Formative assessment		5%



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مستشفى الأطفال الجامعي

Hematology Unit Lectures

Requirements

- **Credit points: 2 points** for Didactic (lectures, seminars, tutorial).

Unit	Credit points	Topics	Required hours	% of achieved points
- Pediatric Hematology Unit	0.4	-Hematopoiesis -Anemias of inadequate production -Deficiency anemia -Hemolytic anemias	4 hours	20%
	0.2	-Disorders of WBCs	2 hours	10%
	0.2	-Bleeding and coagulation disorders	2 hours	10%
	0.2	-Hematological malignancies	2 hours	10%
	0.2	-Solid tumors	2 hours	10%
	0.1	-Lymphadenopathy.	1 hours	5%
	0.2	-Splenomegaly.	2 hours	10%
	0.1	-Gaucher disease.	1 hour	5%
	0.1	-Blood & blood products transfusions	1 hour	5%
	0.2	-Bone marrow failure.	2 hours	10%
	0.1	Formative assessment		5%



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مستشفى الأطفال الجامعي

Nephrology & Urology Unit Lectures

Requirements

- **Credit points: 2 points** for Didactic (lectures, seminars, tutorial)..

Unit	credit points	Topics	Required hours	% of achieved points
Nephrology & Urology Unit	0.3	-Conditions associated with proteinuria -Nephrotic syndrome with its types	3 hours	15%
	0.3	-Conditions associated with hematuria -Glomerulonephritis with its types	3 hours	15%
	0.2	Acute & chronic renal failure.	2 hours	10%
	0.2	-Renal tubular acidosis -Nephrogrnic diabetes -Interstitial nephritis	2 hours	10%
	0.2	- Vesicoureteric reflux	2 hours	10 %
	0.2	- Congenital anomalies of the kidney & UT	2 hours	10%
	0.2	- Obstructive uropathy	2 hours	10%
	0.2	- Urinary tract infections	2 hours	10%
	0.1	-Urinary stones	1 hour	5%
	0.1	Formative assessment		5%



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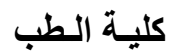
مستشفى الأطفال الجامعي

Neurology & Psychology Unit Lectures

Requirements

- **Credit points: 2.5 points** for Didactic (lectures, seminars, tutorial).

Unit	credit points	Topics	Required hours	% of achieved points
Neurology & Psychology Unit	0.4	-Cerebral Palsy. -Motor deficit (hemiplegia, paraplegia, quadriplegia)	4 hours	16%
	0.3	-Myopathy. -Muscular dystrophies	3 hours	12%
	0.4	- Motor neuron disease -Disorders of neuromuscular transmission -Peripheral neuropathy.	4 hours	16%
	0.3	-Epilepsy & condition that mimic epilepsy. -Headache. - Movement disorders	3 hours	12 %
	0.4	-Neurodegenerative and neurometabolic diseases. -Neurocutaneous syndromes. -Brain tumours	4 hours	16%
	0.3	-Vegetative disorders -Habit & tic disorders -Eating disorders	3 hours	12%
	0.3	-Autism -Attention deficit hyperactivity disorders	3 hours	12%
	0.1	Formative assessment		4%

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مستشفى الأطفال الجامعي

Pulmonology & TB Unit Lectures

Requirements

- **Credit points: 2 points** for Didactic (lectures, seminars, tutorial).

Unit	credit points	Topics	Required hours	% of achieved points
Pulmonology & TB Unit	0.2	Obstructive sleep apnea	2 hours	10%
	0.1	Chronic or recurrent respiratory symptoms.	1 hours	5%
	0.2	Croup, epiglottitis, laryngitis, and tracheitis.	2 hours	10%
	0.1	Foreign bodies of the respiratory systems	1 hour	5%
	0.2	Wheezing, bronchiolitis & asthma	2 hours	10%
	0.2	Emphysema & overinflation	2 hours	10%
	0.1	Aspiration syndromes	1 hour	5%
	0.2	Pneumonia (viral & bacterial)	2 hours	10%
	0.2	Bronchiectasis & lung abscess	2 hours	10%
	0.1	Cystic fibrosis	1 hour	5%
	0.1	Interstitial pulmonary fibrosis	1 hour	5%
	0.1	Pulmonary embolism, infarction, & hemorrhage	1 hour	5%
	0.1	Atelectasis	1 hour	5%
	0.1	Formative assessment		5%



كلية الطب



مستشفى الأطفال الجامعي

Third Year

Unit 8, Pediatric Cardiology

Requirements

- **Credit points:** 10 points for training & clinical teaching.
- Minimal rate of attendance 80% of training

Cardiology Unit Training

Unit	Credit points	Topics	% of achieved points
- Pediatric Cardiology Unit	4	- Practice with cardiology cases for 4 weeks in the Cardiology Unit including ordering, performing & interpreting appropriate investigations and ordering & performing therapies - log of cases as mentioned below - log of procedures as mentioned below	40%
	2	Attendance of Cardiology outpatient clinic (3 hours / day) for 4 weeks	20%
	2	Afternoon (3 – 10 pm) & night (10 pm-8 am) shifts 4/ month for each	20%
	1	Attendance of the clinical teaching (2 hours /week) & department conference (2 hours /week) for 7 weeks	10%
	1	Formative assessment	10%

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مستشفى الأطفال الجامعي

Cardiology Unit Module

Congenital cyanotic heart with increased pulmonary blood flow	5	Congenital cyanotic heart with restrected pulmonary blood flow	5
Congenital acyanotic heart	30	Pericardial effusion	3
Cardiomyopathy	5	Innocent murmur	20
Rheumatic heart disease	30	Acute rheumatic fever	10
Systemic hypertension	10	Chest pain	1
Perioperative care of cardiac surgery	5	Infective endocarditis	3

*Levels of participation

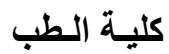
- A- Plan and carry out
- B- Carry out
- C- Carry out under supervision

Cardiology procedures

ECG	Level C 5 Level B 5 Level A 20	Echocardiography	Level C 5
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Levels of competency

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



Cardiology Outpatient Attendance log

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مستشفى الأطفال الجامعي

Unit 9, Pediatric Endocrinology & Diabetes

Requirements

● **Credit points:** 4 points for training & clinical teaching.

- Minimal rate of attendance 80% of training.

Unit	Credit points	Topics	% of achieved points
- Pediatric Endocrinology & Diabetes Unit - Endocrine & Diabetes outpatient Clinic	2	- Practice with endocrine cases for 2 weeks in the Endocrinology & Diabetes Unit including ordering, performing & interpreting appropriate investigations and ordering & performing therapies - log of cases as mentioned below - log of procedures as mentioned below	50%
	0.5	Attendance of Endocrinology & Diabetes outpatient clinic for 2 days / week for 4 weeks	12.5%
	1	Night (2 pm-8 am) shifts once / week for 2 weeks	25%
	0.5	Attendance of the clinical teaching & conference of the department (15 hours)	12.5%

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مستشفى الأطفال الجامعي

Endocrinology & Diabetes Unit Case Log

Type 1 diabetes mellitus	30	Hypoparathyroidism	2
Short stature for DD	5	Hyperparathyroidism	2
Obesity for DD	5	Hypopituitarism	2
Hypothyroidism	2	Precocious puberty	1
Diabetes insipidus	5	Ambiguous genitalia	8
Delayed puberty	2	Hypoadrenocorticism	1

*Levels of participation

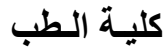
- A- Plan and carry out
- B- Carry out
- C- Carry out under supervision

Endocrinology & Diabetes Unit Procedures Log

Assessment of blood glucose	Level C 5 Level B 5 Level A 20	Insulin injection	
Assessment of growth on growth charts		Assessment of bone age	

*Levels of competency

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

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كلية الطب



مستشفى الأطفال الجامعي

Unit 10, Pediatric Intensive Care Unit

Requirements

● **Credit points:** 12 point for training & clinical teaching.

- Minimal rate of attendance 80% of training

Unit	Credit points	Topics	% of achieved points
- Pediatric Intensive Care Unit - Intermediate Care Unit	4	- Practice with critically ill cases for 4 weeks in the PICU including ordering, performing & interpreting appropriate investigations and ordering & performing therapies - log of cases as mentioned below - log of procedures as mentioned below	33%
	2	Afternoon (3 – 10 pm) & night (10 pm-8 am) shifts 4/ month for each	16.5%
	3	Practice with cases in the Intermediate Care Unit for 3 weeks	25%
	2	Attendance of the staff clinical round (2 hours/week) & department conference (2 hours /week) for 15 weeks	17%
	1	Formative assessment	8.5%

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مستشفى الأطفال الجامعي

Intensive Care Unit Cases Log

Case	Minimal Number	Case	Minimal Number
Cardiac arrhythmia	5	Respiratory failure	10
Pulmonary edema	5	Status asthmaticus	10
Cardiogenic shock	5	Drowning & near drowning	2
Cardiac tamponade	1	Diabetic ketoacidosis	10
Increased intracranial tension	5	Metabolic disturbance	10
Coma for DD	10	Hypertensive encephalopathy	5
Status epilepticus	10	Hepatic encephalopathy	3
CNS stroke	5	Hematemesis	3
Guillain Barre syndrome	5	DIC	10
Thromboembolic disease	5	Septicemia & septic shock	10

*Levels of participation

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



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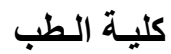
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Intensive Care Unit Procedures Log

Basic life support	Level C 5 Level B 5 Level A 20	Advanced life support & mechanical ventilation	Level C 5 Level B 5 Level A 20
Endotracheal intubation	Level C 5 Level B 5 Level A 20	Anti-dysrhythmic maneuvers	Level C 5 Level B 5 Level A 20
Intraosseous line	Level C 5 Level B 3 Level A 10	Central venous line	Level C 5 Level B 5 Level A 20
Cardioversion	Level C 5 Level B 5 Level A 5	Urinary catheter	Level C 5 Level B 5 Level A 20
Total parenteral nutrition	Level C 5 Level B 5 Level A 20	Arterial line placement	Level C 5 Level B 5 Level A 20
Singestaken tube insertion	Level C 5 Level B 3 Level A 5	Partial exchange transfusion	Level C 5 Level B 5 Level A 20
		Obtain consent from family	Level C 5 Level B 5 Level A 20

Levels of competency

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





كلية الطب



مستشفى الأطفال الجامعي

Unit 11, Neonatology & NICU

Requirements

● **Credit points:** 12 points for training & clinical teaching.

- Minimal rate of attendance 80% of training

Neonatology & NICU Training

Unit	Credit points	Topics	% of achieved points
- Pediatric Hematology Unit -Thalassemia Center -Hematology outpatient Clinic	6	- Practice with neonatal cases for 6 weeks in the NICU including ordering, performing & interpreting appropriate investigations and ordering & performing therapies - log of cases as mentioned below - log of procedures as mentioned below	50%
	3	Afternoon (3 – 10 pm) & night (10 pm-8 am) shifts 5/ month for each	25%
	2	Attendance of the Staff clinical round (2 hours /week)& department conference (2 hours /week) for 15 weeks	17%
	1	Formative assessment	8%

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Principle coordinator signature

Head of department signature

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مستشفى الأطفال الجامعي

Neonatology & NICU Case Log			
Case	Minimal Number	Case	Minimal Number
Neonatal care at delivery room	20	Necrotizing enterocolitis	5
Premature infant	30	Neonatal jaundice for DD	30
Intrauterine growth retardation	10	GIT anomalies	10
Large for gestational age	10	Hemorrhagic disease of newborn	10
Post term infants	15	Hemolytic disease of newborn	10
Neonatal injuries	5	Neonatal anemia	10
Hypoxic ischemic encephalopathy	10	Neonatal thrombocytopenia	10
Respiratory distress syndrome	20	Infant of diabetic mother	10
Meconium aspiration	5	Hypoglycemia	20
Transient tachypnea of newborn	10	Hypocalcemia	20
Neonatal pneumonia	10	Neonatal septicemia & meningitis	10
Neonatal cyanosis	10	Congenital infections	5
Apnea	10	Dysmorphic infant	20
Neonatal convulsions	10		

***Levels of participation**

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



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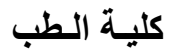
مستشفى الأطفال الجامعي

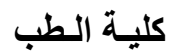
Neonatology & NICU Procedure Log

Neonatal resuscitation in the delivery room	Level C 5 Level B 5 Level A 20	Neonatal resuscitation in the nursery & NICU	Level C 5 Level B 5 Level A 20
Assessment of gestational age	Level C 5 Level B 5 Level A 20	Umbilical catheterization	Level C 5 Level B 5 Level A 5
Exchange transfusion	Level C 5 Level B 5 Level A 10	Phototherapy	Level C 5 Level B 5 Level A 20
Neonatal IV placement	Level C 5 Level B 5 Level A 20	Endotracheal intubation	Level C 5 Level B 5 Level A 20
Capillary sample by heel prick	Level C 3 Level B 3 Level A 5	Transcranial sonography	Level C 5 Level B 5
Mechanical ventilation	Level C 5 Level B 5 Level A 10		

Levels of competency

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

[illegible]

[illegible]



كلية الطب



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Third Year Academic Activities

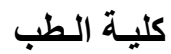
- Minimal rate of attendance 80% of didactic

Cardiology Unit Lectures

Requirements

● **Credit points:** 2 points for Didactics (lectures, seminars, tutorial).

Unit	credit points	Topics	Required hours	% of achieved points
Cardiology Unit	0.2	-Congenital heart disease with left to right shunt.	2 hours	10 %
	0.2	-Acyanotic congenital heart disease.	2 hours	10%
	0.2	-Cyanotic heart disease with increased pulmonary blood flow.	2 hours	10%
	0.2	-Cyanotic heart disease with restricted pulmonary blood flow.	2 hours	10%
	0.3	-Pediatric cardiac dysrhythmias.	3 hours	15 %
	0.2	-Rheumatic fever. -Chronic valvular rheumatic heart disease.	2 hours	10%
	0.3	-Infective endocarditis. -Pericardial effusion. -Systemic hypertension.	3 hours	15%
	0.3	-Cardiomyopathy. -Heart failure. -Care of children with cardiac invasive operations in the perioperative period	3 hours	15%
	0.1	Formative assessment		5%





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مستشفى الأطفال الجامعي

Endocrinology & Diabetes Unit Lectures

Requirements

- **Credit points: 2** points for Didactics (lectures, seminars, tutorial).

Unit	credit points	Topics	Required hours	% of achieved points
Endocrinology & Diabetes Unit	0.2	Short stature	2 hours	10 %
	0.2	Obesity	2 hours	10 %
	0.2	Polyurea & polydipsia	2 hours	10%
	0.2	Hypo- & hyperthyroidism	2 hours	10%
	0.2	Hypo- & hyperpituitrism	2 hours	10 %
	0.2	Hypo- & hyperglycemia	2 hours	10%
	0.2	Hypo- & hyperparathyroidism	2 hours	10%
	0.3	Hypo- & hypercorticism Delayed & precocious puberty	3 hours	15%
	0.2	Type 1 diabetes mellitus	2 hours	10%
	0.1	Formative assessment		5%



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مستشفى الأطفال الجامعي

Intensive care Unit Lectures

Requirements

- Credit points: 2 points for Didactics.

nit	credit points	Topics	Required hours	% of achieved points
Intensive Care Unit	0.3	-Respiratory failure -Status asthmaticus	3 hours	15%
	0.4	-Status epilepticus -Coma for DD -Hypertensive encephalopathy	4 hours	20%
	0.2	-Septic shock	2 hours	10%
	0.4	-Cardiac arrhythmias -Cardiogenic shock	4 hours	20%
	0.4	-Diabetic ketoacidosis -Acid/base & electrolyte imbalance	4 hours	20%
	0.2	-Indications & types of ventilation	2 hours	10%
	0.1	-Formative assessment		5%



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مستشفى الأطفال الجامعي

Neonatology & NICU Lectures

Requirements

- **Credit points:** 2 points for Didactics.

Unit	credit points	Topics	Required hours	% of achieved points
Physiology	0.3	High risk infants Delivery room emergencies	3 hours	15%
	0.2	Clinical manifestations of diseases in the neonatal period.	2 hours	10%
	0.3	Respiratory disorders (apnea, TTN, RDS, pneumothorax, pneumonia)	3 hours	15%
	0.3	Jaundice and kernicterus Necrotizing enterocolitis.	3 hours	15%
	0.2	Neonatal anemias. Hemolytic disease Hemorrhagic disease of newborn	2 hours	10%
	0.2	Neonatal convulsions. Hypoxic ischemic encephalopathy	2 hours	10%
	0.2	Hypoglycemia, Infant of diabetic mother. Metabolic disturbances	2 hours	10%
	0.2	Neonatal sepsis.	2 hours	10%
	0.1	Formative assessment		5%



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مستشفى الأطفال الجامعي

Postgraduate student's program Rotation in training assessment

* **Name:**

* **Period of training From:**

To:

* **Site:**

*Rotation




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



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مستشفى الأطفال الجامعي

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



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



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Elective Course

Requirements

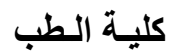
● **Credit points:** 2 credit point.

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

One of these courses

- Medical statistics.
- Evidence based medicine.
- Medicolegal Aspects and Ethics in Medical Practice and Scientific Research
- Quality assurance of medical education.
- Quality assurance of clinical practice.
- Hospital management

-





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مستشفى الأطفال الجامعي

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



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مستشفى الأطفال الجامعي

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			
Course 4			
Course 5			
Course 6			
Unit 1			
Unit 2			
Second Part			
Course 7			
Unit (Module) 1			
Unit (Module) 2			
Unit (Module) 3			
Unit (Module) 4			
Unit (Module) 5			
Unit (Module) 6			
Unit (Module)7			
Unit (Module) 8			
Unit (Module) 9			
Unit (Module) 10			
Unit (Module) 11			
- Elective Course Certificate Dates:			
- Master Degree Thesis Acceptance Date:			
- Fulfillment of required credit points prior to final examination			
Pediatrics M Sc Degree Principle Coordinator:			
Date approved by Pediatrics Department Council:			

يعتمد ،
رئيس القسم