



كلية الطب
وحدة ضمان الجودة



مستشفى الأطفال الجامعي

Pediatrics Logbook

For Candidates of Pediatric Doctor Degree

abbd1990.jeeran.com

2022-2023



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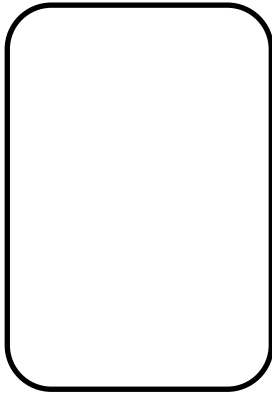
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بيانات شخصية عن المتدرب

- الاسم
- العنوان
- رقم التليفون
- رقم المحمول
- البريد الإلكتروني
- تاريخ التسجيل لدرجة الدكتوراه



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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**

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 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.

3- Academic Activities Log

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

4- Rotation / attendance proof

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

5- Formative assessment log

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

- Mini clinical examination
- Quises



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Program aims

- 1- To enable candidates to keep with international standards of Pediatric patients care by mastering high level of clinical skills, bedside care skills, in addition to update medical knowledge as well as clinical experience and competence in the area of Pediatric medicine and enabling the candidates of making appropriate referrals to a sub-specialist
- 2- Provide assistant lecturers with fundamental knowledge of Pediatric intensive care medicine as regards; mastering dealing with critically ill Pediatric patients, ICU equipments, techniques, indications, contraindications and training skills of different intensive care techniques.
- 3- To enable candidates to perform high standard scientific medical research and how to proceed with publication in indexed medical journals.
- 4- To enable candidates to describe the basic ethical and medicolegal principles relevant to Pediatrics.
- 5- To enable candidates to have professional careers as a consultant in Egypt but recognized abroad.
- 6-To enable candidates to continue self learning in subspecialties.
- 7- To enable candidates to master different research methodology and do their own.

Program Structure

Duration of program up to 4 years (could be extended to 6 years) divided into

○ Part 1

Program-related basic science courses

- Medical statistics.

- Research methodology

-: Medicolegal Aspects and Ethics in Medical Practice and Scientific Research

Students are allowed to sit the exams of these courses after 6 months from applying to the 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;

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.



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First Part

Basic science Courses

Course	Name of the course
Course 1	Medical statistics
Course 2	Research methodology
Course 3	Medicolegal Aspects and Ethics in Medical Practice and Scientific Research
Course 4	Applied physiology
Course 5	General basics of Pediatrics



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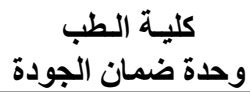
مستشفى الأطفال الجامعي

Medical statistics

Requirements

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

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



Medical Statistics

Lectures and tutorials

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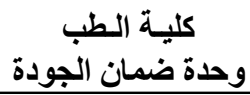
مستشفى الأطفال الجامعي

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	Public 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





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مستشفى الأطفال الجامعي

Medicolegal Aspects and Ethics in Medical Practice and Scientific Research

Requirements

● Credit points: 1 credit point

Minimal rate of attendance 80%

Name of the department	Credit points	Topics	Required hours	% of Achieved points
Forensic Medicine and Clinical Toxicology	0.2	Suspicious death. Death and death certificate.	2 hours	20%
	0.2	Supportive measures	2 hours	20%
	0.2	Toxicological reports	2 hours	20%
	0.2	Ethics in research.	2 hours	20%
	0.2	Medical ethics.	2 hours	20%

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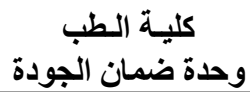
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مستشفى الأطفال الجامعي

Applied Pediatric Physiology

● Credit points: 2 credit point

Minimal rate of attendance 80%

Name of the department	Credit points	Topics	Required hours	% of Achieved points
Pediatric Department	0.1	-Control of body temperature	1 hours	5 %
	0.3	-Functions of alimentary tract -Functions of pancreas & liver -Normal digestive tract phenomena	3 hours	15%
	0.3	-Regulation of respiration -Respiratory pathophysiology -Respiratory failure -Defense mechanism & metabolic functions of the lung	3 hours	15%
	0.1	-Regulation of blood pressure	1 hours	5%
	0.2	physiologic adaptation of newborn	2 hours	10%
	0.3	-Hemopoiesis -Physiology of hemostasis -Functions of spleen & lymphatic system	3 hours	15%
	0.2	-Functions of renal glomeruli & tubules -Renal function tests	2 hours	10%
	0.4	-Functions & control of: hypothalamus, pituitary, thyroid, parathyroid, adrenal cortex & gonads -Physiology of puberty -Regulation of blood glucose	4 hours	20%
	0.1	Regulation of blood calcium & bone structure	1 hour	5%

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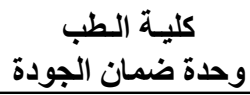
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مستشفى الأطفال الجامعي

General Basics of Pediatrics

Requirements

● Credit points: 5 credit point

Minimal rate of attendance 80%

Name of the department	Credit points	Attendance	hours	Percentage of Achieved points
Pediatric Department	0.2	-The field of Pediatrics	2 hours	4%
	0.7	-Growth & development and behavior	7 hours	14%
	0.2	-Social pediatrics	2 hours	4%
	0.7	-Nutritional requirement -Feeding of infants & children -Malnutrition & obesity -Vitamin deficiency & excess	7 hours	14%
	1.2	-Pathophysiology of body fluids -Regulation of electrolytes -Fluid & electrolyte ttt of special disorders - Critically ill child	10 hours	20%
	0.7	-Human genetics	7 hours	14%
	0.7	-Preventive pediatrics	7 hours	14%
	0.6	-Environmental health hazards	6 hours	12%

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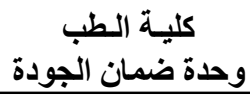
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مستشفى الأطفال الجامعي

Second Part

Course 6, Pediatric Medicine





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مستشفى الأطفال الجامعي

Units	% of total mark	Year	Core Credit Points		
			Didactic	Training	Total
Unit 1: General Ped. Medicine	10%	1	4	13	17
Unit 2: Ped. Emergency Unit	9%	1	2	11	13
Unit 3: Ped. Gastroenterology & Hepatology Unit	9%	1	2	11	13
Unit 4: Ped. Hematology & Onchology Unit	9%	2	2	11	13
Unit 5: Ped. Nephrology & Urology Unit	9%	2	2	11	13
Unit 6: Ped. Neurology & Psychology Unit	9%	2	2	11	13
Unit 7: Ped. Pulmonology & TB Unit	9%	3	2	11	13
Unit 8: Ped. Cardiology Unit	9%	3	2	11	13
Unit 9: Ped. Endocrinology & Diabetes Unit	9%	3	2	11	13
Unit 10: Ped. Intensive Care Unit	9%	4	2	11	13
Unit 11: Neonatology & NICU	9%	4	2	11	13
Total: 11 Units	100%	4 years	24	123	147



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مستشفى الأطفال الجامعي

First year

Unit 1, General Pediatric Medicine

Requirements

- **Credit points: 13** 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 ward 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	30%
	3	Attendance of outpatient clinics 3 hours /day for 6 weeks	23.5%
	3	Night shift (from 2 pm-8 am) once/ week for 6 weeks	23.5%
	2	Attendance of the clinical teaching 2 hours/ weekly for 30 weeks	15%
	1	Formative assessment	8%

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Head of department signature

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مستشفى الأطفال الجامعي

General Pediatric Medicine Case log

Infectious diseases

Pyrexia without a focus	10	Typhoid or brucella 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	Infections in Immunocompromised Persons	5
Infection Associated with Medical Devices	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
		Mitochondrial Diseases	2
		Progeria	1

Bone diseases

Skin diseases

Osteogenesis imperfect	2	Bacterial skin infections	10
Leg length discrepancy	1		
Arthrogryposis	1		
Spine disorders	1		
Skeletal dysplasia	1		
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



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Rheumatic diseases		Ecthyosis	2
Juvenile rheumatoid arthritis	2	Vesicubollus lesions	5
Systemic lupus erythematosus	3	Immunology & allergy diseases	
Dermatomyositis or scleroderma	2	Congenital immune deficiency	3
Post infection arthritis	3	Aquired immune deficiency	5
Vasculitis Syndromes	5	Phagocytic system disorders	2
Raynaud phenomenon	1	Complement disorders	2
Sarcoidosis	1	Hematopoietic stem cell transplantation	1
Post covid Multisystem inflammatory syndrome - children (MIS-C)	3		
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



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مستشفى الأطفال الجامعي

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

General Pediatric Medicine Lectures



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مستشفى الأطفال الجامعي

Requirements

- **Credit points: 4 points** for Didactic (lectures, seminars, tutorial).

Unit	Credit points	Topics	Required Hours	% of achieved points
-General ward	0.75	-Children with special health needs -Rheumatic diseases -Immunologic diseases -Allergic diseases	7.5 hours	19%
	0.75	Metabolic diseases: -Abnormal carbohydrate metabolism -Aminoacidopathies -Lipid storage diseases -Mucopolysaccharidosis -Causes of lactic acidosis & hypercholesterolemia	7.5 hours	19%
	0.75	-Infectious diseases: -PUO, sepsis, infection in immunocompromized patients -Bacterial infections -Viral infections -Mycotic & parasitic infections	7.5 hours	19%
	0.75	-Skin diseases -Bone diseases	7.5 hours	19%
	0.75	Eye diseases Ear diseases	7.5 hours	19%
	0.25	Formative assessment		5%

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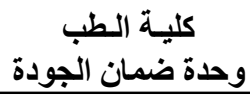
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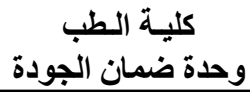
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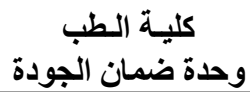
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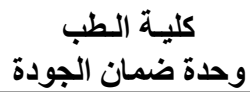
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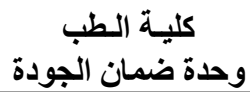
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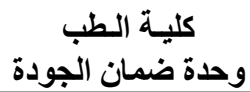


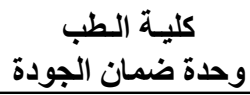
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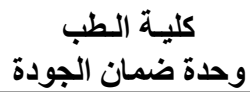


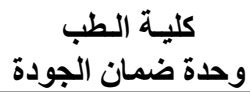


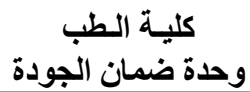






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Unit 2, Pediatric Emergency

Requirements

- **Credit points:** 11 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 	45%
	3	Afternoon (3-10 pm)& night (10 pm-8 am) shifts once /week for 6 weeks	27%
	2	Attendance of the clinical teaching 2 hours/ week for 30 weeks	18%
	1	Formative assessment	10%

Student signature

Principle coordinator signature

Head of department signature

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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	*Respiratory emergencies as -Dyspnea & respiratory distress -FB inhalation -Croup syndromes	3 hours	15%
	0.2	*Cardiac emergencies -Hypercyanotic spells -Acute heart failure	2 hours	10%
	0.3	*CNS emergencies -Convulsions -CNS infections -Encephalopathies	3 hours	15%
	0.2	*Hematological emergencies - Acute anemia - Acute bleeding	2 hours	10%
	0.3	*Envenomation & poisoning -Acute allergies - Acute metabolic disorders	3 hours	15%
	0.3	*Renal emergencies as Anuria, oliguria & urine retention	3 hours	15%
	0.3	*GIT emergencies - Absolute constipation - Acute abdomen - Hepatic cell failure	3 hours	15%
	0.1	Formative assessment		5%

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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
		Cardiac arrest	2
		Syncope	2
		Shock	2
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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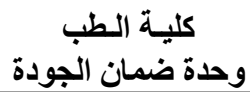
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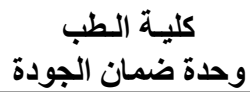
Emergency Unit procedures log

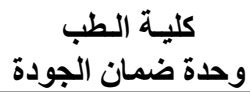
Cardiopulmonary resuscitation	Level C 5 Level B 5 Level A 10	Arterial blood sampling	Level C 5 Level B 5 Level A 20
Control of convulsions	Level C 5 Level B 5 Level A 20	Stomach wash	Level C 3 Level B 3 Level A 20
Cerebrospinal fluid tap	Level C 5 Level B 5 Level A 20	Pleural effusion tap	Level C 3 Level 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

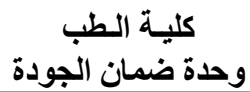
* Levels of competency

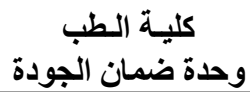
- A- Independent performance
- B- Performance under supervision
- C- Observed

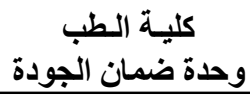


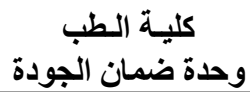
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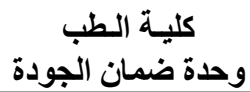


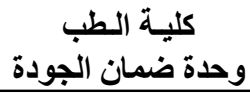








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كلية الطب
وحدة ضمان الجودة



مستشفى الأطفال الجامعي

Unit 3, Pediatric GIT & Hepatology

Requirements

- **Credit points: 11** 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	36%
	2	Attendance of GIT & hepatology outpatient clinic 3 hours/day for 4 week	18%
	2	Afternoon (3 – 10 pm) & night (10 pm-8 am) shifts: 4 / month for each	18%
	2	Attendance of the clinical teaching 2 hours/ week for 30 weeks	18%
	1	formative assessment	10%

Student signature

Principle coordinator signature

Head of department signature

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كلية الطب
وحدة ضمان الجودة



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
Gastrointestinal manifestations of covid infection	3	Exocrine pancreas disorders	1

*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
وحدة ضمان الجودة



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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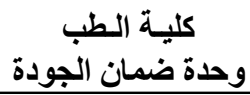
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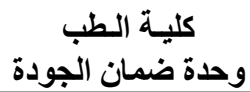
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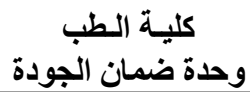
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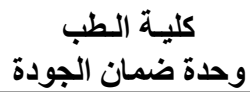
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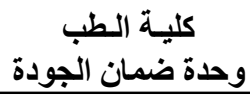


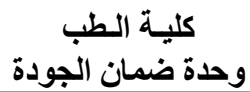


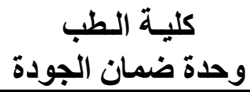


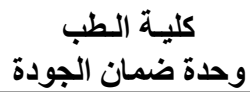
Gastroenterology outpatient clinic attendance

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كلية الطب
وحدة ضمان الجودة



مستشفى الأطفال الجامعي

Second Year

Unit 4, Pediatric Hematology & Onchology

Requirements

- **Credit points: 11** points for training & clinical teaching.
- Minimal rate of attendance 80% of training and didactic

Hematology & Onchology 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	36%
	2	Attendance of Hematology outpatient clinic (3 hours/day) for 4 weeks	18%
	2	Afternoon (3 – 10 pm) & night (10 pm-8 am) shifts 4/ month for each	18%
	2	Attendance of the staff clinical round (2 hours/week) & department conference (2 hours /week) for 15 weeks	18%
	1	Formative assessment	10%

Student signature

Principle coordinator signature

Head of department signature

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كلية الطب
وحدة ضمان الجودة



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
Different hematological presentations of covid infection	3		
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



كلية الطب
وحدة ضمان الجودة



مستشفى الأطفال الجامعي

Hematology & Onchology 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%

Student signature

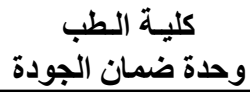
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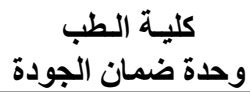
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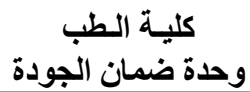
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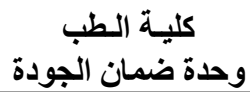
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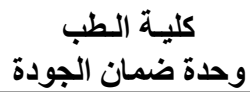
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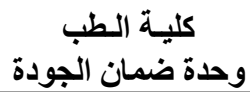


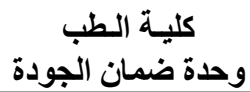
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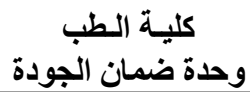






Outpatient Clinic Attendance

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كلية الطب
وحدة ضمان الجودة



مستشفى الأطفال الجامعي

Unit 5, Pediatric Nephrology & Urology

Requirements

● **Credit points: 11** 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	36%
	2	Attendance of Nephrology outpatient clinic for 4 weeks (3hours/day)	18%
	2	Night shifts (2 pm-8 am) once/ week for 4 weeks	18%
	2	Attendance of the clinical staff rounds (2 hours /week) & department conference (2 hours /week) for 15 weeks	18%
	1	Formative assessment	10%

Student signature

Principle coordinator signature

Head of department signature

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كلية الطب
وحدة ضمان الجودة



مستشفى الأطفال الجامعي

Nephrology & Urology 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
Enuresis	2		

*Levels of participation

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

Nephrology & Urology 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



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وحدة ضمان الجودة



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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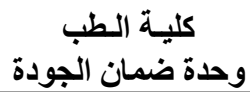
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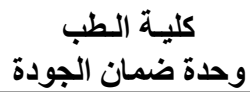
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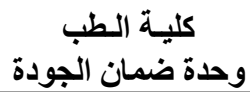
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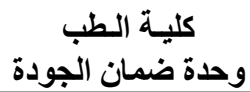
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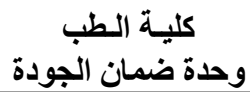
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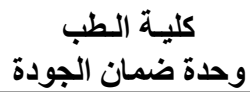






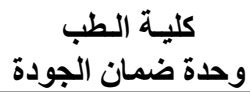


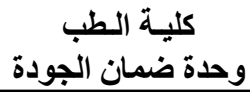




Outpatient clinic attendance

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كلية الطب
وحدة ضمان الجودة



مستشفى الأطفال الجامعي

Unit 6, Pediatric Neurology & Psychology

Requirements

● **Credit points: 11** 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	36%
	2	Attendance of Neurology outpatient clinic for 4 weeks (3hours/day)	18%
	2	Afternoon (3 – 10 pm) & night (10 pm-8 am) shifts 4 / month for each	18%
	2	Attendance of the Staff clinical round (2 hours /week)& department conference (2 hours /week) for 15 week	18%
	1	Formative assessment	10%

Student signature

Principle coordinator signature

Head of department signature

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كلية الطب
وحدة ضمان الجودة



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
Encephalopathies	5	Demyelinating disorders of the CNS	2
CNS vasculitis	2	-Pediatric stroke	2
-CNS infections	5		
Habit & Tic disorders	5	Eating Disorders	5
Enuresis & incontinence	5	Autistic disorders	3
Attention deficit hyperactivity disorders.	10	Rumination and pica	2
Habit & Tic disorders	5	Eating Disorders	5
Conduct disorders	3	Learning and developmental disorders	5

*Levels of participation

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



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مستشفى الأطفال الجامعي

Neurology & Psychology procedures log

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



كلية الطب
وحدة ضمان الجودة



مستشفى الأطفال الجامعي

Neurology & Psychology Unit Lectures

Requirements

- **Credit points: 2 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%
	0.4	-Epilepsy & condition that mimic epilepsy. -Headache. - Movement disorders	3 hours	12 %
	0.4	-Neurodegenerative and neurometabolic diseases. -Neurocutaneous syndromes. -Brain tumours	4 hours	16%
	0.1	Formative assessment		4%

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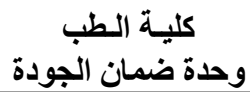
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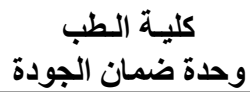
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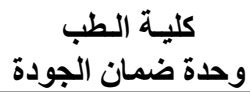
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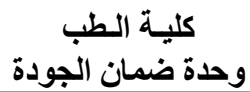
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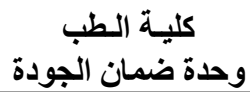
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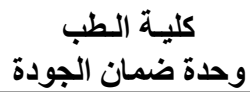


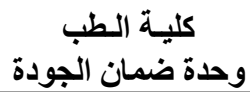
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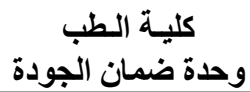


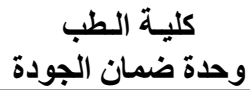
Outpatient Clinic Attendance

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كلية الطب
وحدة ضمان الجودة



مستشفى الأطفال الجامعي

Third Year

Unit 7, Pediatric Pulmonology & TB

Requirements

- **Credit points: 11** 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	36%
	2	Attendance of Pulmonology & TB outpatient clinic for 4 weeks (3 hours/day)	18%
	2	Afternoon (3 – 10 pm) & night (10 pm-8 am) shifts 4/ month for each	18%
	2	Attendance of the Staff clinical round (2 hours /week) & department conference (2 hours /week) for 15 weeks	18%
	1	Formative assessment	10%

Student signature

Principle coordinator signature

Head of department signature

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كلية الطب
وحدة ضمان الجودة



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	Emphysema & 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	Covid-19 infection	5
Primary ciliary dyskinesia	1	diffuse lung diseases of childhood	3
Immune and inflammatory lung disorders	3	Chronic respiratory insufficiency	2

* 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



كلية الطب
وحدة ضمان الجودة



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%

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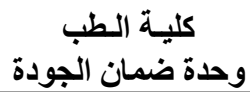
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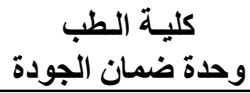
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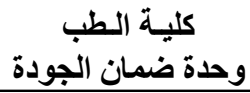
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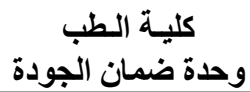
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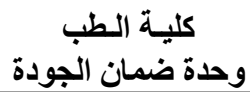
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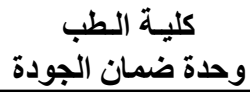


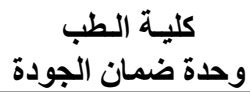


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كلية الطب
وحدة ضمان الجودة



مستشفى الأطفال الجامعي

Unit 8, Pediatric Cardiology

Requirements

● **Credit points:** 11 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	36%
	2	Attendance of Cardiology outpatient clinic (3 hours / day) for 4 weeks	18%
	2	Afternoon (3 – 10 pm) & night (10 pm-8 am) shifts 4/ month for each	18%
	2	Attendance of the clinical teaching (2 hours /week) & department conference (2 hours /week) for 15 weeks	18%
	1	Formative assessment	10%

Student signature

Principle coordinator signature

Head of department signature

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مستشفى الأطفال الجامعي

Cardiology Unit Cases log

Congenital cyanotic heart with increased pulmonary blood flow	5	Congenital cyanotic heart with restricted 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
Pulmonary hypertension	5	Vascular malformations	2
Systemic hypertension	3	Heart failure	10

*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



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مستشفى الأطفال الجامعي

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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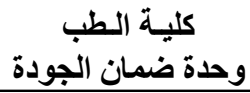
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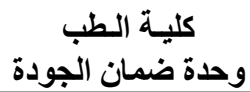
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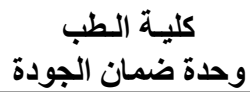
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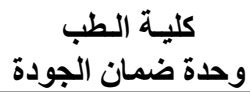
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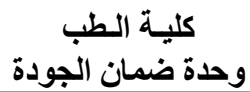
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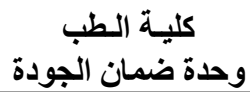






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مستشفى الأطفال الجامعي

Unit 9, Pediatric Endocrinology & Diabetes

Requirements

● **Credit points: 11** 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	4	- 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	36%
	2	Attendance of Endocrinology & Diabetes outpatient clinic for 2 days / week for 4 weeks	18%
	2	Night (2 pm-8 am) shifts once / week for 4 weeks	18%
	2	Attendance of the clinical teaching (2 hours /week) & department conference (2 hours /week) for 15 weeks	18%
	1	Formative assessment	10%

Student signature

Principle coordinator signature

Head of department signature

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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
Multiple endocrine neoplasia syndromes	1	Autoimmune polyglandular syndromes	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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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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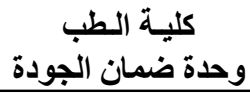
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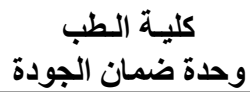
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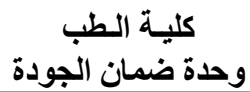
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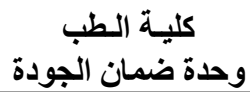
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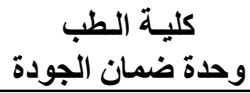
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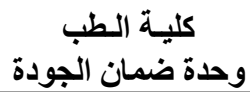


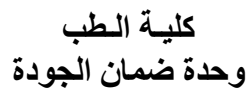




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مستشفى الأطفال الجامعي

Fourth Year

Unit 10, Pediatric Intensive Care Unit

Requirements

● **Credit points:** 11 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	36%
	2	Afternoon (3 – 10 pm) & night (10 pm-8 am) shifts 4/ month for each	18%
	2	Practice with cases in the Intermediate Care Unit for 2 weeks	18%
	2	Attendance of the staff clinical round (2 hours/week) & department conference (2 hours /week) for 15 weeks	18%
	1	Formative assessment	10%

Student signature

Principle coordinator signature

Head of department signature

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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
Increase intracranial tension	3	Cardiac arrest	5
Shock	3	Syncope	3
Envenomation	1	Burn injuries	1
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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مستشفى الأطفال الجامعي

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



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مستشفى الأطفال الجامعي

Intensive care Unit Lectures

Requirements

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

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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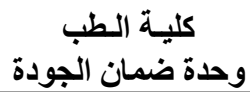
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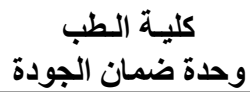
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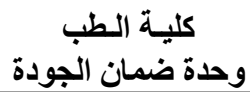
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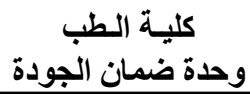
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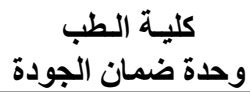
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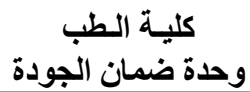


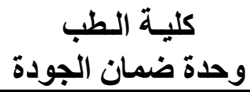




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مستشفى الأطفال الجامعي

Unit 11, Neonatology & NICU

Requirements

● **Credit points: 11** 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	5	- Practice with neonatal cases for 5 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	45%
	3	Afternoon (3 – 10 pm) & night (10 pm-8 am) shifts 5/ month for each	27%
	2	Attendance of the Staff clinical round (2 hours /week)& department conference (2 hours /week) for 15 weeks	18%
	1	Formative assessment	10%

Student signature

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
Neonatal resuscitation	10		
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	Cerebral hypothermia	5

*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



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مستشفى الأطفال الجامعي

Neonatology & NICU Lectures

Requirements

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

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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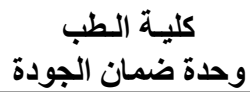
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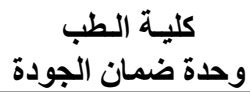
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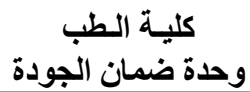
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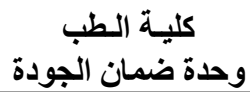
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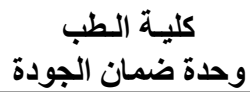
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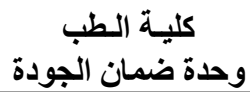
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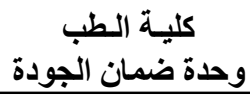


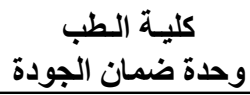


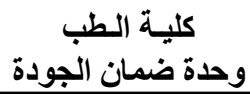
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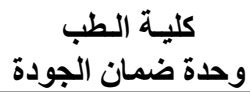


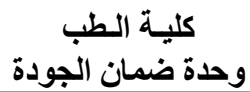


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مستشفى الأطفال الجامعي

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)	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.						



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مستشفى الأطفال الجامعي

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. 								



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مستشفى الأطفال الجامعي

General skills	could not judge (0)	strongly disagree(1)	(2) (3)		(4) (5)		(6) (7)		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.									



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وحدة ضمان الجودة



مستشفى الأطفال الجامعي

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								



كلية الطب
وحدة ضمان الجودة



مستشفى الأطفال الجامعي

Elective Course 1

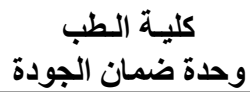
Requirements

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

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

One of these courses

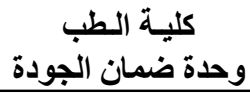
- Advanced medical statistics.
- Evidence based medicine.
- Advanced infection control.
- Quality assurance of medical education.
- Quality assurance of clinical practice.
- -Hospital management



Name of the elective course: -----

Elective Course Lectures

[illegible]

[illegible]



كلية الطب
وحدة ضمان الجودة



مستشفى الأطفال الجامعي

Elective Course 2

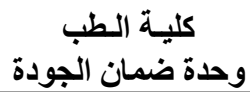
Requirements

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

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

One of these courses

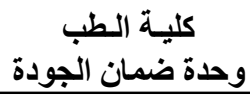
- Advanced medical statistics.
- Evidence based medicine.
- Advanced infection control.
- Quality assurance of medical education.
- Quality assurance of clinical practice.
- -Hospital management

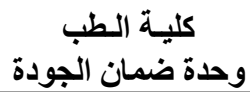


Name of the elective course: -----

Elective Course Lectures

[illegible]







كلية الطب
وحدة ضمان الجودة



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



كلية الطب
وحدة ضمان الجودة



مستشفى الأطفال الجامعي

Rotation / attendance proof

توقيع مدير المستشفى	توقيع رئيس الوحدة	اسم الوحدة	أسم المستشفى التي تدرب بها



كلية الطب
وحدة ضمان الجودة



مستشفى الأطفال الجامعي

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			
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			
Unit (Module) 12			
Unit (Module) 13			
Unit (Module) 14			
- Elective Course 1 Certificate Dates:			
- Elective Course 2 Certificate Dates:			
- MD Degree Thesis Acceptance Date:			
- Fulfillment of required credit points prior to final examination			
Pediatrics MD Degree Principle Coordinator:			
Date approved by Pediatrics Department Council:			

يعتمد ،
رئيس القسم

أ.د./