

THE FIFTH-YEAR LECTURES SYLLABUS

2020-2021

- TOTAL HOURS: 71
- FIRST TERM : 39
- SECOND TERM: 32

Subject	hours	lecturer
<ul style="list-style-type: none"> •Ethics in Pediatrics •Communication skills in pediatric age group 	2	أ.د.سوسن عيسى حبيب
Growth and Development	2	م.د. علياء محمد راضي
<ul style="list-style-type: none"> • Factors affecting growth and development • Pattern of growth from birth to puberty • Methods of measurement of stature and growth charts • Developmental milestone 		
Immunization	2	م.د. مرتضى ياسين طه
<ul style="list-style-type: none"> • Introduction to immune system and immune deficiency • Vaccination • Immunization schedule in Iraq 		
Infant Feeding	2	م.د. حنان راضي عبود
<ul style="list-style-type: none"> • Breast feeding • Formula feeding • Feeding problems 		
Nutrition	4	أ.د.سوسن عيسى حبيب
<ul style="list-style-type: none"> •Malnutrition •Failure to thrive •Malabsorption: celiac disease and cystic Fibrosis 		
Nutrition cont.,	1	
<ul style="list-style-type: none"> •Obesity 		
Vitamins Disorders	2	م.د.أسعد عيسى عاشور
<ul style="list-style-type: none"> • Vitamin A • Calcium metabolism and Rickets • Hemorrhagic disease of the newborn 		

Infectious Diseases	4	م.د. حنان راضي عبود
<ul style="list-style-type: none"> • Acute Diarrhea, vibriosis • Fluid therapy in diarrhea • Whooping cough, mumps • Tetanus 		
Infectious Diseases, Cont.,	2	م.د. ضحى صبيح جمعة
Prolonged fever with infectious cause <ul style="list-style-type: none"> • Enteric fever, brucellosis, kalaazar • Tuberculosis 		
Infectious Diseases, Cont.,	2	م.د. جواد كاظم عطية
<ul style="list-style-type: none"> • Meningitis and encephalitis • Acute Flaccid Paralysis: poliomyelitis, infectious polyneuritis 		
Infectious Diseases, Cont.,	2	م.د. ضحى صبيح جمعة
Exanthematous Diseases: <ul style="list-style-type: none"> • Roseola infantum, measles, chickenpox, scarlet fever • Rubella and congenital rubella 		
Gastrointestinal tract diseases	2	م.د. أسعد عيسى عاشور
<ul style="list-style-type: none"> • Diseases of the mouth • Abdominal pain, H. pylori Infection • Constipation • Viral hepatitis (Hepatitis A) 		
Neurological Disorders in Children	3	م.د. بهاء عبد الحسين أحمد
<ul style="list-style-type: none"> • Intellectual dysfunction • Cerebral palsy • Seizures in children 		
Respiratory Diseases	4	م.د. حسين جاسم محمد
<ul style="list-style-type: none"> • Integrated management of childhood illnesses • Wheezy infant, Bronchiolitis • Stridor • Pneumonia • Bronchial asthma 		
Diseases of the Newborn	5	
<ul style="list-style-type: none"> • Normal newborn, low birth weight babies • Premature baby and SGA • Respiratory distress in newborn babies 		

• Neonatal convulsions		
Diseases of the Newborn, cont.,	5	أ.م.د. عائدة عبد الكريم منشر
<ul style="list-style-type: none"> • Neonatal hyperbilirubinemia • Hemolytic diseases of the newborn • Birth injuries • Neonatal infections • Birth asphyxia 		
Pediatric Hematology and Oncology	4	أ.د. ميعاد كاظم حسن
<ul style="list-style-type: none"> • Approach to anemia in children • Hereditary anemia • Aplastic anemia 		
Pediatric Hematology and Oncology	2	م.د. ضحى صبيح جمعة
Hemorrhagic disorders <ul style="list-style-type: none"> • Thrombocytopenia • Hemophilia, Von Willebrand disease 		
Pediatric Hematology and Oncology	3	
<ul style="list-style-type: none"> • Leukemia • Lymphomas • Pediatric oncology emergencies 		
Genetic Disorders	3	م.د. ميامي كاظم يوسف
<ul style="list-style-type: none"> • Inheritance pattern • Chromosomal abnormalities • Prenatal diagnosis • Genetic counseling • Gene therapy 		
Cardiovascular Disorders	2	م.د. جواد كاظم عطية
<ul style="list-style-type: none"> • Congenital heart disease • Viral myocarditis and heart failure 		
Endocrine Disorders	2	م.د. عباس عبد خزعل
<ul style="list-style-type: none"> • Diabetes mellitus: Type I & Type II • Diabetic ketoacidosis 		
Endocrine Disorders cont,	1	م.د. ضحى صبيح جمعة
<ul style="list-style-type: none"> • Short stature • Hypothyroidism 		

Renal Diseases	3	م.د.عباس عبد خزعل
<ul style="list-style-type: none"> • Urinary tract infection • Acute glomerulonephritis • Nephrotic syndrome • Hemolytic uremic syndrome, acute kidney injury 		
Behavioral Disorders	3	م.د.بهاء عبد الحسين أحمد
<ul style="list-style-type: none"> • Habit disorders, sleep disorders, continence disorders, and eating disorders • ADHD • Autism • Learning disorders 		
Rheumatology	2	م.د. علياء محمد راضي
Joint pain & Limping <ul style="list-style-type: none"> • Rheumatoid arthritis • Vasculitis: Henoch-Schölein purpura • Rheumatic fever 		
Poisoning	2	م.د. مرتضى ياسين طه
Drug Poisoning – Approach to initial measures <ul style="list-style-type: none"> • Organophosphorus, iron, paracetamol poisoning • Hydrocarbons poisoning 		

١ - المنهج الدراسي للمرحلة السادسة

Hospital Schedule of training of 6th year students

Place of Training	Group	Time & Duration
Basra Maternity and Children Hospital	A	
Basra General Hospital	B	
Al-Port General Hospital	C	
Basra Specialty Children's Hospital	D	
Basra Specialty Children's Hospital	A	
Basra Maternity and Children Hospital	B	
Basra General Hospital	C	
Al-Port General Hospital	D	
Al-Port General Hospital	A	
Basra Specialty Children's Hospital	B	
Basra Maternity and Children Hospital	C	
Basra General Hospital	D	
Basra General Hospital	A	
Al-Port General Hospital	B	
Basra Specialty Children's Hospital	C	
Basra Maternity and Children Hospital	D	
Week of Examination		

Curriculum of themes and index of learning objectives that should be covered during the clinical practice

Themes	Minimum no. of sessions	Diseases	learning objectives index(pages)
Nutrition and gastroenterology		Malnutrition & nutritional assessment	17,18

	10	Diarrheal Diseases (assessment & management) Malabsorption Abdominal Pain Others	
Respiratory and Allergy	10	Bronchopneumonia Bronchiolitis Croup Bronchial Asthma Others	18
Hemato-oncology	6	Acquired Anemia Hereditary Anemia (SCA, Thalassemia,G6PD deficiency) Bleeding Disorders (acquired & hereditary) Malignancies(leukemia & lymphomas) Others	19,20
Neurology	6	Meningitis, Encephalitis Gullian- Barri syndrome & other neuropathies Cerebral Palsy Others	20,21
Neonatology	6	Neonatal Resuscitation Gestational Age Assessment SGA & LGA Infant of Diabetic Mother Neonatal seizures Neonatal infections Neonatal hypoglycaemia Neonatal Jaundice Others	21
Cardio-vascular Diseases	4	Congenital Heart Diseases (as VSD, TOF) Heart Failure SBE Hypertension Others	22
Child Development	2	Assessment of Developmental Age Developmental Delay	22
Nephrology	4	Nephritis (as acute post-streptococcal glomerulonephritis) Nephrotic Syndrome Renal Failure Urinary Tract Infections Others	23

Endocrine	2	Diabetes Mellitus	23,24
		Short Stature	
		Hypothyroidism and others	
Emergency cases	6	Assessment of emergency and priority signs	24
		Common emergency conditions	
Primary health care centre	2	IMCI and follow-up of children at well-child clinic visits	25
Teaching skills laboratory	2	Basic life support, foreign body inhalation, peripheral and intra osseous canulation	26

Hospital Schedule of training of 6th year students

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Basra General Hospital	B	
Al-Port General Hospital	C	
Basra Specialty Children's Hospital	D	
Basra Specialty Children's Hospital	A	
Basra Maternity and Children Hospital	B	
Basra General Hospital	C	
Al-Port General Hospital	D	
Al-Port General Hospital	A	
Basra Specialty Children's Hospital	B	
Basra Maternity and Children Hospital	C	
Basra General Hospital	D	
Basra General Hospital	A	
Al-Port General Hospital	B	
Basra Specialty Children's Hospital	C	
Basra Maternity and Children Hospital	D	
Week of Examination		

Basra General Hospital	
1 st Week	Malnutrition & nutritional assessment Diarrheal Diseases (assessment & management) Malabsorption Abdominal Pain Others (Emergency problems)
2 nd Week	Bronchopneumonia Bronchiolitis Croup Bronchial Asthma Developmental assessment Epilepsy & CP Others

Basra Maternity & Children Hospital	
1 st Week	Neonatal Resuscitation Gestational Age Assessment SGA & LGA-IDM Neonatal seizures Neonatal infections Neonatal hypoglycemia Neonatal Jaundice Others
2 nd Week	Acquired Anemia Hereditary Anemia (SCA, Thalassemia, G6PD deficiency) Bleeding Disorders (acquired & hereditary) Malnutrition & nutritional assessment Others

Daily schedule of training of 6th year students

1-Training in general pediatric ward, emergency room, and neonatal care unite

Subject
Ward round
History taking and examination
Clinical session
Rest
Short cases, OSCE training, outpatient clinic Student centered teaching

Training in primary health care center for four days

DAYS	PROGRAM	TOPICS
DAY 1	Iraqi Immunization Schedule	<ul style="list-style-type: none"> • Dose ,route and component of different vaccine that are included in WHO program • Timing, contraindications and side effect of vaccine • Validity and storage of vaccine during transport and administration • Special vaccine and their indications
	Breast Feeding	<ul style="list-style-type: none"> • Benefit and proper position of breast feeding • Contraindications • Associated problems and their management
DAY 2	IMNCH (Integrated Management of Childhood, Neonate Health)	<ul style="list-style-type: none"> • Management of acute respiratory tract infections (cough and difficult breathing ,throat problems ,ear problems) • Assess and management of infant below 2 months • Management of acute diarrheal diseases • Oral rehydration therapy • General danger signs and classification of different patient problems
DAY 3	Development Assessment	<ul style="list-style-type: none"> • Gross and fine motor development • Speech ,vision ,hearing ,social behavior and skills • Causes of delay development (partial or global)
DAY 4	Nutrition Assessment	<ul style="list-style-type: none"> • Clinical signs of malnutrition including Wasting ,edema, eye signs and skin changes • Assess severity of malnutrition clinically • Measurement of weight and length or height • Application of different growth charts • Calculation of standard deviation

Basra General Hospital	
1	Anthropometric measures
2	DC-Shock
3	ORS & ReSoMal
4	Therapeutic milk & Nutritional support
5	Infusion sets
6	Nebulizer
7	Spacer, metered dose inhaler & peak flow meter

Basra Maternity & Children Hospital	
1	Phototherapy
2	Exchange transfusion
3	Incubator & CPAP
4	NG tube
5	Blood transfusion
6	Desferal pump
7	Intraosseous canulation

Al-Mawani General Hospital	
1	Insulin therapy
2	Glucometer
3	Chest X-ray interpretation
4	Fluid therapy
5	Intravenous canulation
6	Urine sample collection
7	Growth measures

Basra Specialty Children Hospital	
1	ECG
2	Acid-base abnormalities
3	Oxygen therapy
4	Spinal needle & lumber puncture
5	Pulse oximetry
6	Blood pressure measurement
7	Infection control in pediatric wards

International PLS Course

Date/ days	Training	Location
Day 1	E learning module	Electronic Hall
Day 2	Skills training	Skill lab.
Day 3	Skills training	Skill lab.

Skill training

Time	Activity
8:00-8.30	Registration
10 minutes	Introduction lecture (All students)
15 minutes	Tennis ball game (2 Groups)
15 minutes	“ Surgeon” video part 1 + 2 and discussion (All students)
60 minutes	Round Table teaching (Seven students)/ each round
10 minutes	Feedback and debriefing

جدول السمينارات

الموضوع	التدريسي
Communication skills in pediatrics	د.سوسن عيسى حبيب د.ضحى صبيح جمعة
Fluid therapy, electrolytes disturbances and blood gas analysis	د.مرتضى ياسين طه
Hypertension in Children	د.عباس عبد خزعل
ECG interpretation and case presentation	د.جواد كاظم عطية
Approach to a floppy infant	د.حسين جاسم محمد
Slides review in pediatrics and Drug prescription and therapeutics Quiz	د.أسعد عيسى عاشور

Interpretation of hematological data Quiz	د.میعاد کاظم حسن
Transfusion therapy and transfusion reactions Quiz	د.علیاء محمد راضی