

**DEPARTMENT OF HEALTH AND MEDICAL SERVICES  
DUBAI MEDICAL COLLEGE FOR GIRLS  
CLINICAL FACULTY**

**ACADEMIC DEPARTMENT OF PEDIATRICS**

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**PEDIATRIC TEACHING IN THE INTRODDUCTORY COURSE**

<b>S.No.</b>	<b>Type of session</b>	<b>Duration of session in Minutes</b>	<b>Number of session</b>	<b>Time/Unit</b>	<b>Teaching units Given</b>
1.	History taking & methods of clinical examination	90	8	60	12
2.	Clinical applications	120	8	60	16
3.	Tutorials	120	4	60	8
4.	Laboratory investigations	90	2	60	3
5.	X-ray Sessions	90	2	60	3
6.	Child health centers vists	240	2	180	3
7.	Library	180	1	60	3
8.	Lectures	50	14	45	15
<b>Total</b>					<b>63</b>

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**PAEDIATRIC TEACHING DURING THE ACADEMIC YEAR**

**A. Teaching to the whole batch during the whole academic year.**

- \* This is 44 weeks
- \* Two days per week
- \* 1 P.M. till 4 p.m.

<b>S.No.</b>	<b>Type of session</b>	<b>Duration of session in Minutes</b>	<b>Number of session</b>	<b>Time/Unit</b>	<b>Teaching units Given</b>
1.	Lectures	45	100	45	100
2.	Lectures	60	48	45	64
3.	Tutorials	60	38	60	38
4.	Problem solving	100	38	60	63
<b>Total</b>					<b>265</b>

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**PEDIATRIC TEACHING DURING THE ACADEMIC YEAR**

**B. Teaching in a Pediatric term**

- \* The term is 15 weeks
- \* 6 days a week
- \* 8 a.m. to 12 mid –day
- \* 10 nights on call from 4 p.m. to 10 p.m.

<b>S.No.</b>	<b>Type of session</b>	<b>Duration of session in Minutes</b>	<b>Number of session</b>	<b>Time/Unit (mins)</b>	<b>Teaching units Given</b>
1.	Clerking	90	24	60	36
2.	Clinical presentation and management	120	44	60	88
3.	Problem solving	180	15	60	45
4.	A/E & clinics	180	15	180	15
5.	Revision topics	60	15	60	15
6.	X-ray meeting	60	15	60	15
7.	Overnight on call	360	10	360	10
<b>Total</b>					<b>224</b>

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**PEDIATRIC TEACHING IN THE REVISION COURSE**

<b>S.No.</b>	<b>Type of session</b>	<b>Duration of session in Minutes</b>	<b>Number of session</b>	<b>Time/Unit</b>	<b>Teaching units Given</b>
1.	Tutorials	90	27	60	40
2.	Clinical presentation & management	90	27	60	40
3.	Problem solving	150	6	60	15
4.	X-ray and lab. Investigations	110	2	60	4
<b>Total</b>					<b>99</b>

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**THE TOTAL PEDIATRIC TEACHING FOR AN UNDERGRADUATE**

<b>S.No.</b>	<b>Type of session</b>	<b>Teaching Units given</b>
1.	History taking & methods of clinical examination 7 clinical application	28
2.	Clerking	36
3.	Clinical presentation & management	128
4.	Problem solving	123
5.	Tutorials	86
6.	Revision topics	15
7.	Lectures	179
8.	X-ray & lab.	25
9.	A/E & Clinics	15
10.	Child Health Centers	3
11.	Library approach	3
12.	Overnight on Duty	10
<b>Total</b>		<b>651</b>

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**PEDIATRIC LECTURE COURSE**

S. No.	Lectures	Units
1.	<b>HEMATOLOGY</b> <ul style="list-style-type: none"> <li>• Iron deficiency anemia</li> <li>• Hemolytic anemia</li> <li>• Purpura</li> <li>• Hemorrhagic disease</li> <li>• Aplastic anemia</li> <li>• Thalassemia</li> <li>• Sickle cell disease</li> </ul>	13
2.	<b>HEPATOLOGY</b> <ul style="list-style-type: none"> <li>• The liver</li> <li>• Viral hepatitis</li> </ul>	3
3.	<b>GENETICS</b> <ul style="list-style-type: none"> <li>• The gene</li> <li>• The chromosome</li> <li>• Inheritance</li> <li>• Chromosomal disease</li> </ul>	8
4.	<b>IMMUNOLOGY</b>	3
5.	<b>ONCOLOGY</b> <ul style="list-style-type: none"> <li>• General principles of treating</li> <li>• Pediatric malignancies</li> <li>• Hematological malignancy in children</li> <li>• Tumours in children</li> </ul>	3
6.	<b>RESPIRATORY</b> <ul style="list-style-type: none"> <li>• Croup &amp; URTI</li> <li>• Acute bronchiolitis</li> <li>• Pneumonia</li> <li>• Tuberculosis</li> <li>• Bronchial asthma</li> <li>• Disease of pleura</li> <li>• Cystic fibrosis</li> <li>• Cong. Anomalies of resp. tract</li> <li>• Tonsillitis</li> <li>• Otitis media</li> </ul>	13
7.	<b>VIROLOGY</b> <ul style="list-style-type: none"> <li>• Measles</li> <li>• German measles</li> <li>• Mumps</li> <li>• Varicella zoster</li> <li>• Herpes</li> <li>• Infectious mononucleosis</li> </ul>	6

<b>S. No.</b>	<b>Lectures</b>	<b>Units</b>
8.	<b>ENDOCRINOLOGY</b> <ul style="list-style-type: none"> <li>• Hypothalamus &amp; pituitary</li> <li>• Thyroid</li> <li>• Para thyroid</li> <li>• Adrenal</li> <li>• Gonad</li> <li>• Diabetes mellitus</li> </ul>	10
9.	<b>COLLAGEN &amp; MUSCULO SKELETAL DISEASES</b> <ul style="list-style-type: none"> <li>• J.R.A.</li> <li>• S.L.E.</li> <li>• Muscular dystrophy</li> <li>• Floppy infant</li> <li>• Cong. Abnormalities</li> </ul>	5
10.	<b>INBORN ERRORS OF METABOLISM</b> <ul style="list-style-type: none"> <li>• Defects in metabolism of amino acids.</li> <li>• Defects in metabolism of carbohydrates</li> <li>• Disorders of mucopolysaccharide of metabolism &amp; disorders of metabolism in lipids.</li> </ul>	3
11.	<b>NEONATOLOGY-I</b> <ul style="list-style-type: none"> <li>• Prematurity</li> <li>• Neonatal infection</li> <li>• Neurological problem of the N.B.</li> <li>• Orthopaedic problem of the N.B.</li> <li>• Gastrointestinal problem of the N.B.</li> <li>• Neonatal emergencies</li> </ul>	11
12.	<b>NEONATOLOGY-II</b> <ul style="list-style-type: none"> <li>• Respiratory</li> <li>• Congenital heart disease</li> <li>• Congenital malformation</li> <li>• Neonatal pharmacology</li> <li>• Antenatal fetal health assessment</li> </ul>	6
13.	<b>CHILD WELFARE</b> <ul style="list-style-type: none"> <li>• Growth &amp; development</li> <li>• Immunization</li> <li>• Social behavior</li> <li>• Nutrition</li> <li>• Nutritional disorders</li> <li>• Health education</li> <li>• Mental retardation</li> <li>• Vital statistics</li> </ul>	14
14.	<b>ACCIDENTS</b> <ul style="list-style-type: none"> <li>• Drowning &amp; near drowning</li> <li>• Kerosene and salicylates</li> <li>• Iron and lead poisoning</li> <li>• Insect, scorpion &amp; snake poisoning</li> </ul>	4
15.	<b>THERAPEUTICS</b>	2



S. No.	Lectures	Units
16.	<b>NEPHROLOGY</b> <ul style="list-style-type: none"> <li>• Anatomy &amp; physiology of the renal tract</li> <li>• U.T.I.</li> <li>• Glomerular disease</li> <li>• Tubular disease of the kidney</li> <li>• Renal failure, acute &amp; chronic</li> <li>• Systemic diseases in relation to kidneys</li> <li>• Enuresis &amp; cong. Malformation</li> </ul>	10
17.	<b>CARDIOLOGY</b> <ul style="list-style-type: none"> <li>• Heart failure</li> <li>• Rheumatic disease &amp; rheumatic fever</li> <li>• Acyanotic CHD</li> <li>• Cyanotic C HD</li> <li>• Myocardial, pericardial cardiomyopathies</li> <li>• Subacute bacterial endocarditis</li> <li>• Hypertenison</li> <li>• Arrhythmia</li> </ul>	10
18.	<b>CNS</b> <ul style="list-style-type: none"> <li>• Convulsive disorder</li> <li>• Meningitis</li> <li>• Poliomyelitis</li> <li>• Cerebral palsy</li> </ul>	7
19.	<b>GASTRO ENTEROLOGY</b> <ul style="list-style-type: none"> <li>• Infantile diarrhea</li> <li>• Fluids &amp; electrolytes</li> <li>• Chronic diarrhea &amp; malabsorption</li> <li>• Congenital gastro intestinal obstruction</li> <li>• Acute abdomen</li> <li>• Helminthiasis</li> <li>• Malaria</li> </ul>	12
20.	<b>BACTERIOLOGY</b> <ul style="list-style-type: none"> <li>• Diphtheria</li> <li>• Tetanus</li> <li>• Enteric fever</li> <li>• Whooping cough</li> <li>• Meningococcal infection</li> </ul>	5
<b>Total</b>		<b>148</b>

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**CLINICAL SESSIONS**

All clinical sessions whether it is clerking, clinical presentation, problem solving etc.. nearly cover the whole pediatric lecture programme putting it to clinical practice.

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**LIST OF BOOKS RECOMMENDED TO THE STUDENTS**

**PRESCRIBED**

1. Nelson essentials of pediatrics (Saunders).
2. Current pediatric diagnosis & treatment Hathaway, Groothins, Hay; and Paisley ( Large Medical Book).
3. Hutchison's Clinical Methods (Michael Swash ) (Tindall).

**HIGHLY RECOMMENDED (Reference book) (Library use).**

1. Nelson textbook of pediatrics
2. Forfar textbook of pediatrics
3. Principle and practice of pediatrics F.A. Oski.
4. Pediatric Nutrition: Theory & practice R. Grand.
5. Community child Health . G. Vimpani & T. Parry
6. Manual of community pediatrics . L. Poinay.

**RECOMMENDED (Reference Book) (Library use).**

1. Care of the Newborn. Craig
2. Textbook on Neonatology. Roberrson
3. Neurological examination of the infant & Newborn . Amid-Tison
4. Textbook of pediatric infectious diseases . Feigin and Cherry
5. Haemtology of infancy & childhood . Nathan and Oski
6. Pediatric Cardiology . T. Baker & D. Mc Namara
7. Pediatric Nephrology . M. Holliday
8. Manual of child development . Lighan, Sundar & Harvay, David.
9. Pediatric clinical Pharmacology . Morselli and Pippenger
10. Medical Genetics for students of medicine. Alan Emery