

SEASON	Fall / Spring
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LECTURE CODE	111014030	LECTURE NAME	Pediatrics Clinical Application
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YEAR	WEEKLY LECTURE HOURS			LECTURE'S		
	Theoretical	Application	Laboratory	ECTS	TYPE	LANGUAGE
1	127	176	-	13	MANDATORY (x) OPTIONAL ()	Turkish
LECTURE CATEGORY						
Basic Science	Basic Engineering		[Add (□) if this requires large designs.]		Social Science	
100						
EVALUATION CRITERIA						
MID-SEASON			Activity Type	Numer	%	
			Written Exam		50	
			Oral Exam		40	
			Bedside Case Exam		5	
			Performance		5	
			Other (.....)			
Excuse/Make-up exam			ESOGÜ Faculty of Medicine proficiency criteria apply.			
BRIEF CONTENTS OF LECTURE			<p>General Pediatrics: History taking, pediatrics and malpractice, liquid and electrolyte treatment, fever, intoxications, viral hepatitis, vomitin differential diagnosis, diseases with rash, vaccination.</p> <p>Endocrinology: Growth and development, follow-up of growth, congenital hypothyroidism, diabetes mellutus, hypoglycemia, congenital adrenal hyperplasia, nutritional rickets, puberty disorders, approach to child with short stature.</p> <p>Hematology: Bleeding diathesis, anemias, newborn jaundice, abdominal masses, blood transfusion reactions, leukemias.</p> <p>Nephrology: Glomerulopathies, nephrotic syndrome, urinary tract infections, acute and chronic renal insufficiency, Henoch-Schönlein purpura-vasculitides, juvenile idiopathic arthritis.</p> <p>Neurology: Approach to seizures, epilepsy, approach to chid with meningitis and differential diagnosis,</p>			

	<p>coma, cerepral palsy, hypotonic infant, pediatric neurology case discussion, approach to macro and microcephaly.</p> <p>Nutrition and Metabolism: Nutrition of the infant, malnutrition, approach to child with acute diarrhea, obesity, inborn errors of metabolism with symptoms at the neonatal age, hyperlipidemia, phenylketonuria, cystic fibrosis.</p> <p>Cardiology: Chest pain, syncope, congestive heart insufficiency, approach to syanotic infant, cardiomyopathies, infective endocarditis prophylaxis, acute rheumatic fever treatment and prophylaxis, congenital heart diseases.</p> <p>Neonatology: Approach to newborn, intestinal obstructions, physical examination of the newborn, newborn care, neonatal sepsis, meningitis, conjunctivitis, neonatal recussitation, high risk newborns, definition of prematurity and approach to the premature newborn, RDS and neonatal respiration problems, intrauterine infections, perinatal asphyxia.</p> <p>Genetics: Chromosomal diseases, single gene diseases (metabolic diseases), genetic consultance for poligenic diseases</p> <p>Pulmonology: URTI, pneumonias, tuberculosis.</p> <p>Allergy: Allergic diseases, asthma, history taking, physical examination, diagnosis and differential diagnosis, ward rounds, case discussing throught the course.</p>
<p>AIMS OF LECTURE</p>	<p>The main aims of this course are, theoretical knowledge of general pediatrics subjects, application of this knowledge on practice with physical examination, evaluation and basic medical approach in children.</p>
<p>LECTURE'S CONTRIBUTION TO PROFESION</p>	<p>After this course, students will learn how the follow-up of healthy children is done, how to do the physical examination in children, and how to approach the problems and the diseases of childhood and their treatments.</p>
<p>EDUCATIONAL RESULTS OF LECTURE</p>	<ol style="list-style-type: none"> 1) Understands the importance of preventive health services in childhood diesases. 2) Understands healthy childs control and follow-up. 3) Understands physical examination methods in children and connects findings and diseases. 4) Identifies common childhood diseases and discusses treatments. 5) Has good communication with children. 6) Can summerize emergency approaches in childhood diseases. 7) Knows the importance of the follow-up of

	<p>children with chronic disease.</p> <p>8) Knows the importance of team work with patients caregiver, colleagues and other health personnel.</p>
MAIN TEXTBOOK	<p>Hasanođlu E, Bideci A, Düşünsel R, Bodurođlu K. Temel Pediatri, Milli Pediatri Derneđi, 2nd Edition</p> <p>Behrman, R.E., Kliegman, R.M. Nelson Essentials of Pediatrics. Philadelphia: Saunders Comp. 8th Edition.</p> <p>Current Pediatric Diagnosis & Treatment. 17th Edition. Appleton Lange, Connecticut.</p>
TOOLS NEEDED FOR THE LECTURE	Computer, Projector