

International School of Medicine / Medicine (English)

2023 - 2024 Academic Year

CHILD HEALTH and DISEASES

Syllabus

Course Description					
Name	Code	Semester	T+A Hour	Credit	ECTS
CHILD HEALTH and DISEASES	ISM3014684	Yearly	41+0	0	3
Prerequisites Courses					
Recommended Elective Courses					
Language of Instruction	English				
Course Level	First Cycle (Bachelor's Degree)				
Course Type	Committee Course				
Course Coordinator	Prof.Dr. Nalan KARABAYIR				
Name of Lecturer(s)	Prof.Dr. Nalan KARABAYIR, Prof.Dr. Seniye Sema ANAK, Assist.Prof. Mustafa ÇİFTÇİ, Assoc.Prof. Yönten YAMAN, Assist.Prof. Hülya BİLGEN, Prof.Dr. Zeynep ATAY, Prof.Dr. Abdullah ERDEM, Prof.Dr. Volkan TUZCU, Prof.Dr. Gökhan BAYSOY, Prof.Dr. Önder YAVAŞCAN, Prof.Dr. İlke ÖZAHİ İPEK, Prof.Dr. Yasemin TOPÇU				
Assistant(s)					
Aim	The broad goal of the teaching of undergraduate students in Paediatrics is to acquire adequate knowledge and appropriate skills for optimally dealing with major health problems of children to ensure their optimal growth and development.				
Course Content	This course contains; Anemi, Growth and Development-1Growth and Development-2Growth and Development-3, History, physical examination and diagnostic methods in hematologic systemBlood transfusionLymphadenopathy and abdominal massSkin rashes in childrenAnemia, Bleeding and coagulopathies, Introduction to Immunology-1Introduction to Immunology-2Hypersensitivity reactions, History and physical examination of allergic system diseases, History, physical examination and diagnostic methods in endocrine diseasesIntroduction to Endocrine System and HypothalamusPosterior Pituitary and Diabetes InsipidusBone Health and Osteoporosis in Children, History, physical examination and diagnostic methods in cardiovascular diseasesCongenital heart diseases Fetal circulationHeart failureECG evaluation in childhoodHistory, physical examination and diagnostic methods in respiratory system diseases-				
Course Learning Outcomes			Teaching Methods	Assessment Methods	
Describes history taking characteristics in children.			16, 9	C	
Defines normal and pathological physical examination findings.			16, 9	C	
Analyzes factors associated with survival.			16, 9	C	
Defines the causes of neonatal jaundice.					
Defines the management principles of neonatal jaundice.					
Defines the characteristics of growth and development physiology.					
Analyzes growth and development problems.					
Describes history and physical examination characteristics in hematological diseases.					
Recognize pathological conditions associated with lymphadenopathy in children.					
Analyzes pathological conditions associated with abdominal masses in children.					
Describes the causes and management of anemia in children.					
Analyzes bleeding and clotting disorders.					
Defines the types of hypersensitivity.					
Describes the history and physical examination characteristics of allergic diseases.					
Describes the characteristics of history taking and physical examination in endocrine diseases.					
Recognize the characteristics of hypothalamic and pituitary diseases.					
List the treatment methods of hypothalamus and pituitary diseases.					
List the conditions that affect bone health in children.					
Analyzes bone health problems in children.					
Describes the symptoms of heart diseases seen in children.					
Describes the findings of neurological system diseases.					
Describes the history and physical examination characteristics of the Digestive System.					
List the causes of hepatosplenomegaly.					
Defines the symptoms of kidney diseases seen in children.					
Describe the characteristics of chromosomal diseases seen in children					
Describes symptoms of autism, attention deficit and enuresis.					
Defines the symptoms of common rheumatological diseases in children.					
Teaching Methods	16: Question - Answer Technique, 9: Lecture Method				
Assessment Methods	C: Multiple-Choice Exam				
Lecture Schedule					
Sequence	Topics	Preliminary Preparation			
1	Anemi				
2	Growth and Development-1Growth and Development-2Growth and Development-3				
3	History, physical examination and diagnostic methods in hematologic systemBlood transfusionLymphadenopathy and abdominal massSkin rashes in childrenAnemia				
4	Bleeding and coagulopathies				
5	Introduction to Immunology-1Introduction to Immunology-2Hypersensitivity reactions				
6	History and physical examination of allergic system diseases				
7	History, physical examination and diagnostic methods in endocrine diseasesIntroduction to Endocrine System and HypothalamusPosterior Pituitary and Diabetes InsipidusBone Health and Osteoporosis in Children				

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Lecture Schedule		
Sequence	Topics	Preliminary Preparation
8	History, physical examination and diagnostic methods in cardiovascular diseases Congenital heart diseases Fetal circulation Heart failure ECG evaluation in childhood History, physical examination and diagnostic methods in respiratory system diseases-	
Evaluation Methods		Weight(%)
Midterm Exam		40
General Exam		60

Resources
Nelson Textbook of Pediatrics Pediatri 1-2, Prof. Dr. Olcay NEYZİ, Prof. Dr. Türkan ERTUĞRUL Çocuk Göğüs Hastalıkları- Prof. Dr. Elif Dağlı, Doç. Dr. Fazilet Karakoç Lecture notes