

Course Title	Paediatrics						
Course Code	MED-508						
Course Type	Required						
Level	Undergraduate						
Year / Semester	Year 5 / Semester 10 (Spring)						
Teacher's Name	Dr Nicolaos Nicolaou						
ECTS	6	Lectures /Week	4	Laboratories / week	0	Clinical Practice	36
Course Purpose and Objectives	<p>The main objectives of the last two years of the six-year medical programme are to provide students with extensive experience in the clinical environment, mainly in hospitals but also in the community, so that they can utilise their learning over the previous four years to practise their clinical, communication, diagnostic and reasoning skills on real patients, and to learn about the management of patients, from a medical, therapeutic, surgical, psychosocial and caring perspective.</p> <p>In this course, students will spend four weeks working primarily with patients with gastrointestinal disorders, including liver and pancreas. They will develop an understanding of the presentation, signs and symptoms, physical examination findings, investigations, diagnosis, treatment (medical and/or surgical as appropriate) and management plan for common gastrointestinal disorders.</p> <p>The students will learn how to take detailed histories from, carry out systematic clinical examination of, and interpret laboratory and imaging data on patients with disorders of the respiratory system and breast. The students will gain a basic understanding of the application and type of information to be obtained from different methods for investigating the gastrointestinal tract. They will also spend time in theatre observing gastrointestinal surgery.</p>						
Learning Outcomes	<p>After completion of the course students are expected to be able to:</p> <ol style="list-style-type: none"> 1. Take a history from a child, or relative/guardian of a child, in a sensitive and caring manner 2. Carry out a sensitive physical examination of the new-born, infant, toddler, child and adolescent as part of investigation of the presenting complaint 3. Assess the adherence of a child to developmental milestones, outlining the different abilities of children at different ages 4. Explain the importance of growth in children and how to use a growth chart. 						

	<ol style="list-style-type: none"> 5. Come up with a differential diagnosis for the presenting complaint 6. Identify appropriate investigations, including blood and urine tests, and imaging, to assist in the diagnosis of the presenting complaint and to interpret the results from such tests 7. Prepare a treatment management plan for the child to present to the responsible clinician to include medical, pharmacological, surgical options as appropriate 8. Observe, and where appropriate carry out or assist with, the following procedures: and other surgical procedures, planned and opportunistic 9. List ways in which the delivery of care might be different for a child compared to an adult and describe how infants and children need different care at different ages. 10. Outline the role of different professionals involved in the delivery of care to children and describe how a team works together to tailor treatment to the individual. 11. Describe the routine immunisation schedule for children. 12. Recognise signs of possible child abuse and outline procedures to be followed in the eventuality of coming across such abuse 13. Recognize when a parent or guardian must give consent on behalf of a child, and when the child is legally able to consent on his/her own 		
Prerequisites	None	Required	None
Course Content	<ul style="list-style-type: none"> • History-taking, examination, communication with children of all ages • Measurement and recording of developmental milestones; growth charts • Normal values in children and how they differ with age • Immunisation schedule for children • Neonatology • Cot deaths • Respiratory conditions in children and adolescents • Heart and cardiovascular disease in children and adolescents • Neurology and development in children of all ages • Urinary tract and nephrology conditions in children and adolescents • Gastro-Intestinal disease in children and adolescents • Metabolic, endocrine and growth in children and adolescents • Immunological, allergic and skin conditions affecting children and adolescents • Common childhood infections • Child psychiatry and aspects of social medicine affecting children • Child abuse • Musculoskeletal and joint problems affecting children and adolescents • Haematology and Oncology conditions affecting children and adolescents • Paediatric surgery • Handicapping conditions of childhood and the services available for their amelioration • Healthcare professionals involved in the care of children of all ages • Consent and Gillick/Fraser competence 		

Teaching Methodology	The course is delivered by clinical placements, lectures, tutorials, case studies and group discussions.				
Bibliography	Required Textbooks / Reading:				
	Title	Author(s)	Publisher	Year	ISBN
	Tom Lissauer, Will Carroll	Illustrated textbook of paediatrics, 6 th ed.	Mosby	2021	9780702081804
	Gill, Denis	Paediatric clinical examination made easy, 6 th ed.	Elsevier	2018	9780702072888
	Kliegman, Robert (ed.)	Nelson textbook of paediatrics, 21 st ed.	Elsevier Saunders	2019	9780323529501
Assessment	Final year exam and final year OSCE				
Language	English				