

Course Title	Paediatrics						
Course Code	MED-508						
Course Type	Required						
Level	Undergraduate						
Year / Semester	Year 5/ Semester 10 (Spring)						
Teacher's Name	Course Lead: Dr Nicolaos Nicolaou						
ECTS	8	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 five weeks working primarily with children of all ages, and their families. They will develop an understanding of the presentation, signs and symptoms, physical examination findings, investigations, diagnosis, treatment (medical, pharmacological and surgical) and management plan for common paediatric illnesses.</p> <p>They will learn to recognize and manage the well and ill infant, child and adolescent, to elicit and interpret findings from history taken from a child or accompanying adult, to acquire sufficient skill to carry out a full physical examination of a child of any age, to interpret laboratory and imaging data, form a differential diagnosis and treatment plan and communicate information appropriately with the child or accompanying adult</p>						
Learning Outcomes	<p>After the completion of the course the students should 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 newborn, 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. 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 						

	<p>8. Observe, and where appropriate carry out or assist with, the following procedures: and other surgical procedures, planned and opportunistic</p> <p>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.</p> <p>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.</p> <p>11. Describe the routine immunisation schedule for children.</p> <p>12. Recognise signs of possible child abuse and outline procedures to be followed in the eventuality of coming across such abuse</p> <p>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</p>		
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 and visits to the community.				
Bibliography	Required Textbooks/Reading:				
	Authors	Title	Publisher	Year	ISBN
	Lissauer, Tom (ed.)	Illustrated textbook of paediatrics	Mosby	2012	9780723435655
	Gill, Denis	Paediatric clinical examination made easy	Churchill Livingstone	2007	9780443103933
	Recommended Textbooks/Reading:				
Authors	Title	Publisher	Year	ISBN	
Kliegman, Robert (ed.)	Nelson textbook of pediatrics 19th ed.	Elsevier Saunders	2011	9781437707557	
Assessment	Final year exam and final year OSCE.				
Language	English				