

CLINICAL CLERKSHIP IN PEDIATRICS

COURSE OUTLINE

LEVEL OF STUDIES	<i>UNDERGRADUATE</i>		
COURSE CODE	CC- Ped	SEMESTER	10 th -11 th
TEACHING ACTIVITIES		WEEKLY TEACHING HOURS	ECTS CREDITS
Practical training		40	14
No of Teaching Hours: 360			
PREREQUISITES	Pediatrics course		
URL	https://elearn.uoc.gr		

LEARNING OUTCOMES

On successful completion of the clinical clerkship, the student will have acquired the necessary knowledge, skills and abilities, and will have gained familiarity of the management of pediatric patients at a basic level of diagnosis and treatment both in the community as well as in the hospital setting.

COURSE CONTENT

- I. Approaching the child and his/her family, history taking from the parents/older child or teenager. History presentation and understanding of the peculiarities of pediatric history taking.
- II. Clinical examination of children of various ages, familiarization with infant patients, assessment of findings.
- III. Familiarization with the psychomotor development in childhood from neonatal age to puberty, ability to assess normal or delayed psychomotor development, use of appropriate screening tests.
- IV. Familiarization with the physiology and pathology of human growth and nutritional disorders.
- V. Familiarization with the child's needs in water, electrolytes and calories, restoration of normal levels in cases of dehydration and undernourishment.
- VI. Performing laboratory tests in children (blood sampling, urinary bladder catheter, suprapubic bladder aspiration, lumbar puncture), intravenous line placement and medical procedures such as vaccination.
- VII. Ability to interpret key laboratory tests and their specificities in relation to the results of similar tests in adults.
- VIII. Familiarization with the specifics of pediatric imaging studies.
- IX. Ability to work out the differential diagnosis on the basis of the symptoms at different ages: the stages from the clinical picture to the diagnosis and treatment of patients such as children who cannot easily express their complaints.
- X. Ability to calculate pediatric pharmacological patterns, familiarization with the management of urgent health problems in children.
- XI. Understanding the indications for the child's referral to hospital.

- XII. Understanding the ethical issues that arise in doctor-patient relationships where the patient has not yet developed personal autonomy and decision-making, as is the case with children.
- XIII. Understanding the social impact on children's health, preventing and monitoring illnesses in children coming from vulnerable social groups.

In the different clinics and units of the pediatric department students will learn different skills: for example, the particularities of pediatric patients with chronic diseases in the Clinic of Pediatric Hematology - Oncology, the management of neonates in the Neonatology Clinic, pediatric resuscitation in the Intensive Care Unit of Children, the follow-up of children with chronic illness in the Outpatient clinic, and pediatric community illnesses in the Emergency Department. These are just a few examples indicative of the complex education the student has to acquire during the pediatric clinical practice.

TEACHING METHOD.	Clinical clerkship – face to face practice with the clinical supervisor and patients
STUDENT ASSESSMENT	<ul style="list-style-type: none"> • Assessment by all educators during the clinical clerkship • Written exam (short questions, multiple choice) • Oral examination with real or hypothetical patients at the end of the clinical clerkship