

1	Title of the subject	<b>PEDIATRICS-CLINICAL PRACTICE</b>			
2	Code	OM 613			
3	Study program	General Medicine			
4	Organizer of the study program (unit, institute, division, department)	Ss. Cyril and Methodius University of Skopje- Medical faculty Division of General Pediatrics			
5	Level of education (first or second cycle)	Integrated cycle			
6	Academic year/semester	sixth(XI or XII semester)	7.	Number EKTS of credi t points	6
8	Teacher	Chairman of the Pediatrics Division Prof. Dr. Kata Martinova *The classes are conducted by all the members of the Pediatrics division			
9	Enrollment requirements	Credit points gained(passed exam) in Pediatrics			
10	<b>Objectives of the program :</b> <b>Familiarization with the diagnostic and therapeutic procedures in the field of clinical pediatrics</b>				

1 **Contents of the program :**

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1. Admission of a sick child in the hospital
2. Particularities in the taking of the patient's medical history according to the department
3. Particularities of the physical exam according to the department :
  - Hematology
  - Oncology
  - Cardiology
  - Endocrinology
  - Pulmology
  - Immunology
  - Gastroenterology
  - Neurology
  - Metabolism
  - Neonatology
  - Nephrology
  - Intensive care
4. Creating of algorithms for diagnostic procedures, work diagnosis and therapy plan in various clinical cases
5. Participation in the clinical work at the department
  - urine analyses
  - complete blood count and blood smear
  - pre-transfusion testing with a legal documentation
  - insertion of a urine catheter
  - ECG (technique and analyses)
  - cardio-pulmonary resuscitation
  - interpretation of a chest x-ray
  - injections (subcutaneous, intramuscular, intravenous)
6. To attend and to participate in the following procedures :
  - Blood and bone marrow smear
  - pleural puncture
  - abdominal puncture
  - insertion of a gastric tube and gastric lavage
  - insertion of central venous catheter
  - measurement of central venous pressure
  - continuous measurement of blood glucose
  - continuous measurement of blood pressure (Holter)
  - Measurement of blood glucose with glucometer
  - gastroscopy, endotracheal intubation
  - artificial ventilation
  - peritoneal dialysis

	The clinical practice will be held over three working weeks, with full time working hours (eight hours a day). Four cycles will be held during the XI and XII semester. Cycle rotations between the wards are organized and the mentors will shift. The student's everyday activities will be noted in a designated "activity diary", which will be verified by the mentors signature.		
12.	<b>Learning methods:</b> <ul style="list-style-type: none"> <li>• Participation in the grand rounds of the Clinic</li> <li>• Participation in the everyday work of the Pediatric departments</li> <li>• Participation in the procedures form the field of pediatrics</li> </ul>		
13.	Total available amount of hours	180 hours	
14.	Distribution of the available hours	120 hours of exercises 60 hours of home learning	
15.	Types of educational activities	15.1	Exercises(laboratory, clinical), seminars, team work
16.	Other forms of activities	16.1	Home learning
17.	Method of evaluation		бодови
	17.1	The student is obliged to attend and actively participate in the clinical practice during three weeks , 15 working days for hours min. max. Clinical practice score-attendance 33 points, participation (skills) 34 points	
18.	Criteria for evaluation (points/score)	The student must achieve a minimum score of 60 points The scoring is descriptive (passed).	
19.	Criteria for completing the seminar and obtaining the right to a final exam	<b>Conditional criteria:</b> To obtain the right to a final exam and score the minimum amount of points necessary for passing of the pediatrics exam , the student is obliged to attend the clinical practice and must master all the skills and activities which are planned in the subject program	
20.	Language on which the education is conducted	Macedonian	
21.	Methods for evaluating the quality of the education	Anonymous evaluation by the students of the subject, the teachers and the collaborators who participate in the education	

22.	Literature				
22.1	Mandatory literature				
	No	Author	Title	Publisher	Year
	1	<u>R. Kliegman, B. Stanton, J. St. Geme, N. Schor, R. Behrman</u>	Nelson Textbook of Pediatrics, 19th edition	Elsevier Health Sciences	2011
	2	Dushko Mardeshich	Pediatrics	School book, Zagreb	2003
		T.Lissauer, G. Clayden	Illustrated Textbook of Pediatrics	Mosby Elsevier	2011
3	Kuzmanovska D. Grujovska S.	Physical Diagnosis in Pediatrics	Medical Faculty, USCM	2011	