

1.	Subject	<b>CLINICAL INVESTIGATION 1 AND 2</b>
2.	Code	OM 314
3.	Study Program	General medicine
4.	Institution (Unit, Institute, Chair, Department)	Ss Cyril and Methodius University, Medical Faculty, Department of Anatomy
5.	Degree of education (first or second cycle)	Integrated 6-year study

6.	Study year/semester	Third (III)/ Fifth (V) and Sixth (VI)	7.Number of credits	6+7
8.	Responsible teacher	Cheaf of Department of Surgery - Doc. d-r Boro Dzonov, Cheaf of Department of Peditacs - Prof. d-r Kata Martinova and Cheaf of Department of Internal medicina – Prof. d-r Kata Martinova		
9.	Preconditions	<p><b>For Clinical trial 1:</b></p> <p>Obtained credits (passed exams) of Anatomy 3, Physiology 1, Pathophysiology 1, signature of Physiology 2 and Microbiologu iwth Parasitology1</p> <p><b>For Clinical trial 2:</b></p> <p>Obtained credits (passed exams) of Biochemistry 1, Physiology 2, signature of Pathology 1, Pathophysiology 2 and Clinial trial 1</p>		
10.	<p><b>Teaching goals:</b></p> <ul style="list-style-type: none"> <li>Acquiring theoretical knowledge and skills in the examination of the patient and further examination in Clinical medicine</li> </ul>			

11.	<p><b>Brief content:</b></p> <p><b>Theoretical teaching:</b></p> <ul style="list-style-type: none"> <li>• History (patient interrogation) in children and adults</li> <li>• General status in children and adults</li> <li>• Symptoms and signs of disease following the organic the systems</li> <li>• Principles review of systems</li> <li>• Special examinations of systems</li> </ul> <p><b>Practical teaching:</b></p> <ul style="list-style-type: none"> <li>• Practical application of theoretical knowledge</li> </ul>			
12.	<p><b>Methods of studying:</b></p> <ul style="list-style-type: none"> <li>• Interactive theoretical teaching, active work with patients</li> </ul> <p><b>Knowledge and understanding:</b></p> <p>Student will acquire the theoretical and practice knowledge in the field of Clinical Investigation to admission of patients in hospital setting, as well as the characteristics of clinical investigation on each department. He will be introduced with the procedures for setting up a working diagnosis, and treatment plan of individual clinical cases.</p> <p><b>Crucial Skills:</b></p> <p>The student will acquire the skills to master the methods and techniques for examination of patient and proper interpretation and other „paraclinical findings”</p>			
13.	Total available time:	100+115 hours classes		
14.	Organization of the course	Theoretical teaching: 90 hours/classes Practical teaching: 125 hours/classes		
15.	Forms of teaching activities	15.1	Theoretical course	90 / classes

		15.2	Practical course, Seminars Team building	Practical: 125 classes																				
16.	Other forms of activities	16.1	Practice	/ classes																				
		16.2	Individual tasks	interactive theoretical teaching, active work with patients																				
		16.3	Individual (home) learning	/ classes																				
17.	<p><b>Method of assessment</b></p> <p>The student is obligated to attend and to be included in the monitoring of all activities to get signet.</p> <p>Scoring of student activities</p> <table border="1"> <thead> <tr> <th rowspan="2">Type of activity</th> <th colspan="2">Points</th> </tr> <tr> <th>Min</th> <th>Mah</th> </tr> </thead> <tbody> <tr> <td>Theoretical teaching</td> <td>1</td> <td>5</td> </tr> <tr> <td>Practical teaching</td> <td>12</td> <td>16</td> </tr> <tr> <td>Final Exam - written</td> <td>9</td> <td>15</td> </tr> <tr> <td>Final exam – written + oral</td> <td>38</td> <td>64</td> </tr> <tr> <td><b>Total</b></td> <td><b>60</b></td> <td><b>100</b></td> </tr> </tbody> </table>				Type of activity	Points		Min	Mah	Theoretical teaching	1	5	Practical teaching	12	16	Final Exam - written	9	15	Final exam – written + oral	38	64	<b>Total</b>	<b>60</b>	<b>100</b>
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	<p>*Presence Theory</p> <p>51% - 60% - 2 points</p> <p>61% - 70% - 4 points</p> <p>71% - 80% - 6 points</p> <p>81% - 90% - 8 points</p> <p>91% - 1000% - 10 points</p> <p>**Practical teaching: each practical work with patients brings 0.4 points (128 exercises)</p> <p>Presence – 0.5 points</p> <p>To be active in the practical teaching – 0.3 points</p>	
18.	Grading criteria (points / grade)	Assessment of the overall exam is obtained according to the table estimates, based on the sum of the scores obtained from all activities and points of each part of the final exam
19.	Requirement for signature and taking the final exam	<p>The student is obligated to attend and to be included in the monitoring of all activities to get signet.</p> <p>To accede to the final exam the student should obtain a minimum score of theoretical and practical training</p> <ul style="list-style-type: none"> <li>• <b>Final exam:</b> Written (test) + practical + oral <ol style="list-style-type: none"> <li>1. Written part (test) : 9 – 15 points</li> <li>2. Practical part: practical performance review 3 systems: 20-34 points</li> <li>3. Oral part: theoretical discussion of specific topics: 18-30 points</li> </ol> </li> </ul>
20.	Language of instruction	Macedonian
21.	Method of monitoring the quality of teaching process	Student anonymous evaluation of the subject, the teachers and collaborators participating in the teaching
22.	<p>Textbooks</p> <ul style="list-style-type: none"> <li>• Basic: Authorized teaching of Chairs.</li> </ul>	