

Study program: Integrated academic studies in medicine			
Type and level of the study program: integrated academic studies			
Course title: Clinical propedeutics (M3-CLPR)			
Teacher: Đorđe K. Považan, Nevena G. Sečen, Vesna S. Kuruc, Stevan L. Popović, Milica K. Medić Stojanoska, Edit J. Stokić, Dragan S. Tešić, Katica P. Pavlović, Gordana Z. Panić, Slobodan S. Dodić, Dejan B. Sakač, Robert J. Jung, Igor M. Mitić, Branislav M. Perin, Mirna D. Đurić, Biljana S. Zvezdin, Dragan R. Kovačević, Dragomir D. Damjanov, Jasna D. Trifunović, Tatjana N. Đurđević Mirković, Tatjana A. Ilić, Aleksandar D. Savić, Nada B. Čemerlić Adić, Jadranka V. Dejanović, Igor Đ. Ivanov, Zora Ž. Pavlović Popović, Ivan Š. Kopitović, Svetlana B. Kašiković Lečić, Lada V. Petrović, Dušan Đ. Božić, Dejan M. Čelić, Milena M. Mitrović, Dragana D. Tomić Naglič, Ivana M. Urošević, Anastazija Đ. Stojšić Milosavljević, Milovan S. Petrović, Dušanka S. Obradović, Radmila G. Jovanović, Svetlana I. Vojvodić, Ivan V. Nikolić, Tijana S. Ičin, Jovanka M. Novaković Paro, Radoslav D. Pejin, Ivana A. Bajkin, Violeta V. Knežević, Biljana M. Milić, Milica S. Popović, Željka S. Savić, Olgica M. Latinović Bošnjak, Ivana D. Milošević, Ivanka Z. Perčić, Miroslav P. Ilić, Bojan M. Zarić, Daliborka S. Bursać, Marija N. Vukoja, Biljana Joveš, Vladimir M. Ivanović, Zorana P. Budakov Obradović, Jasmina N. Grujić			
Course status: compulsory			
ECTS Credits: 10			
Condition: Introduction to clinical practice II			
Course aim Acquiring theoretical and practical knowledge in the field of clinical propedeutics and competence of applying this knowledge in professional and scientific work. Developing critical thinking and teamwork.			
Expected outcome of the course: Acquiring theoretical and practical knowledge on disorders in breathing, circulation and cardiac rhythm; characteristics of hematological, gastroenterological, endocrine and nephrology diseases. Students will be able to identify the disease and to apply procedures for immediate treatment of vitally endangered patients, to establish diagnosis and design and implement the appropriate therapeutic procedures. Skills necessary for everyday clinical practice, clinical examination and obtaining medical history.			
Course description <i>Theoretical education</i> 1. Introduction to propedeutics. Causes, symptoms and manifestation of diseases. Pain assessment. 2. Obtaining patient history. 3. Physical examination. 4. Vital signs. 5. General examination. 6. Skin examination. 7. History taking and physical examination of the head and neck. 8. Special medical history of respiratory diseases. 9. General diagnosis of respiratory tract diseases, inspection and palpation. 10. Percussion.11. Auscultation. 12. Special disagnostics of respiratory diseases. 13. Etiology of cardiovascular disease and blood vessel disorders. 14. Physical examination of the cardiovascular system – pericardium and pulse. 15. Physical examination of the cardiovascular system – auscultation, heart rhythm. 16. Physical examination of the heart – auscultation. 17. ECG - normal finding. 18. Examination of arteries and veins of lower limbs. 19. Anamnesis of gastrointestinal tract diseases. 20. Examination of the abdomen – topography(normal and pathological finding). 21. Examination of the abdomen – palpitation, digitorectal examination (normal and pathological finding). 22. Examination of the abdomen – percussion and ascultation (normal and pathological finding). 23. Examination of the abdomen – liver (normal and pathological finding). 24. Examination of kidneys and urinary tract – anamnesis, palpitation, sucussion (normal and pathological finding). 25. Examination of the spleen (normal and pathological finding). 26. Examination of the lyphatic system (normal and pathological finding). 27. Examination of extremities and musculoskeletal system. 28. Propedeutics of the genital tract – secondary sexual characteristics, examination of genitalia (normal and pathological finding). 29. Examination of breasts. 30. General neurological examination – anamnesis, reflexes, cranial nerves (normal and pathological finding) <i>Practical education: exercises, other forms of education, research related activities</i> 1. History taking. 2. Vital signs examination (tmperature and pulse taking, blood pressure, respiration, pain assessment). 3. General examination. 4. Examination of the head and neck (normal and pathological finding). 5. Examination of the thorax and lungs – anamnesis, topography, palpation, percussion and ascultation (normal and pathological finding). 6. Examination of heart and blood vessels- anamnesis, ascultation, pulse palpitation, ECG (normal and pathological finding). 7. Examination of the abdomen and abdominal organs – anamnesis, palpitation, percussion, liver examination, digitorectal examination (normal and pathological finding). 8. Examination of kidneys and urinary tract – anamnesis, palpitation, sucussion (normal and pathological finding). 9. Examination of the spleen and lymph nodes – anamnesis, palpitation, percussion (normal and pathological finding). 10. Examination of genitalia and breasts – anamnesis and physical examination. 11. Examination of extremities – anamnesis and physical examination			
Literature <i>Compulsory</i> 1. Clinical Examination: A Systematic Guide to Physical Diagnosis, 7th Edition, 2013 2. Lecture handouts and notes			
Number of active classes			Other:
Lectures: 30	Practice: 90	Other types of teaching: Research related activities:	
Teaching methods: lectures, clinical practical work			
Student activity assessment (maximally 100 points)			
Pre-exam activities	points	Final exam	points
Lectures	10	Written	20
Practices	20	Oral	50
Colloquium		
Essay			