

<b>Study program:</b> Integrated Academic Studies in Medicine
<b>Course title:</b> Clinical Propedeutics
<b>Teacher:</b> Bajkin A. Ivana, Vukoja N. Marija, Dejanović V. Jadranka, Zarić M. Bojan, Zvezdin S. Biljana, Ivanov Đ. Igor, Ivanović M. Vladimir, Ilić A. Tatjana, Ilić M. Aleksandra, Ilić Miroslav, Ičin S. Tijana, Kašiković Lečić B. Svetlana, Knežević V. Violeta, Kovačević V. Dragan, Kolarov Bjelobrck N. Ivana, Kolarov P. Violeta, Kopitović Š. Ivan, Medić Stojanoska K. Milica, Miljković R. Tatjana, Mitić M. Igor, Nikolić V. Ivan, Obradović S. Dušanka, Pejin D. Radoslav, Perčić Z. Ivanka, Petrović S. Milovan, Popović S. Đorđe, Popović S. Milica, Savić D. Aleksandar, Savić S. Željka, Sakač B. Dejan, Sekulić R. Borivoj, Sečen G. Nevena, Stojšić Milosavljević Đ. Anastazija, Stokić J. Edita, Stražmešter Majstorović B. Gordana, Tadić J. Snežana, Tomić Naglič D. Dragana, Čelić M. Dejan, Urošević M. Ivana, Čemerlić Adić B. Nada, Šarčev V. Tatjana
<b>Course status:</b> compulsory
<b>ECTS Credits:</b> 7
<b>Condition:</b> Introduction to Clinical Practice; Anatomy; Physiology (exam)
<b>Course aim</b> The main objective of education in Clinical Propedeutics in integrated studies of medicine is mastering the techniques of taking a history and conducting a physical examination and application of acquired knowledge in the professional, clinical work and scientific research. The goal is to master the approach to patients, mastering the techniques of clinical examination, development of critical thinking skills and teamwork.
<b>Expected outcome of the course:</b> Students will gain knowledge about the techniques of taking history and physical examination. They will learn to recognize the normal and the finding of a variety of disorders of the morphology and function of organs and organ systems, ie to vary within normal limits of the underlying pathology. Students will master the techniques of history taking and physical examination methods, patients learn to perform them on the basis of anamnestic conclusion or set up a working diagnosis.
<b>Course description</b> <i>Theoretical education</i> Theoretical education 1. Introduction to propedeutics. Causes, symptoms and signs of disease. Access to the patient. Testing of pain. 2. A history. 3. Physical examination. 4. Vital signs. 5. General inspection. 6. Skin examination. 7. History and physical examination of the head and neck. 8. History of respiratory diseases. 9. Examination of the chest-thorax topography, inspection and palpation. 10. Percussion of the chest (normal and abnormal findings). 11. Auscultation of the chest (normal and abnormal findings). 12. Special diagnosis of respiratory disease. 13. History of the cardiovascular system. 14. Physical examination of the heart and blood vessels: precordial inspection, palpation of the pulse. 15. Physical examination of the heart and blood vessels: auscultation of heart sounds and cardiac rhythm. 16. Physical examination of the heart: cardiac mirmurs auscultation. 17. Interpretation of ECG recordings - normal results. 18. Overview of the arteries and veins of the lower extremities. 19. A history of gastrointestinal system. 20. Physical examination of the abdomen: topography, inspection (normal and abnormal findings). 21. Physical examination of the abdomen: superficial and deep palpation, digital rectal examination (normal and abnormal findings). 22. Physical examination of the abdomen: percussion and auscultation (normal and abnormal findings). 23. Physical examination of the abdomen: a review of the liver (normal and abnormal findings). 24. Physical examination of the kidneys and urinary system: history, inspection, palpation, succussion (normal and abnormal findings). 25. Examination of the spleen (normal and abnormal findings). 26 Overview of the lymphatic system (normal and abnormal findings). 27. Examination of the limbs and musculoskeletal system. 28 Propaedeutics genital tract: secondary sexual characteristics, review of the genitals (normal and abnormal findings). 29. Review of the breast. 30. The general neurological examination: medical history, test reflexes, examination of the cranial nerves (normal and abnormal findings).  <i>Practical education</i> 1. History taking. 2. Vital signs examination (temperature 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 auscultation (normal and pathological finding). 6. Examination of heart and blood vessels- anamnesis, auscultation, pulse palpation, ECG (normal and pathological finding). 7. Examination of the abdomen and abdominal organs – anamnesis, palpation, percussion, liver examination, digitorectal examination (normal and pathological finding). 8. Examination of kidneys and urinary tract – anamnesis, palpation, succussion (normal and pathological finding). 9. Examination of the spleen and lymph nodes – anamnesis, palpation, percussion (normal and pathological finding). 10. Examination of genitalia and breasts – anamnesis and physical examination. 11. Examination of extremities – anamnesis and physical examination

**Literature***Compulsory*

1. Clinical Examination: A Systematic Guide to Physical Diagnosis, 7th Edition, 2013
2. Lecture handouts and notes

<b>Number of active classes</b>	<b>Theoretical classes: 30</b>	<b>Practical classes: 90</b> <b>Other classes: 30</b>
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**Teaching methods:** Lectures and practical work

**Student activity assessment** (maximally 100 points)

<b>Pre-exam activities</b>	<b>points</b>	<b>Final exam</b>	<b>points</b>
Lectures	10	Written	
Practices	20	Oral	70
Colloquium			
Essay			