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| Syllabus of discipline«Modern clinical methods of study functional systems of the human body» |
| **Lecturer**: Valery ChernoProfessor, Doctor of Medicine, Head of the Department of Anatomy, Clinical Anatomy, Pathomorphology and Forensic Medicine Medical Institute of Petro Mohyla Black Sea National University. |  | **Amount:** 3 ECTS credits (90 hours). **The purpose of the discipline** - to acquaint students with the technical capabilities of instrumental methods of studying the structure of organs of functional systems in clinical medical practice. **Originality of the discipline:** author's course. ***The content of the discipline:***Topic 1. Modern clinical methods of studying the structural organization of the human cardiovascular system; Topic 2. Modern clinical methods of studying the structural organization of the digestive system; Topic 3. Modern clinical methods of studying the structural organization of the respiratory system; Topic 4. Modern clinical methods of studying the structural organization of the pelvic organs; Topic 5. Minor invasive thoracic-abdominal surgery; Topic 6. Modern clinical methods of studying the structural organization used in dentistry; Topic 7. Modern clinical methods of studying structural organization in neurosurgery. |
| **Expected learning outcomes** As a result of studying the discipline, students have: ***know*** - The main technical characteristics and technologies of application of organs of functional systems of the human body; the place of instrumental methods in modern medicine; medical fields and pathological conditions in which modern diagnostic equipment is used. ***вe able to -*** choose and form a list of additional and instrumental methods for studying the structure of organs of functional systems of the human body; evaluate the disadvantages and advantages of modern diagnostic equipment in various fields of medicine. |  |
| **Prerequisites** The syllabus of this selective discipline is based on knowledge of the normal anatomy of the organs of the functional systems of the human body. **Details** Students must form a basic understanding of the specifics of the technical capabilities of modern instrumental technologies for diagnosing diseases of functional systems of the human body; be aware of their combinations and combinations with other diagnostic techniques. |  | **Criteria for evaluating independent work** To master the theoretical foundations of the discipline, students should prepare a presentation on: "Modern clinical methods of studying the functional systems of the human body." Two aspects play an important role: 1) oral defense of the presentation at the seminar - speech and answers to questions. (40% of the assessment); 2) completeness of disclosure of material in the presentation in compliance with the requirements for the structure of work (60% of the assessment). **Criteria for evaluating the control work** It is based on the determination of residual knowledge after mastering the elective discipline of choice. It includes 3 components: 1) test tasks; 2) Solving educational clinical problems; 3) Presentation "Modern clinical methods of study functional systems of the human body " |
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| **Semester control:** Credit **Evaluation:** For the semester: 120 points For credit: 80 points**Types of work**Independent work (Presentation) - 40 points. Final control work (testing) - 40 points. Survey in group classes - 40 points (4x10). |  |
| **Technical support**Projection multimedia equipment (projector, screen, laptop / computer). Internet access, Wi-Fi access point. Moodle e-learning system 3.9. |  |
| **Deadline policy** The works are presented in a certain study schedule, the term - according to the schedule for a certain week. **Academic Integrity Policy** Provides independent performance of the provided works and tasks. Write-off during the offset (including using mobile devices) is prohibited. In case of detection of plagiarism or write-off of work are not credited. |  |
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