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| Syllabus of discipline  «Modern clinical methods of study functional systems of the human body» | | |
| **Lecturer**: Valery Cherno  Professor, 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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