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| Syllabus of discipline  « Modern issues of anatomy in various fields of surgery » | | |
| **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 -** is to deepen the theoretical knowledge of the clinical anatomy of the functional systems of the human body and to improve the practical skills of applying the techniques of small invasive surgery. Originality of the discipline: author's course.  The content of the discipline  Topic 1. Clinical anatomy of the sinuses of the dura mater. Modern methods of neurosurgery;  Topic 2. Clinical anatomy of brain structure. Modern neurosurgical methods of diagnosis and treatment;  Topic 3. Clinical anatomy of the deep part of the face;  Topic 4. Clinical anatomy and operative surgery of the neck and neck;  Topic 5. Clinical anatomy and operative lung surgery. Modern methods of diagnosis and treatment in thoracic surgery;  Topic 6. Clinical anatomy of the heart. Methods of treatment. Modern cardiac surgery; Topic 7. Clinical anatomy and operative surgery of the abdominal cavity. Modern small invasive surgery.  Topic 8. Clinical anatomy and operative surgery of the vessels of the extremities. Modern methods of treatment and diagnosis of vascular surgery. |
| **Expected learning outcomes**  As a result of studying the discipline, students have:  ***know*** - the theoretical foundations of the state of clinical anatomy in modern surgery; the importance of morphological research in the development of various branches of surgery; features of topographic and anatomical relationships in the structural organization of organs of functional systems depending on the type of human body structure; modern methods of correction and treatment of congenital malformations; current state of small invasive surgery.  ***to be able*** - to be guided in the basic modern questions of development of clinical anatomy; analyze the possibilities of clinical anatomy for the development of surgery; assess the prospects of surgical tactics in terms of pronounced individual anatomical variability and congenital malformations. |  |
| **Prerequisites**  The elective course is based on fundamental knowledge of anatomy and mastered topics of clinical anatomy and operative surgery.  **Details**  Students should form a basic prognostic understanding of the choice of surgical tactics in complex clinical cases involving individual anatomical variability; to predict close and distant complications and prospects of development of modern directions of surgery. |  | **Criteria for evaluating independent work**  To master the theoretical foundations of the discipline, students must prepare a presentation on a given topic. The main criteria for the evaluation of independent work are: in the foreground oral presentation (40% of the assessment), and an important aspect will be the completeness of the disclosure of the presented material (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**  3D anatomical table.  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. |  |