

PRIVATE HIGHER EDUCATIONAL INSTITUTION
"INTERNATIONAL ACADEMY OF ECOLOGY AND MEDICINE"
Department of Surgical Diseases with the course of Obstetrics and
Gynecology and the course of Pediatrics and Children's Infectious Diseases

SYLLABUS
EDUCATIONAL DISCIPLINE

" Clinical anatomy and operative surgery"

LEVEL OF HIGHER EDUCATION Second (master's) level

DEGREE OF HIGHER EDUCATION Master

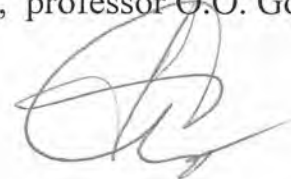
FIELD OF KNOWLEDGE 22 Healthcare

SPECIALTY 221 Dentistry

Considered and approved at the meeting of the
Department of Surgical Diseases with the course of Obstetrics and Gynecology
and the course of Pediatrics and Children's Infectious Diseases

Protocol № 1 from "01" September 2020

Doc.Med.Sc., professor O.O. Goncharuk



Kyiv 2020

1. general information			
Subjects	Clinical anatomy and operative surgery		
Teacher (s)	Belicenko I.S.		
Teacher's contact phone number	+38(098)538- 10-90		
Teacher's e-mail	lgorbelicenko64@gmail.com		
Discipline format	Normative discipline		
The scope of discipline	90		
Link to the distance learning site			
Consultations	During the semesters in accordance with graphics		
2. Discipline abstract			
<p>Discipline "Clinical anatomy and Operational Surgery" is based on the study of human anatomy, Latin language and medical terminology, Ukrainian language (by professional orientation) and lays the foundations for studying students of pathomorphology, general surgery, propaedeutics of internal medicine, propaedeutics of pediatrica.</p> <p>The subject of studying discipline is clinical anatomy - a branch of medical knowledge, science that studies the structure, shape and interconnection of organs and tissues in different parts of the human body. Operative surgery - science of surgical operations, methods (methods) of surgical interventions, the essence of which consists in mechanical influence on organs and tissues with diagnostic, medical or other purpose.</p>			
3. The purpose and objectives of the discipline			
<i>The purpose of studying the discipline " Clinical anatomy and operative surgery ":</i>			
<p>The purpose of studying the discipline "Clinical and Operational Anatomy":</p> <ul style="list-style-type: none"> <input type="checkbox"/> Formation of a holistic representation of the structure, form, mutual placement of organs in separate parts of the human body and understanding of the principles, methods and techniques of surgical interventions and providing specific knowledge of the structure of the human body, which form the basis for topographic anatomical justification for the diagnosis, selecting optimal operational accesses and operational techniques, assimilation of surgical intervention techniques. <input type="checkbox"/> Formation of the knowledge system of professional skills and practical skills that form the basis of the future professional activity of the doctor <input type="checkbox"/> Study of topographic anatomy of human body parts 			
4. Learning outcomes (competencies)			
As a result of studying the discipline " Clinical anatomy and operative surgery "			
KNOW:			
<ul style="list-style-type: none"> • Topographic-anatomical relationships of human organs and systems, • Topography and Sintopia of Human organs • Age features of clinical anatomy of the body and surgical anatomy of congenital defects 			
ABLE TO:			
<ul style="list-style-type: none"> • Identify modern surgical instruments • Demonstrate the possession of the technique of performing basic surgical interventions on muds, • Demonstrate the technique of primary surgical treatment of wounds on muds, simulators and experimental animalsbases; 			
5. Organization of the study of the discipline			
<i>The volume of the course</i>			
<i>Type of lesson</i>	<i>Total number of hours</i>	90	
Lectures		10	
Seminars		30	
Independent work		50	
<i>Signs of the course</i>			
Semester	Specialty	Course (year of study)	Normative / selective

III	221 Dentistry	2	Normative			
<i>Course topics</i>						
Theme, plan	Form of employment	literature	Tasks, hours	Estimation weight	Deadline	
<i>Significant module 1. Introduction to topographic anatomy and operational surgery. Topographic anatomy and operational surgery of the head, neck.</i>						
Topic 1. Introduction to operational surgery and topographic anatomy. Classification of despite; Types of surgical interventions. Principles of operations. Surgical toolkit.	practical 1	1- 9, 14,18	2 hours	5,3	According to the schedule	
Topic 2. Disconnecting and connecting tissues. Primary surgical technique.	practical 1	1- 9,12, 16	2 hours	5,3	According to the schedule	
Topic 3. Topographic anatomy and operational surgery of the craniocerebral sections of the chairman. Topographic anatomy and operational surgery of the skull cavity.	practical 1	1-22	2 hours	5,3	According to the schedule	
Topic 4. Topographic anatomy of the face. An eyeglass, nose. Operations in purulent processes of face.	practical 1	1- 16,19	2 hours	5,3	According to the schedule	
Topic 5. Topographic anatomy of the neck organs (larynx, pharynx, esophagus, thyroid gland). Operations on the neck organs. Tracheotomy. Bar and dressing of external and general carotid arteries.	practical 1	1-22	2 hours	5,3	According to the schedule	
<i>Point module 2. Topographic anatomy and operational surgery of areas and chest and abdominal organs, lumbar plot, pelvis.</i>						
Topic 6. Topographic anatomy and operative surgery of thorax walls, breast glands, pleura and lungs.	practical 1	1-10, 18,17	2 hours	5,3	According to the schedule	
Topic 7. Topographic anatomy and operational surgery of the anterior and posterior mediastinum.	practical 1		2 hours	5,3	According to the schedule	
Topic 8. Topographic anatomy and operative surgery of the anterior side of the abdomen. Surgical anatomy and operative treatment of the hernia of the anterior abdominal wall.	practical 1	1- 12,19	2 hours	5,3	According to the schedule	

Topic 9. Topographic anatomy of peritoneum and organs of the upper floor of the abdominal cavity. Operations on the stomach (gastrostomy, resection of the stomach, gastroenterostomy). Operations on the liver, gall bladder, biliary tract, pancreas.	practica 1	1-22	2 hours	5,3	According to the schedule
Topic 10. Topographic anatomy of the organs of the lower floor of the abdominal cavity. Operations on the organs of the abdominal cavity: intestinal seams. Resection of guts. Removing the appendix. Operations on the colon.	practica 1	1-15,17,20	2 hours	5,3	According to the schedule
Topic 11. Topographic anatomy and operative surgery of the lumbar area and retroperitoneal space. Basics of transplantology.	practica 1		2 hours	5,3	According to the schedule
Topic 12. Topographic anatomy and operational surgery of the walls of the pelvis, floors, vessels and nerves, tensional spaces. Topographic anatomy and operational surgery of the pelvic organs.	practica 1	1-22	2 hours	5,3	According to the schedule
Content module 3. Topographic anatomy and operational surgery of the limbs.					
Topic 13. Topographic anatomy and operative surgery of the upper limb: the term, shoulder, elbow fossa, the anterior and rear sections of the forearm, brush. Topographic anatomy and operative surgery of the lower extremity: the sciatic area, anterior area of the thigh, knee joint, the back of the hip, a popliteal fossa, front and back of the shin, a foot.	practica 1	1-22	2 hours	5,3	According to the schedule
Topic 14. Operations on the upper and lower limbs: vessel dressing; vascular seam; operations with panarias; tendereginites; Venepuncture; Venepuncture; intramuscular injections; Discussions of abscesses. Principles of operations on bones (amputation and exarticulation, resection of joints).	practica 1	1-10,12	2 hours	5,3	According to the schedule
Topic 15. Score class				80	According to the schedule
6. Course evaluation system					
General course evaluation system					
Current control is based on the control of theoretical knowledge, skills and abilities in practical classes. The student's independent work is assessed in practical classes and is part of the final assessment of the					

student. Current control is carried out during classes and aims to verify the assimilation of students' learning material. Forms of current control are:

- a) test tasks with the choice of one correct answer, with the definition of the correct sequence of actions, with the definition of compliance;
- b) individual oral examination, interview;
- c) solving typical situational problems;
- d) control of practical skills;
- e) solving typical tasks of diagnosis, medical care, medical evacuation, treatment and prevention.

Grades in the national scale ("excellent" - 5, "good" - 4, "satisfactory" - 3, "unsatisfactory" - 2), received by students, are displayed in the journals of attendance and academic group performance.

Final control of learning success is carried out in the form of diff. credit (oral and test tasks).

The maximum number of points that a student can score for current educational activities for admission to the PC is 120 points.

The minimum number of points that a student must score for the current academic activity for admission to the exam is 72 points. The calculation of the number of points is based on the grades obtained by the student on the traditional (national) scale during the study of the discipline during the semester, by calculating the arithmetic mean (CA), rounded to two decimal places.

Assessment of students' independent work. Students' independent work, which is provided by the topic of the lesson along with the classroom work, is assessed during the current control of the topic in the relevant lesson. Assimilation of topics that are submitted only for independent work is checked during the final module control.

Table 1. Conversion of the average grade for current activities in a multi-point scale (for disciplines that end with an exam (differentiated credit))

4-point scale	120-point scale	4-point scale	120-point scale	4-point scale	120-point scale	4-point scale	120-point scale
5	120	4,45	107	3,91	94	3,37	81
4,95	119	4,41	106	3,87	93	3,33	80
4,91	118	4,37	105	3,83	92	3,29	79
4,87	117	4,33	104	3,79	91	3,25	78
4,83	116	4,29	103	3,74	90	3,2	77
4,79	115	4,25	102	3,7	89	3,16	76
4,75	114	4,2	101	3,66	88	3,12	75
4,7	113	4,16	100	3,62	87	3,08	74
4,66	112	4,12	99	3,58	86	3,04	73
4,62	111	4,08	98	3,54	85	3	72
4,58	110	4,04	97	3,49	84	Less 3	Not enough
4,54	109	3,99	96	3,45	83		
4,5	108	3,95	95	3,41	82		

The maximum number of points that a student can score during the final control of the student's acquisition of knowledge is 80 points.

Table 2. Scale of assessment of differentiated (exam) credit:

National scale	Score scale
«5»	70-80
«4»	60-69
«3»	50-59

Assessment of the final control is considered credited if the student scored at least 60% of the maximum amount of points (for a 200-point scale - at least 50 points).

The final number of points that the student scored in the discipline is defined as the sum of points for the current educational activity (Table 1) and for the final control (differentiated credit) (Table 2).

Requirements for final test control

The final test control is credited to the student if he demonstrates the possession of practical skills and scored at least 50 points in the test control of theoretical training.

The maximum number of points for the final control of the student (differential test) - 80 points.

Criteria for assessing students for final control are carried out according to the scheme:

- "2" - 0-49 points;
- "3" - 50-60 points;

	<p>"4" - 61-70 points "5" - 71 - 80 points Assessment of the final test task is carried out by dividing the maximum score of the final control - 80 - by the number of test questions in the variant and multiplied by the number of correct test answers of the student.</p>
Practical training	Module 1
Classroom work (Content module 1)	
T 1-11	Amount - 200 (The maximum number of points that a student can score for the current educational activity, the minimum is 120 points).
Control work	0
Test	20
Working in pairs	30
Abstract	50
Conditions of admission to the final control	Semester control is provided in the form of credit. Provides a final grade on a 200-point scale as the sum of grades for the current control of knowledge (oral examination, tests, examination of abstracts), the results of the content module.
7. The policy of studying the discipline	
<p>The organization of the educational process is carried out with the use of the European Credit Transfer System (ECTS) to assess student performance. The points gained in the current survey, independent work and points of the final control are credited. This must take into account the student's presence in class and his activity during practical work. Inadmissible: absences and late classes; use of a mobile phone, tablet or other mobile devices during the lesson (except for the cases provided by the curriculum and methodical recommendations of the teacher); copying and plagiarism; untimely performance of the task, the presence of unsatisfactory assessments and more submitted theoretical and practical material.</p>	
8. Recommended literature	
Basza:	<ol style="list-style-type: none"> 1. V.I.Pautory, M.P.BULU. Clinical anatomy of the trigeminal and facial nerves. New book, Vinnitsa, 2012 2. V.I.Pautory, O. B.Kobzar, Yu.G. Shevchuk. A short course of topographic anatomy and operative surgery. New book, Vinnitsa, 2015 3. MP Kovalsky. Operative surgery and topographic anatomy. Kyiv, VV "Medicine", 2010 4. R.Yaida. Fundamentals of clinical anatomy and operational surgery (lectures). Ternopil, Ukrmedknig. - 2001. 5. I.K.Dodolova, M.Ye. Chervinskaya. Topographic anatomy of the skull cavity. Method. Instructions to practical classes on operational surgery and topographic anatomy, Lviv, 2012. 6. I.K.Dodolova, M.Ye. Chervinskaya. Topographic anatomy of the sections of the cranial department of the head. Method. Instructions to practical classes on operational surgery and topographic anatomy, Lviv, 2012. 7. V.I.Pautory, M.P.BULU. Clinical anatomy of the trigeminal and facial nerves. Vegetative face nodes. Local anesthesia. Vinnitsa, New Book, 2012.

	<p>8. O.V.Tsyhykalo. TOPOGRAPHICAL ANATOMY AND OPERATIVE SURGERY. Textbook for English-speaking Foreign Students. VINNYTSIA, NOVA KNYHA PUBLISHERS, 2011.</p> <p>9. K.I.Kulchitsky, MP Kovalsky, A.P.Dibsky, MS Skrypnikov, etc. Operative surgery and topographical anatomy. Kyiv, "Higher School", 1994.- 464 p.</p> <p>10. K.I.Cultichitsky, I.I.Brikk, AP Ditkovsky, S.A.Soloreva and dr. Operative hirurgery and topographic anatomy. / Teacher for medquouys /.- Kyiv, "Higher School", 1989 - 472 p.</p> <p>11. MS Skrypnikov (ed.) Operational surgery and topographic anatomy. Kiev, Higher School, 2000.</p> <p>12. V.F.Viluch, MS Skrypnikov, VI Shepitko, I.R.Kens. Atlas of surgical anatomy of blood vessels of the head and neck. Kyiv, Higher School, 1998.</p> <p>13. Bernard C. Illustrated MANUAL OF Operative Surgery and Surgical Anatomy. - 1991.</p>
<p>Auxiliary:</p>	<p>14. PEMBERTON L.B. WorkBook of Surgical Anatomy. - 1990.</p> <p>150. Gliedman M.L. ATLAS OF SURGICAL TECHNIGUES. - New York etc., McGraw - Hill. - 1990.</p> <p>16. Sabiston D.c. ATLAS OF GENERAL SURGERY. - Philadelphia etc., Saunders. - 1994.</p> <p>17. Chassin J.L. Operative Strategy in General Surgery. New York etc., Springer. - 1994.</p> <p>18. R.Yaida. Fundamentals of clinical anatomy and operational surgery (lectures) .- Ternopil .- "Ukrmedkniga", 2001.</p> <p>19. MPBur. Topographic approach to studying a person's body. - Kharkiv, 2005.- 30 s.</p> <p>20. M.P.Kovalsky, O. B.Kobzar. Educational and methodological materials for preparation for the final control of knowledge and skills at the Department of Operational Surgery and Topographic Anatomy (for the Faculty of Medical Faculty). - K., Stylos, 1999-2004. - Edition 1-5. - 79 p.</p> <p>21. AGPopov, V.K.Krasnitsky, you. Gorovenko. Technical assessment "test task" on the course of operational haircuts and topographic anatomy. Odessa, 2004. - 120 p.</p> <p>22. V.V.Kenov, T.I.Annikova, I.A.Sychenikov. Course of lection on operative hirurgery and topographic anatomy. M., 1972.</p>

Senior lecturer of the department

