

Thematic lesson plan for practice
"Clinical practice in surgery"
for students in the educational program
specialty
in specialty/direction of training 05.31.01 General Medicine,
focus (profile) General Medicine,
Full-time form of education
for the 2023-2024 academic year

No.	Thematic blocks ¹	Hours (acad.)
1.	Introductory lesson. Acquaintance with the purpose and objectives of industrial practice. ² Safety precautions during practice. Introduction to the organization of the surgical department. Functional responsibilities of a surgeon. Indications for emergency and planned hospitalization of surgical patients. Structure of the operating room, rules of conduct in the operating room. Documentation of the doctor of the surgical department . Prevention of occupational infection with HIV infection and viral hepatitis. Composition of the emergency first aid kit "Anti-AIDS".	3
	Formation of individual tasks. ³	6
2.	Abdominal surgery. ² Mastery of examination techniques (questioning, examination, palpation, percussion and auscultation) of patients with surgical diseases of the stomach and small intestine, liver and biliary tract, pancreas, diseases of the colon and rectum, with abdominal hernias. Developing skills in interpreting data from instrumental methods for examining the abdominal organs (radiography, computed tomography, ultrasonography , endoscopy, laparoscopy). Preparation of documentation for patients with diseases of the abdominal organs. ² Part 1.	3
	Completing individual tasks. ³ Part 1.	6
3.	Abdominal surgery. ² Mastery of examination techniques (questioning, examination, palpation, percussion and auscultation) of patients with surgical diseases of the stomach and small intestine, liver and biliary tract, pancreas, diseases of the colon and rectum, with abdominal hernias. Developing skills in interpreting data from instrumental methods for examining the abdominal organs (radiography, computed tomography, ultrasonography , endoscopy, laparoscopy). Preparation of documentation for patients with diseases of the abdominal organs. ² Part 2.	3
	Completing individual tasks. ³ Part 2.	6
4.	Abdominal surgery. ² Mastery of examination techniques (questioning, examination, palpation, percussion and auscultation) of patients with surgical diseases of the stomach and small intestine, liver and biliary tract, pancreas, diseases of the colon and rectum, with abdominal hernias. Developing skills in interpreting data from instrumental methods for examining the abdominal organs (radiography, computed tomography, ultrasonography , endoscopy, laparoscopy). Preparation of documentation for patients with diseases of the abdominal organs. ² Part 3.	3
	Completing individual tasks. ³ Part 3.	6
5.	Thoracic surgery. ² Mastering the technique of examining and questioning patients with pathology of the chest organs. Practicing skills in palpation of the chest, percussion of the lungs (comparative and topographic), auscultation of the lungs. Development of skills in interpreting data from	3

	instrumental methods of examining the respiratory organs (radiography, computed tomography, bronchoscopy, thoracoscopy). Interpretation of sputum, blood, and pleural effusion tests. Preparation of documentation for patients with diseases of the chest organs. ² Part 1.	
	Completing individual tasks. ³ Part 1.	6
6.	Thoracic surgery. ² Mastering the technique of examining and questioning patients with pathology of the chest organs. Practicing skills in palpation of the chest, percussion of the lungs (comparative and topographic), auscultation of the lungs. Development of skills in interpreting data from instrumental methods of examining the respiratory organs (radiography, computed tomography, bronchoscopy, thoracoscopy). Interpretation of sputum, blood, and pleural effusion tests. Preparation of documentation for patients with diseases of the chest organs. ² Part 2.	3
	Completing individual tasks. ³ Part 2.	6
7.	Cardiovascular surgery. ² Mastery of methods of questioning, examination, palpation, auscultation of patients with peripheral vascular diseases. Development of skills in performing functional tests in patients with peripheral vascular diseases. Development of skills in interpreting data from laboratory and instrumental methods (ultrasound Dopplerography, angiography, CT angiography) for studying peripheral vessels. Preparation of documentation for patients with peripheral vascular diseases. ² Part 1.	3
	Completing individual tasks. ³ Part 1.	6
8.	Cardiovascular surgery. ² Mastery of methods of questioning, examination, palpation, auscultation of patients with peripheral vascular diseases. Development of skills in performing functional tests in patients with peripheral vascular diseases. Development of skills in interpreting data from laboratory and instrumental methods (ultrasound Dopplerography, angiography, CT angiography) for studying peripheral vessels. Preparation of documentation for patients with peripheral vascular diseases. ² Part 2.	3
	Completing individual tasks. ³ Part 2.	6
9.	Surgery of the thyroid and mammary glands. ² Development of methods of questioning, examination, palpation of patients with diseases of the thyroid and mammary glands. Developing skills in interpreting data from laboratory and instrumental methods (ultrasound, scintigraphy, fine-needle biopsy, mammography) for studying the thyroid and mammary glands. Preparation of documentation for patients with diseases of the thyroid and mammary glands. ²	3
	Completing individual tasks. ³	6
10.	Surgical infection. ² Mastery of methods of clinical examination of patients with purulent infection of soft tissues. Development of skills in interpreting data from laboratory and instrumental methods of studying patients with purulent infection of soft tissues. Preparation of documentation for patients with surgical infections of soft tissues. ² Part 1.	3
	Completing individual tasks. ³ Part 1.	6
eleven.	Surgical infection. ² Mastery of methods of clinical examination of patients with purulent infection of soft tissues. Development of skills in interpreting data from laboratory and instrumental methods of studying patients with purulent infection of soft tissues. Preparation of documentation for patients with surgical infections of soft tissues. ² Part 2.	3
	Completing individual tasks. ³ Part 2.	6

12.	Urgent and emergency care in surgery. ² Development of skills in providing urgent and emergency medical care to patients with the most common surgical diseases of the abdominal and chest organs, peripheral vascular diseases, and mechanical diseases. thermal, chemical and electrical trauma , surgical infection, cardiopulmonary resuscitation. Part 1.	3
	Completing individual tasks. ³ Part 1.	6
13.	Urgent and emergency care in surgery. ² Development of skills in providing urgent and emergency medical care to patients with the most common surgical diseases of the abdominal and chest organs, peripheral vascular diseases, and mechanical diseases. thermal, chemical and electrical trauma , surgical infection, cardiopulmonary resuscitation. Part 2.	3
	Completing individual tasks. ³ Part 2.	6
14.	General medical manipulations in the practice of a surgeon. ² Development of skills in performing general medical manipulations and procedures performed in a surgical hospital. Novocaine blockades, pleural puncture, thoracentesis , laparocentesis, diagnostic peritoneal lavage , novocaine blockades, blood group determination, blood transfusion, surgical debridement, postoperative wound care, desmurgy, gastric intubation, bladder catheterization, assisting in surgical operations, etc. (if desired, during practice the student can master practical manipulations not provided for in the work program). Part 1.	3
	Completing individual tasks. ³ Part 1.	6
15.	General medical manipulations in the practice of a surgeon. ² Development of skills in performing general medical manipulations and procedures performed in a surgical hospital. Novocaine blockades, pleural puncture, thoracentesis , laparocentesis, diagnostic peritoneal lavage , novocaine blockades, blood group determination, blood transfusion, surgical debridement, postoperative wound care, desmurgy, gastric intubation, bladder catheterization, assisting in surgical operations, etc. (if desired, during practice the student can master practical manipulations not provided for in the work program). Part 2.	3
	Completing individual tasks. ³ Part 2.	6
16.	Final lesson. ² Submission of reporting documentation on practice. Interim certification.	3
	Placing reporting documentation on practice in the electronic information and educational environment of Volgograd State Medical University. ³	6
	Total	144

¹ – thematic blocks include several classes conducted in the form of practical training, the duration of one lesson is 45 minutes with a break between classes of at least 5 minutes

² – topic

³ – essential content

Considered at the meeting of the Department of Hospital Surgery on May 18, 2023, protocol No. 10

Head of the department

S.S.Maskin