Ministry of Health of Ukraine

Kharkiv National Medical University

Department of Surgery №2

SYLLABUS

of the discipline SURGERY

part I. ABDOMINAL SURGERY"

for masters in the field of training 22 "Health Care"

in specialty 222 "Medicine"

qualification Second (master's) level

The syllabus of the discipline was approved at the meeting of the Department of Surgery №2

Protocol from Head of Department \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ prof. Krivoruchko IA (signature) (surname and initials)

Approved by the methodical commission of KhNMU on the problems of professional training of surgical profile

Protocol from Head \_\_\_\_\_\_\_\_\_\_\_\_ Syplyvy VO

(signature) (surname and initials)

Kharkiv - 2020

Fourth year of study

Required items:

Number of loans - 3.5

The total number of hours is 105.

Hours for full-time study: classroom - 60, lecture - 10, independent student work - 35.

Year of preparation - 4, semester 7 and 8.

Practical classes - 60 hours.

Lectures - 10 hours

Independent work - 35

Type of control: differential test.

Venue of lectures and practical classes: auditoriums and classrooms of the Department of Surgery №2 on the basis of KNP Kharkiv Regional Council "Regional Clinical Hospital" on the 6th floor of the medical building (Kharkiv, Independence Ave., 13).

Class hours: Monday, Tuesday, Wednesday, Thursday, Friday (830-1215 / 1225-1655 according to the schedule);

Course coordinators

1. Kryvoruchko Ihor Andriiovych - Head of the Department of Surgery №2, Professor, Doctor of Medicine, Laureate of the State Prize.

2. Syvozhelizov Andriy Volodymyrovych - Head of the Department of Surgery №2, Candidate of Medical Sciences, Associate Professor.

Course abstract

The course in surgery "Part I. Abdominal surgery" is designed for 4th year students. During the course, practical classes are held, covering a wide range of important medical issues.

The purpose of teaching the discipline "Surgery" is to acquire and deepen the knowledge, skills, abilities and other competencies in surgery required in professional activities, which are established on the basis of educational and professional program.

The main objectives of the discipline "Surgery" are the acquisition by students of competencies in accordance with the general and professional competencies of the educational-professional program "Medicine" of the second (master's) level of higher education in the specialty 222 Medicine qualification master of medicine: possession of survey skills instrumental research and evaluation of their results, establishing a preliminary and clinical diagnosis of the disease, determining the necessary mode of work and rest, the nature of nutrition in the treatment of diseases, determining the principles and nature of treatment of diseases, medical manipulations, diagnosing emergencies and emergency medical care, medical records , ability to apply knowledge in practical situations, understanding of the subject area and professional activity, ability to adapt and act in a new situation, making an informed decision, ability to work in a team to act socially responsibly and consciously.

Organization of training - educational and thematic plan

|  |  |  |  |
| --- | --- | --- | --- |
| №  теми | Тема | | Кількість  акад. годин |
|  | | URGENT ABDOMENAL SURGERY |  |
| 1. | Acute appendicitis. Anatomical and physiological information. Etiology and pathogenesis. Classification. Clinic, diagnostics, differential diagnosis. Treatment. | |  |
| 2. | • Atypical clinical picture of acute appendicitis Complications of acute appendicitis and appendectomy. Diagnostic and treatment program. | |  |
| 3. | • Anatomical and physiological features of the biliary tract. Etiology and pathogenesis. Classification. Clinic, diagnostics, differential diagnosis. Surgical tactics. Features of the clinical course, clinical picture of acute cholecystitis and diagnostic and treatment program in elderly patients and patients with concomitant pathology. Complications of acute cholecystitis and cholecystectomy | |  |
| 4. | • Etiology and pathogenesis, classification of acute pancreatitis. Clinic of mild and severe acute pancreatitis. Differential diagnosis of acute pancreatitis. | |  |
| 5. | • Complications of acute pancreatitis: acute pseudocyst of the pancreas, pancreatic abscess, widespread peritonitis, necrosis of the walls of the cavity, bleeding into the abdomen, acute ulcers of the digestive tract, bleeding from acute ulcers into the cavity of the digestive tract, perforation. | |  |
| 6. | • Etiology and pathogenesis, classification of perforated gastroduodenal ulcers. Clinic of typical and atypical perforated gastroduodenal ulcer. Therapeutic tactics for perforated gastroduodenal ulcer. Etiopathogenesis, classification of ulcerative hemorrhage. Clinic of ulcerative bleeding. Laboratory and endoscopic methods for the diagnosis of ulcerative hemorrhage. Therapeutic tactics for ulcerative hemorrhage.      • Complications of peptic ulcer of the stomach and duodenum. Conservative and operative treatment, types of operations. Diseases of the operated stomach | |  |
| 7. | • Acute intestinal obstruction Etiology and pathogenesis. Typical clinical picture. Classification. Principles of conservative and surgical treatment. | |  |
| 8. | • Etiology, pathogenesis, classification of acute peritonitis. Clinic. Treatment tactics for acute peritonitis. | |  |
| 9. | • Classification of abdominal hernias. Etiology. Pathogenesis. Clinic of the disease. Principles of surgical treatment. Complication. | |  |
| 10. | Investigation of patients | |  |
| SURGICAL GASTROAENTEROLOGY AND PROCTOLOGY | | | |
| 11. | Complications of peptic ulcer. | |  |
| 12. | • Liver disease. Fibrosis, cirrhosis of the liver. Hepatic failure. Parasitic and non-parasitic liver lesions. Examination methods. Complication. Principles of treatment tactics. | |  |
| 13. | • Chronic jaundice as a surgical problem. Gallstone disease. Clinical manifestations. Research methods. Differential diagnosis. Principles of treatment. Postcholecystectomy syndrome. | |  |
| 14. | • Chronic pancreatitis. Diagnostic methods. Clinic. Diagnosis. Complications of chronic pancreatitis. Principles of treatment. Cysts and fistulas. Principles of surgical tactics. Diseases of the spleen. | |  |
| 15. | • Classification of surgical diseases of the small intestine. Nonspecific ulcerative colitis. Crohn's disease of the colon. Diverticular disease and polyposis of the colon | |  |
| 16. | • Diseases of the rectum - hemorrhoids, paraproctitis, anal fissure. Rectal prolapse. | |  |
| 17. | • Diseases of the soft tissues of the perineum. Perineal omission syndrome. Pyoderma of the perineum. Perineal condyloma. Epithelial coccygeal inflammation. | |  |
| Hours | | | 60 |

Individual work

|  |  |  |
| --- | --- | --- |
| №  Class | Тopic | Hours |
| 1. | Preparing for class |  |
| 2. | Individual work   1. Аbdominal sindrom 2. Relaparotomy in treatment of peritonitis 3. Trauma of stomac and duodenum. 4. Phlegmona of stomac. 5. The malaabsorsh. Sindrom. |  |
| 3. | Individual work |  |
| Hours | | 35 |

Lectures

|  |  |  |
| --- | --- | --- |
| № | Тopic | Hours |
| 1 | **Acute appendicitis** | 2 |
| 2 | **Acute cholecistitis** | 2 |
| 3 | **Acute pancreatitis** | 2 |
| 4 | **Complications of peptic ulcer** | 2 |
| 5 | **Peritonitis** | 2 |
| Hours | | 10 |

Control methods

Organization of current control. Assimilation of the topic (current control) is controlled in a practical lesson in accordance with specific goals. The following tools are used to assess the level of preparation of students: computer tests, solving situational problems, interpretation and evaluation of laboratory tests, analysis and evaluation of instrumental studies and parameters that characterize the functions of the human body, control of practical skills. The final lesson (SO) must be conducted in accordance with the curriculum during the semester on a schedule, during classes. Reception of software is carried out by the teacher of academic group. Assessment is carried out according to the traditional 4-point system: "excellent", "good", "satisfactory" and "unsatisfactory". The conversion of the average grade for the current educational activity into a multi-point scale is carried out in accordance with the "Instructions for evaluating the educational activity of students…" or the average grade (to the nearest hundredth) for IPA teacher automatically receives using the electronic journal ACS. The minimum number of points that a student must score for the current activity during the study of the section is 70 points, the maximum number of points - 120 points.

Assessment of students' independent work. Independent work of students, 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.

Assessment of individual tasks of the student is carried out under the conditions of performance of tasks of the teacher (the report of the abstract on practical

LITERATURE

1. В.Н.Лесовой, В.В.Бойко, В.И.Русин, П.Н.Замятин, Криворучко І.А., Тонкоглас О.А., Тесленко С.М., Гончарова Н.М., Тесленко М.М. Хирургия. Модуль 1.Хирургическая гастроэнтерология и проктология (под редакцией И.А.Криворучко и В.Н.Лесового). Харьков: "Стиль-издат".-2014. -431с. МОЗ (МОН)
2. Лесовой В.Н., Бойко В.В., Русин В.И., Замятин П.Н. Криворучко І.А., Тонкоглас О.А., Тесленко С.М., Гончарова Н.М. Ургентная абдоминальная хирургия (под ред. И.А.Криворучко и В.Н.Лесового) -Харьков, ООО " Щедрая усадьба плюс". 2015. –404 с -МОЗ (МОН)
3. I частина підручника з факульт.хірургії підр. Тіпогр. ХГМУ 1993 - С. 203
4. II частина підручника з факульт.хірургії підр. Тіпогр. ХГМУ 1999 - С. 340
5. Бойко В.В., Криворучко И.А., Шевченко Р.С. и др. «Острый панкреатит. Патофизиология и лечение» – Харьков, 2002. – 288 с.
6. Криворучко І.А, Чугай В.В., Тонкоглас О.А., Красносельский М.В., Сивожелізов А.В. «Фиброзно-кистозная болезнь молочной железы» - Харьков, 2005. – 64 с.
7. Криворучко И.А., Дуденко В.Г., Красносельский Н.В. с соавт. " Курс лекций по факультетской хирургии". Учебное пособие для студентов, врачей-интернов, Харьков. "Прапор". 2006 г. ⎯ 398 с.
8. В.В.Бойко,И.А.Криворучко,В.Н.Лесовой,П.Н.Замятин,В.П.Полевой,Ю.С.Паращук, Н.И.Березка, С.Н.Тесленко/ Руководство по неотложной хирургии.- Харьков-Черновцы, 2009, 514 с.
9. Криворучко І.А, Чугай В.В., Тонкоглас О.А., Красносельский М.В., Сивожелізов А.В. «Острый аппендицит» - Харьков, 2005. – 25 с.
10. Криворучко І.А, Чугай В.В., Тонкоглас О.А., Красносельский М.В., Сивожелізов А.В. «Острый панкреатит» - Харьков, 2005. – 25 с.
11. Криворучко І.А, Чугай В.В., Тонкоглас О.А., Красносельский М.В., Сивожелізов А.В. «Острая кишечная непроходимость» - Харьков, 2005. – 26 с.
12. И.А.Криворучко, Н.В.Красносельский, С.Н.Тесленко и др. Полипы, полипоз и дивертикулярная болезнь толстой кишки Метод указания для студентов и врачей-интернов. – Харьков, 2007. -12 с.
13. И.А.Криворучко, Н.В.Красносельский, С.Н.Тесленко и др. Доброкачественные заболевания прямой кишки Метод указания для студентов и врачей-интернов. – Харьков, 2007. -32 с.
14. И.А.Криворучко, Н.В.Красносельский, С.Н.Тесленко и др. Диффузные воспалительные заболевания толстой кишки Метод указания для студентов и врачей-интернов. – Харьков, 2007. -24 с.
15. Я.С.Березницький, М.П.Захараш, В.Г.Мішалов, В.О.Шидловський Хірургія, Том І 2006 , Підручник 49,14 Д.А.
16. Я.С.Березницький, М.П.Захараш, В.Г.Мішалов Хірургія, Том ІІ 2007 , Підручник , 628 с.
17. Лекції з госпітальної хірургії в 3 томах. За редакцією професора В.Г. Мішалова. “Асканія”, Київ, 2008.
18. „Хірургія” , Підручник М.П. // Захараш, О.І.Пойда, М.Д.Кучер.-К.:Медицина, 2006.-656с.
19. Хірургічні хвороби: Підручник/За ред.проф.П.Г.Кондратенка.-Х.:Факт,2006.-816с.
20. Шпитальна хірургія / За ред.Л.Я.Ковальчука, Ю.П.Спіженка, В.Ф.Саєнка та ін.-Тернопіль: Укрмедкнига, 1999.-560с.
21. Клінічна хірургія / За ред.Л.Я.Ковальчука, В.Ф.Саєнка, Г.В.Книшова.-Тернопіль: Укрмедкнига, Том І 2000.-536 с.
22. Клінічна хірургія / За ред.Л.Я.Ковальчука, В.Ф.Саєнка, Г.В.Книшова.-Тернопіль: Укрмедкнига, Том ІІ 2000.-536 с.
23. Хірургія дитячого віку / За ред.проф. В.І.Сушко.-К.Здоров’я.-2002.-704 с.

The politician of course, to attain aims of studies and well to go a course, it is necessary: from the first day to join in work; regularly to visit lectures; to read material preliminary, to his consideration on practical employment; to be in time and not skip employment; to come on a department dressed in a medical dressing-gown, to have a removable shoe, have at itself фонендоскоп, notebook, pen; to execute all necessary tasks and work every day; able to work with a partner or in composition of group; to apply for help and get her, when you need her. Envisaged academic mobility, interchangeability of test credits (volume of a 1 credit 30 hours). Students can discuss different tasks, but their implementation - strictly individually. Writing, use of different sort of programmatic facilities, prompt, using a mobile telephone is shut out, by a plane-table or other electronic gadgets during employment. The delays of students are shut out on practical employments.

Head of Department of the Surgery №2,

Professor **I. A.Кryvoruchko**

Lectures