

**MINISTRY OF EDUCATION AND SCIENCE OF KYRGYZ
REPUBLIC
Osh State University
International Medical Faculty**

Department of " Obstetrics-gynecology & surgical disciplines "

**ACADIMIC PROGRAM
(SYLLABUS)**

Specialty	General medicine	Course code	“560001”
Language of instruction	English	Subject	Surgical diseases 2
Academic year	2025-2026y	Amounts of credits	3 credits
Teacher	Kaiypov A.A.	Semester	9
E-Mail	akaiypov@oshu.kg	Schedule according to the OSH State University application Student”	
Consultations (time/lecture hall)	IMF (08:00-17:00/403,)	Location (building/room)	IMF 2
Form of study (full-time/part-time/evening/distant)	Full-time	Course type: (Basic/electiv1e)	Basic

Ош, 2025

1 OBJECTIVES OF THE DISCIPLINE

The purpose of teaching and studying the discipline "Surgical Diseases 2" is to form and acquire from students scientific knowledge about diseases of the abdominal cavity and chest, methods of their prevention and treatment, to prepare future doctors for independent work with surgical patients.

2 Be able to :

- Collect anamnesis from the patient (or relatives);
- Conduct a physical examination of the patient;
- Determine the type and scope of clinical, laboratory and instrumental research methods;
- To carry out palpation, percussion and auscultation of patients ";
- Draw up a plan for the provision of emergency medical care and further intensive care;
- Establish the most trusting relationship with the patient, his relatives and medical workers;
- Work in a team.

3 Own:

- Conducting primary examination of patients.
- Providing primary care.
- Conducting some of the types of surgical interventions.
- Removing patients from terminal conditions

4. Post requisites:

5. Post requisites: pediatric surgery, basics of endoscopic surgery, obstetrics and gynecology, oncology.

Prerequisites:	Prerequisites : anatomy, physiology, histology, normal and pathological physiology, pathological anatomy, pharmacology, first aid, general nursing, general surgery, faculty surgery.			
Post requisites:	faculty surgery, pediatric surgery, traumatology, obstetrics and gynecology, oncology.			
Learning outcomes of the discipline				
In the course the student will achieve the following learning outcomes:				
LO EBP	Competencies	Code of LO of discipline (LOd)and its wording		

	<p>LO-7-Is able to apply basic knowledge in the field of diagnostic activities to solve professional tasks.</p> <p>PC-16 – is able and ready to use the algorithm for making a diagnosis (primary, concomitant, and complications) in accordance with the ICD, and to perform basic diagnostic measures to identify urgent and life-threatening conditions;</p>	<p>Knows and understands:</p> <ul style="list-style-type: none"> - etiopathogenesis, clinical course, diagnosis of the main types of surgical diseases; - methods of examination of surgical patient, labor, instrumental diagnosis; <p>Is able to:</p> <ul style="list-style-type: none"> - ask and analyze patient complaints, anamnesis morbi and vitae, general examination, laboratory and instrumental results; - determine the main pathological conditions, symptoms, syndromes of diseases, nosological forms in patients in accordance with the ICD; <p>Possesses:</p> <ul style="list-style-type: none"> - methods of external surgical patient examination; - skills of making a preliminary diagnosis based on the interpretation of the results of laboratory and instrumental examination of surgical patient.
<p>LO₈– Able to apply basic knowledge in the field of therapeutic activities to solve professional problems</p>	<p>PC-17- is able and ready to provide first medical aid in cases of urgent and life-threatening conditions, and to refer patients for hospitalization on a planned and emergency basis.;</p> <p>PC-19-is able to provide the adult population and children with first aid in case of emergency and life-threatening conditions, to direct patients to the hospital on a planned and emergency basis;</p> <p>PC- 21 – is able and ready to manage physiological pregnancy and conduct childbirth."</p>	<p>Knows and understand:</p> <ul style="list-style-type: none"> - management of surgical patient.; - treatment and prevention of the main types of surgical diseases; - methods of delivery, based on the implementation of deontological principles; - management of surgical patients and providing emergency care for pathological conditions; - methods of prevention of postoperative complications; <p>Is able to:</p> <ul style="list-style-type: none"> - apply the acquired knowledge to postoperative patient - prescribe adequate treatment to patients with various nosological forms in outpatient clinic and hospital; - provide first aid for urgent surgical conditions of the <p>Owns:</p> <ul style="list-style-type: none"> - skills of management surgical diseases, management of delivery, skills of conducting and treating patients with various nosological forms in outpatient clinic and day hospital; - choice of the adequate tactics of conducting and treatment in surgical practice

Card of accumulation of points for the discipline " *Surgical diseases 2* "
IX semester

Subj ect	Кре дит	Au d. Cla sses	ISW/ ISWT	I-module (50 балл)						Exam (50 marks)
Surgi		40	60%	Aud. classes	ISW/	CC/	Aud. classes	ISW/	CC	

				lec	pr			pr				
	3	36	54	14	22	40/6		4	13	20/6		
Point Accumulation Card				4	4	8	9	4	4	8	9	
Module and exam results												50
Final grade												100

Calendar and thematic plan of lectures

№	Topic name	Number of hours	Marks			
			visit	Test (for TC), oral, written survey	keeping a workbook	total
1-module						
1	Acute appendicitis etiopathogenesis, diagnosis, differential diagnosis. Complications of acute appendicitis. Surgical treatment.(Acute appendicitis in pregnant women. Acute appendicitis in the elderly and children.).	2	1	2	1	4
2	Intestinal obstruction etiology, pathogenesis, classification, clinical features, diagnosis and differentiation. diagnosis. Complications and surgical treatment of intestinal obstruction	2	1	2	1	4
3	<i>Peritonitis, etiopathogenesis, diagnosis, differential diagnosis. Surgical treatment of peritonitis. Preoperative</i>	2	1	2	1	4

	<i>preparation and postoperative management of patients with peritonitis.</i>					
4	Inflammatory bowel disease. Crohn's disease and ulcerative colitis. Methods of surgical treatment. Management of patients in the pre- and postoperative period.	2	1	2	1	4
5	Diseases of large intestine. Colonic diverticulosis and diverticulitis. paraproctitis	2	1	2	1	4
6	Rectal diseases (Hemorrhoids, anorectal abscess, Fistula in ano). Methods of surgical treatment. Management of patients in the pre- and postoperative period.	2	1	2	1	4
7	Open and closed injuries to the abdomen (liver, pancreas, spleen). Clinic, diagnosis, differential diagnosis. Providing emergency surgical care.	2	1	2	1	4
Total:		14h	1	2	1	4

Calendar and thematic plan of practical classes

№ Weeks	Topic name	Number of hours	Points			
			visit	oral, written survey(ask questions)	activity	total
1-module						
1.	Acute appendicitis etiopathogenesis, diagnosis, differential diagnosis. Complications of acute appendicitis. Surgical treatment.(Acute appendicitis in pregnant women. Acute appendicitis in the elderly and children.). https://www.youtube.com/watch?v=rTTAnK3PY4A	2	1	2	1	4
2.	Intestinal obstruction etiology, pathogenesis, classification, clinical features, diagnosis and differentiation. diagnosis. Complications and surgical treatment of intestinal obstruction. https://www.youtube.com/watch?v=onzZ9SuwUw4	2	1	2	1	4
3.	Thrombosis of the mesenteric vessels. SMA	2	1	2	1	4

	syndrome Surgical treatment of intestinal infarction. https://www.youtube.com/watch?v=cPNWYmuwPMc					
4.	<i>Peritonitis, etiopathogenesis, diagnosis, differential diagnosis. Surgical treatment of peritonitis. Preoperative preparation and postoperative management of patients with peritonitis.</i> https://www.youtube.com/watch?v=COKb-Vf9FMY	2	1	2	1	4
5.	Inflammatory bowel disease. Crohn's disease and ulcerative colitis. Methods of surgical treatment. Management of patients in the pre- and postoperative period. https://www.youtube.com/watch?v=ZA4xFrCeZg	2	1	2	1	4
6.	Diseases of large intestine. Colonic diverticulosis and diverticulitis. https://www.youtube.com/watch?v=GfovrybyDX4	2	1	2	1	4
7.	Rectal diseases (Hemorrhoids, paraproctitis). Methods of surgical treatment. Management of patients in the pre- and postoperative period. https://www.youtube.com/watch?v=SoO2OxqHVHA&t=435s	2	1	2	1	4
8.	Rectal diseases (anorectal abscess, Fistulo in ano) . Management of patients in the pre- and postoperative period. https://www.youtube.com/watch?v=8JdmhOaJFwM&t=90s	2	1	2	1	4
9.	Rectal diseases (anal fissure , pilonidal sinus) . Management of patients in the pre- and postoperative period. https://www.youtube.com/watch?v=8JdmhOaJFwM&t=90s	2	1	2	1	4
10.	Open and closed injuries to the abdomen (liver, pancreas, spleen). Clinic, diagnosis, differential diagnosis. Providing emergency surgical care. https://www.youtube.com/watch?v=bL3yZQtWYJI	2	1	2	1	4
11.	Open and closed injuries to the abdomen (small intestine & large intestine). Clinic, diagnosis, differential diagnosis. Providing emergency surgical care. https://www.youtube.com/watch?v=bL3yZQtWYJI	2	1	2	1	4
	Total Hours / Average Current Score	22	1	2	1	4

	Exam, Current control						50
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Plan of organization ISW

№	Topic	Task for ISW	Hours	Marks	Reference	Deadline
1 module						
1. 1	Anatomical features of the rectum. Paraproctitis, Fissure and prolapse clinic diagnosis treatment.	Literature review	5	8	Main literatures:	1-week
2.	Anatomy of the small and large intestine. Inflammatory ulcerative bowel disease.	Creative work	5	8	1,2,3,4	1-week
3.	Fistulas of the gastrointestinal tract. Clinic diagnostics, treatment.	Video presentation	5	8	1,2,3,4	2-week
4.	Terminal ileitis. Clinic , diagnostics, treatment.	Create case-studies	4	8	1,2,3,4	2-week
5.	Megacolon. Crohn's disease Etiology, pathogenesis, clinical picture, diagnosis, treatment.	Creative work	5	8	1,2,3,4	3-week
6.	Obesity. Surgical treatment.	Video presentation	5	8	1,2,3,4	3-week
7.	Hirschsprung 's disease , classification, etiopathogenesis , clinical picture, diagnosis, treatment.	Ppt presentation	5	8	1,2,3,4	4-week
8.	Diagnostics, differential diagnostics , complications of hemorrhoids.	Creative video	5	8	1,2,3,4	5-week
9. 1	Systemic response syndrome in appendicitis. Surgical	Creative video	5	8	Main 1,2,3,4	1-week

	treatment tactics for complicated appendicitis.					
10. 2	Types of colon resection.	Work on the colon simulator	5	8	Main 1,2,3,4	7-week
11.	Postoperative care after hemicolectomy. Colostomy care.	Work on the colon simulator	5	8	1,2,3,4	8-week
	Total:1 module		54	8		

II- option	Task	Execution form	Quantaty of a/h	Points	Deadline
1. Article Scientific work, research work	Write an article and publish it in "Bulletin of Osh State University", in international medical journals	Free form of article submission	81	5	During the semester

Plan of organization ISW(teacher based) for lecturer

№	Topic	Task for ISW	Hours	Assessm ent tools	Marks	Reference	Task for ISW
1	Rare forms of appendicitis	Ppt present ation	2	Dimedus	8	Main 1,2,3,4	3-week
2	Complications of colon diverticulosis	Video presen tation	2	Dimedus	8	Main 1,2,3,4	5-week
	Total		4		8 marks		

Plan of organization ISW for practical classes

№	Topic	Task for ISW	Hours	Assess ment tools	Marks	Ссылка	Room	Task for ISW
1	<i>Operation «hem icolectomy».</i>	Show how to place sutures on the intestine.	2	present ation	6	Bailey & Love Short practice of surgery 28th edition(2023) https://www.routledge.com/Bailey--Loves-Short-Practice-of-Surgery---28th-Edition/OConnell-McCaskie-Sayers/p/book/9780367548117	403	30.09 - 05.10 .24
2.	<i>Rare form of</i>	PPT	2	present ation	6	Bailey & Love Short practice of surgery 28th edition(2023) https://www.routledge.com/Bailey--Loves-Short-Practice-of-Surgery---28th-Edition/OConnell-McCaskie-Sayers/p/book/9780367548117	403	21.10 - 26.10

	<i>open dicite s.</i>					iley--Loves-Short-Practice-of-Surgery---28th-Edition/OConnell-McCaskie-Sayers/p/book/9780367548117		.24
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Points	1-3	4-5	6-8
Create case-studies	More than 30% Plagiarism	Less than 30 % is plagiarism	Your own work
	Table is not organized	Table is organized but not completely	be organized around and related directly to the topic
	Submitted late	One week late	Submitted on time
	Information given partially	Includes all steps of dx with some mistakes	Includes all steps of dx and given answers correctly

Points	1-3	4-5	6-8
PPT presentation	Table is not organized	Table is organized but not completely	be organized around and related directly to the topic
	Submitted late	One week late	Submitted on time
	Information given partially	Includes all steps of dx with some mistakes	Includes all steps of dx and given answers correctly

Points	1-3	4-5	6-8
Literature review	More than 30% Plagiarism	Less than 30 % is plagiarism	Your own work
	Table is not organized	Table is organized but not completely	be organized around and related directly to the topic
	Submitted late	One week late	Submitted on time
	Information given partially	Includes all steps of dx with some mistakes	Includes all steps of dx and given answers correctly

Points	1-3	4-5	6-8
Creative work (hand made)	Table is not organized	Table is organized but not completely	be organized around and related directly to the topic
	Submitted late	One week late	Submitted on time
	Information given partially	Includes all steps of dx with some mistakes	Includes all steps of dx and given answers correctly

Points	1-3	4-5	6-8
Creative video	More than 30% Plagiarism	Less than 30 % is plagiarism	Your own work
	Table is not organized	Table is organized but not completely	be organized around and related directly to the topic
	Submitted late	One week late	Submitted on time
	Information given partially	Includes all steps of dx with some mistakes	Includes all steps of dx and given answers correctly

1-Module - 50 marks

- ✓ ISW - 4-marks
- ✓ ISWT- 4-marks
- ✓ Practical classes, current control- 4-marks
- *Lecturer current control- 4 marks
- ✓ CURRENT control - 9 marks

Total 50 marks

[Final exam –50 marks](#)

Course Policy

The organization of the educational process is carried out on the basis of a credit-modular system according to the requirements, with the use of a modular rating system for assessing the progress of students using the AVN information system.

Requirements:

- a) Mandatory attendance;
- b) Activity during lectures and practical classes;
- C) Preparation for classes, homework and ISW.

Unacceptably:

- a) being Late and leaving school;
- b) Use of cell phones during classes;
- C) Untimely delivery of tasks.

Bonus points consist of activity in the classroom, performing extracurricular independent work by students, scientific work, attendance of lectures.

Penalty points consist of points received for dishonesty, inactivity, absenteeism, etc.

Bonus points.

1. Making the presentations – 2 points.
2. Making the posters – 3 points.
3. Making the tables: -1 point.
4. Preparation of abstract messages – 1 point.
5. Systematic active work during the semester in practical classes and in lectures - 3 points.
6. 100% attendance-2 points
7. Participation in the work of the SRC - 5 points
8. Preparation of the report and presentation at student conferences - 8 points

Penalty point.

1. Regular lateness to classes – 1 point.
2. Missed lectures and classes - 2 points

3. Disrespectful attitude to medical personnel, patients, teacher-3 points.
5. Smoking on the territory of the medical institution – 3 points.
6. Untidy appearance, lack of Bathrobe, cap, replacement shoes - 1 point.
7. Damage to the Cathedral property - 3 points
8. A systematic lack of preparation for practical classes – 2 points.
9. Violation of discipline classes - 1 point

Note: a student can score a maximum of 10 bonus points and penalty points not more than 10 (per semester).

9. EDUCATIONAL AND METHODOLOGICAL SUPPORT OF THE COURSE

name	author	year of issue	address
Main literature			
Bailey & Love's Short Practice of Surgery	Norman S. Williams P.Ronan O Connell Andrew W.Mc.C askie	27 edition (March 31, 2018)	https://www.amazon.com/Bailey-Loves-Short-Practice-Surgery-dp-1498796508/dp/1498796508/ref=dp_ob_title_bk
Textbook of Surgery	somen Das	July 2010	https://ru.scribd.com/document/416045546/A-Concise-Textbook-of-Surgery-S-Das-6th-edition-pdf
Diagnostic Imaging	by 1) Ralph Weissleder 2) Jack Wittenberg 3) Mukesh Mgh Harisinghani , 4) John W. Chen, MD	Wiley-Blackwell; 5th edition (August 2, 2011)	https://libgen.is/book/bibtex.php?md5=6F6E129927CF6768BFD8238C2934E127
A Hand book of surgery	Dr mansi sharma	Edition: 2018	https://www.exoticindia.com/m/book/details/book/handbook-of-surgery-NAT031/
Essentials of surgery	Muhammad shamim	October 16, 2020	https://medicalstudyzone.com/essentials-of-surgery-muhammad-shamim-pdf-free-download/

Software and Internet Resources:

1. MedLine - <http://www.medline> - catalog.ru
2. ScientificNefworb - <http://nature.web.ru>
3. Medical books - <http://www.medicbooks.info>

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