

Thematic plan of practical classes of the section of the discipline of surgery
"ABDOMINAL SURGERY"
for 4th year medical students №2 (IV stream)
Danylo Halytsky Lviv National Medical University
for the VII semester of the 2023/2024 academic year (from 29.01.2024 to 08.06.2024)

№	TOPIC	HOURS
Part 1 «Urgent abdominal surgery»		
1	Acute appendicitis. Anatomical and physiological data, etiology, pathogenesis, classification, clinical signs, presentation, diagnosis, differential diagnosis, treatment.	4
2	Etiology and pathogenesis, classification of perforated gastroduodenal ulcers. Clinical picture of typical and atypical perforated ulcer. Differential diagnosis. Diagnostic program and treatment in perforated gastroduodenal ulcers.	4
3	Etiology and pathogenesis, classification of ulcerative gastroduodenal bleeding. Manifestations of ulcerative bleeding. Laboratory and endoscopic diagnostic criterias. Differential diagnosis. Treatment of ulcerative gastroduodenal bleeding.	4
4	Acute cholecystitis. Anatomical and physiological features of the biliary tract. Etiology and pathogenesis. Classification. Presentation, signs, diagnostics, differential diagnosis. Medical tactics. Methods of surgical treatment. Complications of acute cholecystitis and cholecystectomy. Diagnosis and surgical treatment.	4
5	Etiology and pathogenesis, classification of acute pancreatitis. Presentation of mild and severe acute pancreatitis. Methods of diagnosis of acute pancreatitis. Differential diagnosis. Complications. Modern medical tactics. Conservative therapy. Indications for surgical treatment. Methods of minimally invasive and open surgical interventions.	4
6	Abdominal wall hernias. Classification. Etiology. Pathogenesis. Presentation of the disease. Principles of surgical treatment. Complications of hernias.	4
7	Acute bowel obstruction. Etiology and pathogenesis. Classification. Clinical picture. Diagnostic methods. Differential diagnosis. Peculiarities of the clinical course of various forms of acute bowel obstruction. Medical tactics. Principles of conservative and surgical treatment of various forms of acute bowel obstruction.	4
Part 2 «Surgical gastroenterology, proctology and transplantology»		
8	Etiology and pathogenesis, classification of acute peritonitis. Presentation, clinical signs, diagnosis and treatment tactics for	4

	acute peritonitis.	
9	Complications of the peptic ulcer disease of the stomach and duodenum. Conservative and surgical management. Types of operations. Diseases of the operated on stomach. Diagnosis and treatment.	4
10	Jaundice as a surgical problem. Gallstone disease. Etiology and pathogenesis. Clinical manifestations. Diagnostic studies. Differential diagnosis. Principles of treatment. Surgical options. Postcholecystectomy syndrom.	4
11	Liver Diseases. Fibrosis and cirrhosis hepatis. Diagnosis and treatment of portal hypertension and its complications. Liver insufficiency. Indications and contraindications for liver transplantation. Methods of donor selection. Techniques of liver transplantation. Conditions of storing donor's liver and transportation. Liver abscesses, parasitic and non-parasytic focal hepatic lesions. Etiology, pathogenesis, classification. Clinical manifestations. Diagnostic studies, differential diagnosis. Complications. Methods of treatment.	4
12	Chronic pancreatitis. Clinical picture. Diagnosis. Complications. Treatment. Pancreatic cysts and fistulas. Diagnosis and surgical treatment. Spleen diseases – classification, diagnosis and treatment. Indications for transplantation of the pancreas and technique of procedure.	4
13	Acute and chronic visceral ischemia. Aetiology, pathogenesis, classification. Clinical manifestations. Diagnostic program, differential diagnosis. Methods of treatment.	4
14	Diseases of the small and large intestines. Classification of the surgical diseases of the small bowel. Ulcerative colitis. Crohn's disease. Diverticular colonic disease. Polyps and polyposis of colon. Presentation. Diagnosis. Differential diagnosis. Complications. Treatment. Indications for intestinal transplantation and technique of procedure.	4
15	Disease of the rectum – hemorrhoids, rectal prolapse, paraproctitis and rectal fistulas, anal fissure. Perineal soft-tissue diseases. Pilonidal sinuses. Presentation. Diagnosis. Treatment. Complications. Differential diagnosis. Treatment.	2
Total		58

Head of the

Department of Surgery №2

Prof., MD II Kobza