

CONTENT OF THE SUBJECT

Subject:	Surgery 3		
Study	<i>General medicine</i>	Study Period:	<i>8th semester (ST)</i>
Evaluation:	<i>Completed</i>	Subject Type:	<i>Compulsory</i>
Content:	<i>2h. lectures and 2 h. practical exercises / week</i>		<i>Total 56 hours</i>

Department: **I. department of Surgery, UPJŠ FM**

Week	Lectures https://portal.lf.upjs.sk/index-en.php	Practical training
1.	Surgery of the small intestine and retroperitoneum.	Surgery of the small intestine, mesentery and retroperitoneum. Examination of the patient with Crohn's disease and chronic ileus. Evaluation of x-ray films, CT scans. Mesenterial cysts and retroperitoneal tumours.
2.	Surgery of the colon.	Surgery of the colon. Examination of the patient megacolon, diverticular disease, inflammatory and neoplastic processes. Observation of colonoscopic examination. Palliative and radical operations of the large intestine. Practical stoma care.
3.	Surgery of the rectum and anus.	Surgery of the rectum and anus. Practical examination of the patients with anal fissure, haemorrhoidal nodules and colonic tumours. The management of perianal and periproctal abscesses. Tumours of the anus and rectum, surgical treatment.
4.	Acute abdominal conditions – definition, clasification, symptoms and diagnosis.	Acute abdominal conditions – definition, division. General symptoms, principles of diagnosis and diferential diagnosis of acute abdominal conditions.
5.	Acute abdomen - mechanical, neurogenic and vascular ileus.	Obstructive acute abdominal conditions – mechanical ileus, neurogenic, vascular. Etiopatogenesis, clinical symptoms, diagnosis and principles of therapy.

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6.	Acute abdomen – inflammatory diseases.	Inflammatory acute abdominal conditions. Acute abdominal conditions confined to one organ, with local spreading, diffuse peritonitis. Etiopathogenesis, clinical symptoms, diagnosis and principles of therapy.
7.	Acute abdomen - gastrointestinal bleeding.	Gastrointestinal bleeding – clinical symptoms, etiopathogenesis, diagnostic strategy and treatment of upper and lower gastrointestinal tract bleeding.
8.	Traumatic acute abdomen.	Traumatic acute abdominal conditions. Mechanism of origin, diagnosis and principles of treatment.
9.	Congenital acute abdominal conditions.	Congenital acute abdominal conditions – etiopathogenesis, clinical symptoms, diagnosis, principles of surgical therapy. Need of cooperation of neonatologist, pediatrician, pediatric surgeon and anesthesiologist. Congenital and acquired diseases in childhood indicating surgery and its symptoms, diagnosis and surgical treatment.
10.	Thoracosurgical acute abdominal conditions.	Thoracosurgical acute abdominal conditions. Definition, etiopathogenesis, clinical symptoms, diagnosis and principles of surgical therapy.

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11.	Angiosurgical acute abdominal conditions.	Angiosurgical acute abdominal conditions. Definition, etiopathogenesis, clinical symptoms, diagnosis and principles of surgical therapy.
12.	Current concepts of surgical oncology. Multimodal therapy of surgical malignancies.	Surgical oncology – multidisciplinary treatment. Introduction the oncological patients.
13.	Endocrine diseases requiring surgical treatment.	Special chapters of plastic, reconstructive and aesthetic surgery. Demonstration of patients with diseases mentioned above, before, during and after operation.
14.	Special chapters of plastic, reconstructive surgery.	Demonstration the patients required plastic and reconstructive surgery.