**Teaching program for 4th  year students for gastroenterology   
on Faculty of Medicine (English Division)**

**LECTURES**

1. **Functional gastrointestinal disorders**
2. **Inflammatory bowel disease**
3. **Chronic non-infectious liver disease**

**CLASSES**

1. **Symptomatology of gastrointestinal tract diseases. Alarming symptoms. Indications and contraindications for diagnostics tests in gastroenterology. Interpretations of obtained results. Gastroesophageal reflux disease. Hiatal hernia. Oesophageal cancer.**
2. **Functional dyspepsia. Peptic ulcers of stomach and duodenum. Helicobacter pylori infection. Gastric cancer.**
3. **Maldigestion and malabsorption syndrome. Differential diagnosis of chronic diarrhea. Celiac disease. Crohn’s disease. Ulcerative colitis. Pseudomembranaceous colitis.**
4. **Colonic diverticular disease. Colonic polyps. Colorectal cancer. Irritable bowel syndrome. Emergency situations in gastroenterology.**
5. **Diagnostic tests in diseases of the liver, biliary tract and pancreas. Indication for liver biopsy. Differential diagnosis of jaundice. Non-alcoholic fatty liver disease. Autoimmune liver diseases. Liver cirrhosis. Primary and secondary liver tumors.**
6. **Cholelithiasis. Neoplasms of gallbladder and biliary tract. Acute and chronic pancreatitis. Pancreatic cancer.**

**Basic literature**

1. “Harrison’s Principles of Internal Medicine”, Publisher: McGraw-Hill Medical; 18th Edition 2011.

2. Gerd Herold ,,Internal Medicine” Publisher: lulu. com; First English Edition 2011.

3. Macleod’s Clinical Examination. Graham Douglas, Fiona Nicol, Colin Robertson. Edition 13th, 2013.

**Additional literature**

Avanduc C, Manual of Gastroenterology, Lippincott Williams &Wilkins, 2008