



Pomeranian Medical University in Szczecin

SYLLABUS of the MODULE (SUBJECT)

valid from the academic year 2017/2018

General Information

Module title	<i>Gastroenterology</i>
Module type	<i>Obligatory</i>
Faculty	<i>Faculty of Medicine</i>
Field of study	<i>Medicine</i>
Major	<i>Not applicable</i>
Level of study	<i>long-cycle (S2J)</i>
Mode of study	<i>intramural</i>
Year of studies, semester	<i>Year IV, semester VII and VIII</i>
ECTS credits (incl. semester breakdown)	<i>5+5</i>
Type/s of training	<i>seminars (12h)/ practical(42h)(56 hours total)</i>
Form of assessment	<p>- <i>graded assessment: *</i></p> <p><input type="checkbox"/> <i>descriptive</i></p> <p><input checked="" type="checkbox"/> <i>test</i></p> <p><input type="checkbox"/> <i>practical</i></p> <p><input type="checkbox"/> <i>oral</i></p> <p><input type="checkbox"/> <i>non-graded assessment *</i></p> <p>- <i>final examination: *</i></p> <p><input type="checkbox"/> <i>descriptive</i></p> <p><input type="checkbox"/> <i>test</i></p> <p><input type="checkbox"/> <i>practical</i></p> <p><input type="checkbox"/> <i>oral</i></p>
Head of the Department/ Clinic, Unit	<i>Prof. PhD.M.D. Teresa Starzyńska</i>
Tutor responsible for the module	<i>PhD.M.D. Krzysztof Dąbkowski</i>
Department's/ Clinic's/ Unit's website	www.pum.edu.pl/wydzialy/wydzial-lekarski/katedra-i-klinika-gastroenterologii/english-programme
Language	<i>English</i>

*replace ☐ with X where applicable

Detailed information

Module objectives		To provide students with: -Ability to identify disease entities as well as lifethreatening conditions in gastroenterology (gastrointestinal perforation, gastrointestinal bleeding, intestinal obstruction). - Ability to make appropriate treatment decisions. – knowledge to assessment/validation for endoscopic procedures (indications and contraindications for the use of endoscopic procedures in selected clinical entities)	
Prerequisite /essential requirements	Knowledge	Anathomical, physiological and pathophysiological basis of symptoms of gastroenterological diseases	
	Skills	The ability to make contact with the patient, taking into consideration that medical examination has to be individualized. The ability to take history and to examine the patient	
	Competences	Patient’s general assesment, habit of self-education; ability to work in team	
Description of the learning outcomes for the subject /module			
No. of learning outcome	Student, who has passed the (subject) knows /is able to /can:	SYMBOL (referring the standards) ZEK	Method of verification of learning outcomes *
W01	Understands the relationship between the morphological changes and functions of the gastrointestinal tract.	K_E.W7 K_E.W37 K_E.W38	End of the block- Credit (oral form and test) Verification of theoretical knowledge and practical skills
W02	Can tie possible physiological disorders with symptoms	K_E.W36 K_E.W38 K_E.W39	
W03	Knows and understands causes, symptoms, epidemiological background and rules of diagnostics and therapeutic procedures in case of acute and chronic abdominal pain, vomiting, diarrhea, constipation, gastrointestinal bleeding, chronic peptic ulcer disease, non-specific enteropathy, hepatopathy, cholestase and other acquired and congenital diseases of alimentary tract	K_E.W1 K_E.W7 K_E.W36	

W04	Is familiar with the relevant methods of diagnosis and treatment of the diseases/conditions related with gastrointestinal tract	K_E.W7 K_E.W38 K_E.W39	
W05	Knows bases of early neoplasms detection and the rules of oncological screening with focus on gastroenterological cancers(stomach, colon, pancreas etc.)	K_E.W24	
W06	Knows the potential of modern neoplasm therapy (incl. multimodal and endoscopic therapy of cancer), new perspectives of cancer treatment and the undesirable consequences of procedures	K_E.W25	
U01	Carries out complete and guided physical examination of adult patient	K_E.U3	
U02	Can plan the management with the patient and plan specialist's consultations	K_E.U32	
U03	Carries out differentiation diagnostics of most frequent gastroenterological diseases in adults	K_E.U12	
U04	Interprets laboratory, endoscopic, ultrasound and x-ray investigations and identifies reasons of deviations	K_E.U24	
U05	Recognizes life-threatening disorders with special focus on gastroenterology(GI bleeding, acute pancreatitis, cholangiosepsis etc)	K_E.U14	
K01	Shows the habit of self education,understands the need for lifelong education,teamwork, can inspire and organize learning process among other persons	K_K.03 K_K.04	
K02	Follows proper examiner/examined relationship while performing functional tests and observation	K_K05	
K03	Keeps professional secrecy	K_K14	
Table presenting learning outcomes of the subject/module in relation to the form of			

classes									
No.	SYMBOL (referring the standards) ZEK	Type/s of training							
		Lecture	Seminar	Practical classes	Clinical classes	Project work	Other...
1.	K_E.W7		x		x				
2.	K_E.W37		x		x				
3.	K_E.W38		x		x				
4.	K_E.W36		x		x				
5.	K_E.W39		x		x				
6.	K_E.W24		x		x				
7.	K_E.W25		x		x				
8.	K_E.U3				x				
9.	K_E.U32				x				
10.	K_E.U12				x				
11.	K_E.U24				x				
12.	K_E.U14				x				
13.	K_K.03		x		x				
14.	K_K.04		x		x				
15.	K_K05		x		x				
16.	K_K14		x		x				
Module (subject) contents no.	Description of teaching programme	No. of hours		References to learning outcomes					
TK01	Seminars: Peptic ulcer disease and gastric cancer New perspectives in gastroenterology Clinical classes: Physical examination of the patient. Discussion/argumentation and further planning of additional medical examinations.	7		W01.W02.W03.W04.W05.W06. U01.U02.U03.U04.U05 K01.K02.K03					
TK02	Seminars: Approach to the patient with esophageal disease and dysphagia. Gall bladder and biliary tree diseases Clinical classes: Physical examination of the patient.	7		W01.W02.W03.W04 U01.U02.U03.U04.U05 K01.K02.K03					

	Discussion/argumentation and further planning of additional medical examinations.		
TK03	Seminars: Acute pancreatitis Chronic pancreatitis and pancreatic cancer Clinical classes: Physical examination of the patient. Discussion/argumentation and further planning of additional medical examinations.	7	W01.W02.W03.W04 U01.U02.U03.U04.U05 K01.K02.K03
TK04	Seminars: Functional disorders of the gastrointestinal tract IBD and a patient with chronic diarrhoea Clinical classes: Physical examination of the patient. Discussion/argumentation and further planning of additional medical examinations.	7	W01.W02.W03.W04 U01.U02.U03.U04. K01.K02.K03
TK05	Seminars: Lower GI neoplasia Clinical classes: Physical examination of the patient. Discussion/argumentation and further planning of additional medical examinations.	7	W01.W02.W03.W04.W05. U01.U02.U03.U04. K01.K02.K03
TK06	Seminars: Liver cirrhosis Clinical classes: Physical examination of the patient. Discussion/argumentation and further planning of additional medical examinations.	7	W01.W02.W03.W04 U01.U02.U03.U04. K01.K02.K03
TK07	Seminars: Metabolic disorders of the liver and complications of liver cirrhosis	7	W01.W02.W03.W04 U01.U02.U03.U04.U05 K01.K02.K03
TK08	Seminars: Gastrointestinal bleeding Clinical classes: Physical examination of	7	W01.W02.W03.W04 U01.U02.U03.U04.U05 K01.K02.K03

	the patient. Discussion/argumentation and further planning of additional medical examinations.		
Booklist			
Obligatory literature:			
1. <i>Harrison's principles of internal medicine</i> . New York, McGraw-Hill.19 th edition			
2. <i>Davidson's principles and practice of medicine</i> . Elsevier. 23rd edition.			
Supplementary literature:			
1. <i>Yamada's. Textbook of gastroenterology</i> . Wiley. 6th edition			
2. Selected reading from gastroenterology journals as: GUT, Gastroenterology, Endoscopy			
Student's workload (balance sheet of ECTS credits)			
Form of student's activity (in-class participation; activeness, produce a report, etc.)	Student's workload [h]		
	Tutor	Student	Average
Contact hours with the tutor	56	56	
Time spent on preparation to seminars/ practical classess	10	5	
Time spent on reading recommended literature	5	10	
Time spent on writing report/making project			
Time spent on preparing to colloquium/ entry test			
Time spent on preparing to exam			
Other			
Student's workload in total		71	
ECTS credits for the subject (in total)	5		
Remarks			

* Selected examples of methods of assessment:

EP – written examination

EU – oral examination

ET – test examination

EPR – practical examination

K – colloquium

R – report

S – practical skills assessment

RZC – practical classes report, incl. discussion on results

O – student's active participation and attitude assessment

SL – lab report

SP – case study

PS - assessment of student's ability to work independently

W – entry test

PM – multimedial presentation

other...