



Pomeranian Medical University in Szczecin

SYLLABUS of the MODULE (SUBJECT) General Information

Module title: Internal diseases Gastroenterology	
Module type	Obligatory
Faculty PMU	Faculty of Medicine and Dentistry
Major	Medicine
Level of study	long-cycle (S2J)
Mode of study	full-time studies
Year of studies, semester	Year IV, semester VII and VIII
ECTS credits (incl. semester breakdown)	2,5
Type/s of training	lectures (7h) /seminars (7h)/ practical(36h)
Form of assessment*	<input type="checkbox"/> graded assessment: <input type="checkbox"/> descriptive <input checked="" type="checkbox"/> test <input type="checkbox"/> practical <input type="checkbox"/> oral <input type="checkbox"/> non-graded assessment <input type="checkbox"/> final examination <input type="checkbox"/> descriptive <input checked="" type="checkbox"/> test <input type="checkbox"/> practical <input type="checkbox"/> oral
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	English

* replace into where applicable

Detailed information

Module objectives		To provide students with: -Ability to identify disease entities as well as life threatening 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	Anatomical, 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)	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	K_E.W1 K_E.W7 K_E.W36	

	enteropathy, hepatopathy, cholestase and other acquired and congenital diseases of alimentary tract		
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		x				
2.	K_E.W37	x	x		x				
3.	K_E.W38	x	x		x				
4.	K_E.W36	x	x		x				
5.	K_E.W39	x	x		x				
6.	K_E.W24	x	x		x				
7.	K_E.W25	x	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		x				
14.	K_K.04	x	x		x				
15.	K_K05	x	x		x				
16.	K_K14	x	x		x				

Table presenting TEACHING PROGRAMME			
No. of a teaching programme	Teaching programme	No. of hours	References to learning outcomes
Winter semester			
Lectures			
TK01	Peptic ulcer disease and gastric cancer	1	W01.W02.W03.W04.W05.W06. U01.U02.U03.U04.U05 K01.K02.K03
TK02	New perspectives in gastroenterology	1	W01.W02.W03.W04.W05.W06. U01.U02.U03.U04.U05 K01.K02.K03
TK03	IBD and a patient with chronic diarrhoea	1	W01.W02.W03.W04 U01.U02.U03.U04. K01.K02.K03
TK04	Acute pancreatitis	1	W01.W02.W03.W04 U01.U02.U03.U04.U05 K01.K02.K03
Seminars			
TK01	Gall bladder and biliary tree diseases	1	W01.W02.W03.W04 U01.U02.U03.U04.U05 K01.K02.K03
TK02	Liver cirrhosis	1	W01.W02.W03.W04 U01.U02.U03.U04.

			K01.K02.K03
TK03	Complications of liver cirrhosis	1	W01.W02.W03.W04 U01.U02.U03.U04. K01.K02.K03
TK04	Case study	1	W01.W02.W03.W04 U01.U02.U03.U04.U05 K01.K02.K03
Practical classes			
	Physical examination of the patient. Discussion/argumentation and further planning of additional medical examinations.	36	W01.W02.W03.W04 U01.U02.U03.U04. K01.K02.K03
Simulation			
E-learning			
Summer semester			
Lectures			
TK01	Acute liver failure	1	W01.W02.W03.W04 U01.U02.U03.U04. K01.K02.K03
TK02	Neoplastic diseases of the liver	1	W01.W02.W03.W04 U01.U02.U03.U04. K01.K02.K03
TK03	Approach to the patient with abdominal pain and functional GI diseases	1	W01.W02.W03.W04 U01.U02.U03.U04. K01.K02.K03
Seminars			
TK01	Colon neoplastic diseases	1	W01.W02.W03.W04 U01.U02.U03.U04.U05 K01.K02.K03
TK02	Chronic pancreatitis and pancreatic cancer	1	W01.W02.W03.W04 U01.U02.U03.U04.U05 K01.K02.K03
TK03	Approach to the patient with esophageal disease(dysphagia, GERD, esophageal cancer)	1	W01.W02.W03.W04 U01.U02.U03.U04. K01.K02.K03
Practical classes			
	Physical examination of the patient. Discussion/argumentation and further planning of additional medical examinations.	36	W01.W02.W03.W04 U01.U02.U03.U04. K01.K02.K03
Simulation			
E-learning			

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 journals and UEG online courses

Student's workload	
Form of student's activity (in-class participation; activeness, produce a report, etc.)	Student's workload [h]
	Tutor
Contact hours with the tutor	50
Time spent on preparation to seminars/ practical classes	5
Time spent on reading recommended literature	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	65
ECTS credits for the subject (in total)	2,5
Remarks	

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...