



# Pomeranian Medical University in Szczecin

## SYLLABUS of the MODULE (SUBJECT)

### General Information

Code		Title	Internal Diseases _Gastroenterology
Module type			<i>Obligatory</i>
Faculty			<i>Faculty of Medicine (WLA)</i>
Field of study			<i>medicine ( KL )</i>
Major			<i>Not applicable</i>
Level of study			<i>II level/ long-cycle (S2J)</i>
Mode of study			<i>intramural</i>
Year of study			<i>IV</i>
Semester			<i>Block system</i>
ECTS points			<i>2</i>
Types of training			<i>Seminars 14h /practical classes 42h (56 hours in total)</i>
Tutor responsible for the module			<i>Prof. dr hab. n. med. Teresa Starzyńska</i>
Tutors conducting the subject			<i>Title/degree/ e-mail address</i>
WWW			<i>www.pum.edu.pl</i>
Language			<i>Polish, English</i>

## Detailed information

Module objectives		<p>To provide students with:</p> <ul style="list-style-type: none"> <li>-Ability to identify disease entities as well as life-threatening conditions in gastroenterology (gastrointestinal perforation, gastrointestinal bleeding, intestinal obstruction).</li> <li>- 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)</li> </ul>
Prerequisite /essential requirements	Knowledge	<i>Physiological and pathophysiological basis of symptoms of disease</i>
	Skills	<i>The ability to make contact with the patient, taking into consideration that medical examination has to be individualized.</i>
	Competences	<i>habit of self-education; ability to work in team</i>

Description of the learning outcomes for the subject /module			
Number of learning outcome	Student, who has passed the (subject) Knows /is able to /can:	SYMBOL (referring the standards) EKK	Method of verification of learning outcomes
W01	Understands the relationship between the morphological changes and functions of the gastrointestinal tract.	K_E.W3 K_E.W7 K_E.W38 K_E.W39	End of the block- Credit (oral form) 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, 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.W3	
W04	Is familiar with the relevant methods of diagnosis and treatment of the diseases/conditions related with gastrointestinal tract.	K_E.W3 K_E.W38 K_E.W39	
W05	knows bases of early neoplasms detection and the rules of oncological screening	K_E.W24	

W06	knows the potential of modern neoplasm therapy (incl. of multimodal therapy), perspectives of gene and cellular therapies well as their undesirable consequences	K_E.W25	
U01	carries out complete and guided physical examination of adult patient	K_E.U3	
U02	plans specialist's consultation	K_E.U32	
U03	carries out differentiation diagnostics of most frequent diseases in adults and children	K_E.U12	
U04	interprets laboratory investigations and identifies reasons of deviations	K_E.U24	
K01	Shows the habit of self-education, understands the need for lifelong education, can inspire and organize learning process among other persons	K_K03	
K02	follows proper examiner/examined relationship while performing functional tests and observations	K_K05	
K03	keeps professional secrecy	K_K14	

**Matrix presenting the learning outcomes of the subject/module in relation to the form of classes**

Number of learning outcome	Student, who has passed the (subject) Knows /is able to /can:	Types of training							
		Lecture	Seminar	Laboratory classes	Project work	Clinical classes	Classes	Practical classes	Other
W01	understands the relationship		X			X			
W02	can tie possible physiological		X			X			
W03	knows and understands causes,		X			X			
W04	is familiar with the relevant		X			X			
W05	knows bases of early neoplasms		X			X			
W06	knows the potential of modern		X			X			
U01	carries out complete and guided					X			
U02	plans specialist's consultation					X			
U03	carries out differentiation					X			
U04	interprets laboratory					X			
K01	Shows the habit of self-		X			X			
K02	follows proper		X			X			
K03	keeps professional secrecy		X			X			

**Module (subject) contents**

Symbol of teaching programme	Content of teaching programme	References to learning outcomes
TK_01	<b>SEMINARS:</b> -Peptic ulcer disease -Atrophic gastritis	K_E.W3; 7; 36; 38; 39  K_E.U3; 12; 24

	<b>Practical classes:</b> Physical and symptomatic examination of the patient. Discussion/argumentation and further planning of additional medical examinations.	K_K03
TK_02	<b>SEMANARS:</b> -Esophagitis diseases -Gastroesophageal reflux disease  <b>Practical classes:</b> Physical and symptomatic examination of the patient. Discussion/argumentation and further planning of additional medical examinations.	K_E.W3; 36; 38; 39  K_E.U3;12; 24; 32  K_K03
TK_03	<b>SEMINARS:</b> -Prevention of gastrointestinal cancer  <b>Practical classes:</b> Physical and symptomatic examination of the patient. Discussion/argumentation and further planning of additional medical examinations.	K_E.W36; 38; 39; 24; 25  K_E.U3;12; 24; 32  K_K03
TK_04	<b>SEMIANRS:</b> -Pancreatobiliary malignancies and other -pancreatobiliary diseases  <b>Practical classes:</b> Physical and symptomatic examination of the patient. Discussion/argumentation and further planning of additional medical examinations.	K_E.W3; 36; 38; 39  K_E.U3; 12; 24; 32  K_K03
TK_05	<b>SEMINARS:</b> -Abdominal examination  <b>Practical classes:</b> Physical and symptomatic examination of the patient. Discussion/argumentation and further planning of additional medical examinations.	K_E.W3  K_E.U3; 32  K_K03
TK_06	<b>SEMINARS:</b> - Gastrointestinal emergencies – symptoms and symptomatic treatment  <b>Practical classes:</b> Physical and symptomatic examination of the patient. Discussion/argumentation and further planning of additional medical examinations.	K_E.W3; 7; 38; 39  K_E.U3; 32; 24  K_K03; 05;14
TK_07	<b>SEMINARS:</b> Inflammatory bowel diseases  <b>Practical classes:</b> Physical and symptomatic examination of the patient. Discussion/argumentation and further planning of additional medical examinations	K_E.W1; 3; 7  K_E.U3; 32  K_K03; 05;14
TK_08	<b>SEMINARS:</b> Liver Diseases incl. cirrhosis  <b>Practical classes:</b> Physical and symptomatic examination of the	K_E.W3; 7; 24; 25  K_E.U3; 12; 24  K_K03; 05;14

	patient. Discussion/argumentation and further planning of additional medical examinations		
References and educational resources			
1. „Interna Szczeklika 2015.Podręcznik Chorób Wewnętrznych” A.Szczeklik			
2. Choroby wewnętrzne 2015 na podstawie Interny Szczeklika – kompendium. A. Szczeklik			
3. Davidson's principles and practice of medicine 22nd edition pdf			
4. Yamada: Textbook of Gastroenterology (selected chapters)			
5.. Selected reading from gastroenterology journals as: GUT, Gastroenterology, Endoscopy.			
Form of student’s activity (in-class participation; activeness, produce a report, etc.)	Workload [h]		
	Tutor	Student	Average
activities that require direct participation of tutors	56	56	
Preparation to the classes	10	5	
Reading of the indicated/specified literature	5	10	
Report writing/project making			
Time spent to prepare for the exam			
Other			
Student’s workload in total		71	
ECTS points for the subject	2		
Remarks at the end			

Methods of assessment, for example:

E – exam- problem resolving

S – verifying of practical skills

R – report

D – discussion

P – presentation

Others-