



SYLLABUS of the Module General Information

Module title: Internal diseases - Reumatology	
Module type	Obligatory
Faculty	Faculty of Medicine
Field of study	medicine
Level of study	long-cycle (S2J)
Mode of study	intramural
Year of studies, semester	Year 5/ semester IX and X
ECTSpots	1
Type/s of training	Seminars –8hours, Classes –16hours, In total –24hours csm 6h
Method of verification of learning outcomes *	<input checked="" type="checkbox"/> graded assessment: * <ul style="list-style-type: none"> <input type="checkbox"/> descriptive <input checked="" type="checkbox"/> test <input type="checkbox"/> practical <input type="checkbox"/> oral <input type="checkbox"/> non-graded assessment <ul style="list-style-type: none"> <input type="checkbox"/> final exam: <ul style="list-style-type: none"> <input type="checkbox"/> descriptive <input checked="" type="checkbox"/> test <input type="checkbox"/> practical <input type="checkbox"/> oral
Head of the Department/ Clinic, Unit	Prof. dr hab. n. med. Marek Brzosko
Tutor responsible for the module	dr n. med. Jacek Fliciński jacek.flicinski@pum.edu.pl / phone 914253340
Department's/ Clinic's/ Unit's website	Katedra Reumatologii i Chorób Wewnętrznych, Klinika Chorób Wewnętrznych, Reumatologii, Diabetologii, Geriatrii i Immunologii Klinicznej SPSK1,71 – 252 Szczecin ul. Unii Lubelskiej 1 https://www.pum.edu.pl/wydzialy/wydzial-lekarsko-stomatologiczny/klinika-reumatologii-i-chorob-wewnetrznych
Language	English

Detailed information

Module objectives		<p>Provide basic knowledge in the field of rheumatology. The aim of the course is to present the clinical picture, diagnosis, differentiation and treatment of the most common rheumatological problems.</p> <p>Clinical exercises are intended to improve the skill of collecting an interview and performing physical examination of rheumatological patients, as well as conducting a comprehensive assessment of the condition of a rheumatological patient on the basis of standardized scales.</p> <p>Students learn about the specificity of dealing with a rheumatological patient, acquire the ability to interpret the results of diagnostic tests (imaging, laboratory tests, including serological and biochemical tests).</p>
Prerequisite /Essential requirements	Knowledge	<p>Knowledge of the development, structure and functions of the human body in normal and pathological conditions based on the knowledge obtained in anatomy, physiology, pathophysiology, histopathology and internal diseases acquired at earlier stages of education.</p> <p>Knowledge of diagnostics and pharmacotherapy of internal diseases.</p>
	Skills	Assessment of the psychosomatic state of the patient with a detailed physical and subjective examination
	Competences	The habit of self-education, ability to work in team, interpersonal communication skills, the ability of responsible usage of emotional intelligence

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	knows the environmental and epidemiological conditions of the most common diseases	K_E.W1	continuous assessment during classes; final test
W02	knows and understands the causes, symptoms, principles of diagnosis and therapeutic management in relation to the most common internal diseases occurring in adults, and their complications: rheumatic diseases, including: systemic diseases of connective tissue, systemic vasculitis, arthritis involving the spine, metabolic bone diseases, in particular osteoporosis and osteoarthritis, gout	K_E.W7	continuous assessment during classes; final test
W03	knows the issues of contemporary imaging studies, in particular: a) radiological characteristics of basic diseases, b) instrumental methods and imaging techniques used to perform therapeutic procedures, c) indications, contraindications and preparation of patients for particular types	K_F.W10	continuous assessment during classes; final test

	of imaging tests and contraindications to the use of contrast agents		
W04	knows the basic principles of pharmacotherapy	K_C.W37	continuous assessment during classes; final test
W05	knows and understands the concept of invalidity and disability	K_E.W30	continuous assessment during classes; final test
U01	evaluates and describes the somatic and mental state of the patient	K_E.U13	continuous assessment during classes
U02	carries out a full and targeted physical examination of an adult patient	K_E.U3	continuous assessment during classes
U03	interprets laboratory tests and identifies the causes of deviations from normal values	K_E.U24	continuous assessment during classes
U04	assesses the general condition, state of consciousness and awareness of the patient	K_E.U7	continuous assessment during classes
U05	carries out differential diagnosis of the most common diseases in adults and children	K_E.U12	continuous assessment during classes
U06	plans diagnostic, therapeutic and prophylactic procedures	K_E.U16	continuous assessment during classes
K01	demonstrates the habit of self-education, understands the need for lifelong learning, can inspire and organize the learning process of other people	K_K03	continuous assessment during classes
K02	collaborates with team members; is able to cooperate in a group, taking different roles in it	K_K04	continuous assessment during classes
K03	follows the proper relations between the examiner and the examined person during the observations and functional tests performed	K_K05	continuous assessment during classes
K04	is aware of the patient's rights	K_K11	continuous assessment during classes
K05	shows respect for patients out of concern for their welfare	K_K20	continuous assessment during classes

Table of Learning outcomes in relation to the form of activity

No of Learning outcome	Learning outcomes	Teaching activity						
		Lecture	Seminar	Practical	Clinical classes	Symulations	E-learning	other
W01	K_E.W1	X	X				X	

W02	K_E.W7	X	X				X	
W03	K_F.W10	X	X	X			X	
W04	K_C.W37	X	X	X			X	
W05	K_E.W30		X	X			X	
U01	K_E.U13			X		X		
U02	K_E.U3			X				
U03	K_E.U24			X				
U04	K_E.U7			X				
U05	K_E.U12			X		X		
U06	K_E.U16			X				
K01	K_K03			X				
K02	K_K04			X				
K03	K_K05			X				
K04	K_K11			X				
K05	K_K20			X				

TABLE OF PROGRAM CONTENTS			
No OF PROGRAM CONTENT	PROGRAM CONTENT	Number of hours	Relation to learning outcomes for the classes
winter/summer Semester			
Seminars			
TK01	Rheumatoid arthritis	1	W01, W02, W03, W04, W05
TK02	Systemic lupus erythematosus and antiphospholipid syndrome	1	W01, W02, W03, W04, W05
TK03	Necrotizing vasculitis	1	W01, W02, W03, W04
TK04	Seronegative Spondyloartropaties	1	W01, W02, W03, W04, W05
Practical classes			
TK01	The specificity of collecting an interview and physical examination of a rheumatological patient	3	U01, , U02, U03, U04, K01, K02, K03, K04, K05
TK02	Discussing the classification and practical aspects of diagnosing inflammatory diseases of the joints and establishing individual management. Therapeutic management in arthritis.	3	U05, U06, K01, K02, K03, K04, K05

TK03	Practical application of the disease activity assessment scale. Eligibility for biological treatment.	3	U01, U02, U03, U04, U05, U06, K01, K02, K03, K04, K05
TK04	Diagnostics of systemic connective tissue diseases and establishing a therapeutic intervention plan: pharmacological and non-pharmacological. Comprehensive analysis and verification of pharmacotherapy of a rheumatological patient. Practical principles of the association of disease-modifying drugs.	3	U01, U02, U03, U04, U05, U06, K01, K02, K03, K04, K05
TK05	Differential diagnosis of rheumatic diseases based on selected cases. Planning of diagnostic and therapeutic procedures in individual cases.	2	U01, U02, U03, U04, U05, U06, K01, K02, K03, K04, K05
E-learning - e-lectures			
TK01	Polymyositis and dermatomyositis, diagnosis and treatment	1	W01, W02, W03, W04, W05
TK02	Systemic sclerosis, mixed connective tissue disease, overlapping syndromes, diagnosis and treatment	1	W01, W02, W03, W04, W05
TK03	Dryness syndrome, diagnosis and treatment	1	W01, W02, W03, W04, W05
TK04	Gout, diagnosis and treatment	1	W01, W02, W03, W04

Recommended literature
Kelley's Textbook of Rheumatology. Saunders Elsevier.
Davidson's Principles and Practice of Medicine. Churchill Livingstone.
Clinical Rheumatology, Ed. M. BrzoskoWyd. PUM

Student's workload (balance sheet of ECTS points)	
Form of student workload (participation in classes, activity, preparation of reports, etc.)	Student's workload [h]
Contact hours with the teacher	30
Preparation for exercises / seminar	8
Reading the indicated literature	4
Writing a report from the laboratory / exercises / preparation of a project / paper, etc.	-
Preparation for a test	5
Preparation for the exam	
Total student workload	49
ECTS points	1
Remarks	