



Pomeranian Medical University in Szczecin

SYLLABUS of the Module General Information

Module title: Internal diseases - rheumatology	
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
Year of studies, semester	1
Type/s of training	Lectures 4h, seminars 4h, practical classes 14h, practical classes in the simulation center 2h
Sposoby weryfikacji i oceny efektów uczenia się *	<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 <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 jacekfl@pum.edu.pl/ 914253340
Department's/ Clinic's/ Unit's website	Katedra Reumatologii i Chorób Wewnętrznych, Klinika Reumatologii, Chorób Wewnętrznych, Geriatry 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

* mark or

Detailed information

Module objectives		To 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. Clinical exercises are intended to improve the skills of interviewing and physical examination of rheumatological patients, and to conduct a comprehensive assessment of a rheumatological patient on the basis of standardized scales. Students learn the important issues of dealing with a rheumatological patient, acquire the ability to interpret the results of diagnostic tests (imaging, laboratory tests, including serological and biochemical tests).
Prerequisite /essential Requirements	Knowledge	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 the earlier stages of education. Knowledge of diagnostics and pharmacotherapy of internal diseases.
	Skills	Assessment of the psychosomatic condition of the patient with a detailed physical examination.
	Social competences	The habit of self-education; teamwork.

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) EKK	Method of verification of learning outcomes
W01	knows environmental and epidemiological conditions of most frequent diseases	K_E.W1	Continuous assessment during seminars and classes; final test
W02	knows and recognizes causes, symptoms, diagnoses and therapeutic procedures with regard to the most frequent internal diseases in adults and related complications: g) rheumatic diseases, incl.: systemic connective tissue disease, systemic vasculitis, spondyloarthropaties, metabolic diseases of bones, osteoporosis, osteoarthritis, gout	K_E.W7	Continuous assessment during seminars and classes; final test
W03	knows the principles of contemporary imaging studies, in particular: a) radiological symptomatology of common diseases, b) instrumental methods and imaging techniques used to perform therapeutic procedures,	K_F.W10	Continuous assessment during seminars and classes; final test

	c) indications, contraindications and preparation of patients for particular types of imaging examinations and contraindications to the use of contrast media		
W04	knows the basic principles of pharmacotherapy	K_C.W37	Continuous assessment during seminars and classes; final test
W05	knows and understands the concept of disability	K_E.W30	Continuous assessment during seminars and classes; final test
U01	evaluates and describes the somatic and mental state of the patient	K_E.U13	Continuous assessment during seminars and classes
U02	Carries out complete and guided physical examination of adult patient	K_E.U3	Continuous assessment during seminars and classes
U03	interprets laboratory tests and identifies the causes of deviations	K_E.U24	Continuous assessment during seminars and classes
U04	assesses the general condition, state of consciousness and awareness of the patient	K_E.U7	Continuous assessment during seminars and classes
U05	carries out differentiation diagnostics of most frequent diseases in adults and children	K_E.U12	Continuous assessment during seminars and classes
U06	plans diagnostics, therapeutic and preventive procedures	K_E.U16	Continuous assessment during seminars and classes
K01	Demonstrates the awareness for self-education, understands the need for continuing professional education, can inspire and organize learning processes in others	K_K03	Continuous assessment during seminars and classes
K02	collaborates with other team members; is able to cooperate in a group, taking different roles in it	K_K04	Continuous assessment during seminars and classes
K03	maintains the proper relations between the examiner and the examined person during observations and functional tests	K_K05	Continuous assessment during seminars and classes

K04	is aware of patients' rights	K_K11	Continuous assessment during seminars and classes
K05	respects patients/customers/social groups and makes decisions in their best interest	K_K20	Continuous assessment during seminars and classes

Table presenting learning outcomes of the subject/module in relation to the form of classes								
No. Of learning outcome	learning outcomes	Types of training						
		Lecture	Seminar	Classes	Clinical classes	Symulations	E-learning	Other forms
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 teaching contents

No. of of teaching content	Contents of teaching programme	No. of hours	Reference to teaching outcomes
Seminars			
TK01	Rheumatoid arthritis	1	W01, W02, W03, W04, W05
TK02	Systemic lupus erythematosus and antiphospholipid syndrome	1	W01, W02, W03, W04, W05
TK03	Necrotising vasculitis	1	W01, W02, W03, W04
TK04	Inflammatory spondyloarthropathies	1	W01, W02, W03, W04, W05
Clinical 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. Practical application of the disease activity assessment scale. Eligibility for biological treatment.	3	U05, U06, K01, K02, K03, K04, K05
TK03	Diagnosis of systemic connective tissue diseases and establishing a plan of therapeutic interventions: pharmacological and non-pharmacological. Comprehensive analysis and verification of pharmacotherapy of a rheumatological patient. Principles for treatment of with disease-modifying drugs.	3	U01, , U02, U03, U04, U05, U06, K01, K02, K03, K04, K05
TK04	Assessment of the musculoskeletal system. Diagnostics and treatment of soft tissue pain syndromes	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	Mixed systemic scleroderma, connective tissue disease, overlap syndromes, diagnosis and treatment	1	W01, W02, W03, W04, W05
TK03	Sjogren syndrome, diagnosis and treatment	1	W01, W02, W03, W04, W05
TK04	Gout, diagnosis and treatment	1	W01, W02, W03, W04

References and educational resources

Davidson's Essential of Medicine

Clinical Rheumatology. Editor Marek Brzosko.

Student's workload (balance sheet of ECTS points)	
Form of student's activity (in-class participation;activeness, produce a report, etc.)	Student's workload [h]
	In teachers' estimation (h)
Activities that require direct participation of tutors	30
Preparation to the classes	9
Reading of the indicated/specified literature	4
Report writing/project making	-
Time spent to prepare for the test/credit	5
Time spent to prepare for the exam	
Other	
Student's workload in total	49
ECTS points	1
Remarks	