



## SYLLABUS of the Module General Information

<b>Module title: Internal diseases - Geriatrics</b>	
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 4/ semester VII and VIII
ECTSpoints	1
Type/s of training	Lectures (e-learning) -2hours, Seminars –4hours, Classes –12hours, In total –18hours
Method of verification of learning outcomes *	<input checked="" type="checkbox"/> graded assessment: * <ul style="list-style-type: none"> <li><input type="checkbox"/> descriptive</li> <li><input checked="" type="checkbox"/> test</li> <li><input type="checkbox"/> practical</li> <li><input type="checkbox"/> oral</li> </ul> <input type="checkbox"/> non-graded assessment <ul style="list-style-type: none"> <li><input type="checkbox"/> final exam: <ul style="list-style-type: none"> <li><input type="checkbox"/> descriptive</li> <li><input checked="" type="checkbox"/> test</li> <li><input type="checkbox"/> practical</li> <li><input type="checkbox"/> oral</li> </ul> </li> </ul>
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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
	<a href="https://www.pum.edu.pl/wydzialy/wydzial-lekarsko-stomatologiczny/klinika-reumatologii-i-chorob-wewnetrznych">https://www.pum.edu.pl/wydzialy/wydzial-lekarsko-stomatologiczny/klinika-reumatologii-i-chorob-wewnetrznych</a>
Language	english

### Detailed information

Module objectives		Provide basic knowledge in the field of geriatrics. The aim of the course is to present the clinical picture, diagnosis, differentiation and treatment of the most common geriatric problems. Clinical exercises are intended to improve the skill of collecting an interview and performing physical examination of geriatric patients, as well as conducting a comprehensive assessment of the condition of a geriatric patient on the basis of standardized scales. Students learn about the specificity of dealing with a geriatric 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 earlier stages of education. Knowledge of diagnostics and pharmacotherapy of internal diseases.
	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 and understands the course and symptoms of the aging process as well as the principles of a comprehensive geriatric assessment and interdisciplinary care in relation to an elderly patient	K_E.W8	ocenie ciągłe na ćwiczeniach; zaliczenie testowe
W02	understands the causes and knows the basic differences in the most common diseases occurring in the elderly and the rules of conduct in basic geriatric syndromes	K_E.W9	ocenie ciągłe na ćwiczeniach; zaliczenie testowe
W03	knows and understands the causes, symptoms, principles of diagnosis and therapeutic management in the most common diseases of the nervous system, including: dementia, in particular Alzheimer's disease, frontal dementia, vascular and dementia and other dementia,	K_E.W14	ocenie ciągłe na ćwiczeniach; zaliczenie testowe
W04	zna i rozumie zagrożenia związane z hospitalizacją ludzi w podeszłym wieku	K_E.W11	ocenie ciągłe na ćwiczeniach; zaliczenie testowe

W05	knows and understands the dangers of hospitalization of elderly people	K_E.W10	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	qualifies the patient for home and hospital treatment	K_E.U20	continuous assessment during classes
U03	assesses pressure ulcers and applies appropriate dressings	K_E.U35	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 of adults and children	K_E.U12	continuous assessment during classes
U06	plans diagnostic, therapeutic and prophylactic procedures	K_E.U16	continuous assessment during classes
U07	conducts an analysis of possible side effects of individual drugs and their interactions	K_E.U17	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	observes 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	K_K20	continuous assessment during classes

Table of Learning outcomes in relation to the form of activity

No. of Learning outcome	Learning outcomes	Forma zajęć						
		Lecture	Seminar	Practical	Clinical classes	Symulations	E-learning	other
W01	K_E.W8		x					

W02	K_E.W9		x				x	
W03	K_E.W14		x					
W04	K_E.W11		x					
W05	K_E.W10						x	
U01	K_E.U13			X				
U02	K_E.U20			X				
U03	K_E.U35			X				
U04	K_E.U7			X				
U05	K_E.U12			X				
U06	K_E.U16			X				
U07	K_E.U17			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	No OF PROGRAM CONTENT	No OF PROGRAM CONTENT	No OF PROGRAM CONTENT
<b>winter/summer Semester</b>			
<b>Seminars</b>			
TK01	1. Introduction to geriatrics and gerontology. The pathophysiology of aging. Pathophysiology, symptomatology and diagnostics of the frailty syndrome.	1	W01
TK02	2. Comprehensive geriatric evaluation, Types and diagnosis of dementia. Disturbance of consciousness, delirium.	1	W03
TK03	3. Urinary and fecal incontinence. Geriatric oncology.	1	W02
TK04	4. Pressure sores. Falls, gait disturbances. The specificity of geriatric pharmacotherapy, taking into account multi-drug therapy and polypharmacy.	1	W04, W05
<b>Practical classes</b>			

TK01	The specificity of collecting an interview and physical examination of a geriatric patient. Performing a comprehensive geriatric assessment with the use of adequate scales and tests (including VES-13, ADL, IADL, MMSE, Tinetti, "get up and go"). Pressure ulcer risk assessment (Norton scale)	4	U01, U03, K01, K02, K03, K04, K05
TK02	Discussing the classification and practical diagnosis of dementia, disturbances of consciousness, delirium and establishing individual management. Therapeutic management in incontinence. Practical application of the Barthel scale - qualification for institutional care.	4	U01, U02, U04, U05 U06
TK03	Diagnostics of the frailty syndrome and setting the plan of therapeutic interventions: pharmacological and non-pharmacological. Comprehensive analysis and verification of pharmacotherapy of a geriatric patient. Practical rules of management of "great geriatric syndromes". Assessment of the musculoskeletal system	4	U05, U06, U07, U08
<b>E-learning - e-lectures</b>			
TK01	Disorders of the musculoskeletal system of a geriatric patient.	1	W02
TK02	Geriatric pharmacotherapy including multidrug and polypharmacy.	1	W05

### Recommended literature

Essentials of clinical geriatrics / Robert L. Kane, Joseph G. Ouslander, Barbara Resnick, Michael L. Malone. New York] : McGraw-Hill Education, 2018

Oxford Textbook of Geriatric Medicine, Oxford University Press,

### 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	18
Preparation for exercises / seminar	9
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	36
ECTS points	1
Remarks	