



Distance learning (asynchronous)																				
Summer Semester																				
Direct (contact) education					15															
Online learning (synchronous)	5																			
Online learning (asynchronous)																				
TOTAL per year:																				
Direct (contact) education					20															
Online learning (synchronous)	10				10															
Online learning (asynchronous)																				
Educational objectives :																				
<p>C1. Making students familiar with interdisciplinary knowledge on problems of elderly people: different aspects of ageing process – biological, psychological and social; causes and mechanisms of ageing including modifiable and unmodifiable factors.</p> <p>C2. Obtaining by students a capability of performing the Comprehensive Geriatric Assessment (CGA), using tests evaluating everyday functioning and health state of elderly persons.</p> <p>C3. Getting knowledge about a specificity of course of diseases, diagnostic problems and treatment modes in the elderly patients.</p> <p>C4. Getting knowledge about problems connected with an iatrogenic syndrome in elderly patients.</p> <p>C5. Learning of organization and standards of geriatric care, and fundamentals of medical qualification of elderly patients to the various institutional forms of care.</p> <p>C6. Awareness of significance of Giant Geriatric Syndromes and a role of physician in the caring process.</p>																				
Education result matrix for module/course in relation to verification methods of the intended education result and the type of class																				
Number of course education result	Number of major education result	Student who completes the module/course knows/is able to			Methods of verification of intended education results (forming and summarising)					Form of didactic class <i>**enter the abbreviation</i>										
W 01	E. W08	Student defines various aspects of the ageing process and describe the examinations creating the Comprehensive Geriatric Assessment (CGA).			Credit test					L/ EL										
W 02	E. W09	Student explains a specificity of diseases in elderly patients and defines the major problems and syndromes occurring in older adults (Giant Geriatric Problems)			Credit test					L/ EL										
W 03	E. W10	Students explains differences of pharmacotherapy (drugs doses!) and a risk of the drug-induced complications in the elderly			Credit test					L/ EL										
W 04	E. W11	Student describes standards of the elderly patients' hospitalization			Credit test					L/ EL										
W 05	E. 12	Student defines principles of the geriatric care and the burdens of caregivers of elderly persons			Credit test					L/ EL										



U 01	E. 01	Student is able to assess the medical, economic and social consequences of the ageing process	History taking from the geriatric patients	CC
U 02	E. U3	Student performs the patients' assessment using the particular clinical scales applied in Comprehensive Geriatric Assessment (CGA)	Examination of the geriatric patients using the CGA scales and tests	CC/ EL
U 03	E. U5, E. U13	Student performs the physical examination in elderly patients manifesting disorders of the cardiovascular, pulmonary, alimentary and movement systems	Physical examination of the geriatric patients	CC
U 04	E. U5	Student is able to examine patients with mental, cognitive, depressive and manic disorders, and with previous stroke episode	Usage of the adequate CGA tests	CC/ EL
U 05	E. 16	Student plans the diagnostic, therapeutic and preventive procedures in elderly persons	Home task – CGA scales	CC/EL
U 06	E. 16	Student performs geriatric analysis of adverse effects of the individual medicines and is able to determine the interactions between the various medical preparations	Home task - CGA scales	CC/EL
K 01		Student can get in touch with patients; actively and effectively cooperates within the team	Observation	CC

** L - lecture; SE - seminar; AC – auditorium classes; MC – major classes (non-clinical); CC – clinical classes; LC – laboratory classes; SCM – specialist classes (magister studies); CSC – classes in simulated conditions; FLC – foreign language course; PCP practical classes with patient; PE – physical education (obligatory); VP – vocational practice; SS – self-study, EL – E-learning .

Please mark on scale 1-5 how the above effects place your classes in the following categories:
communication of knowledge, skills or forming attitudes:

Knowledge: 4

Skills:5

Social competences: 5

Student's amount of work (balance of ECTS points)

Student's workload (class participation, activity, preparation, etc.)	Student Workload (h)
1. Contact hours:	20
2. Online learning hours (e-learning):	20
3. Student's own work (self-study):	15
Total student's workload	55
ECTS points for module/course	2,0
Comments	

Content of classes (please enter topic words of specific classes divided into their didactic form and remember how it is translated to intended educational effects)

Lectures

1. Process of ageing in various aspects: biological, psychological and social.
2. Specificity of clinical management in elderly patients: taking of history and physical examination – Comprehensive Geriatric Assessment (CGA).
3. Giant Geriatric Problems: gait and balance disorders, falls, bedsores, urine and stool incontinence.
4. Impairments of cognitive functions in old age: dementia, delirium, depression, manic syndromes.
5. Specificity of diseases in elderly patients: unusual presentation and course of disease, multi-morbidity (multiple disorders), polypharmacy and polypragmasia, nutritional status.



6. Cardiovascular system in old age: heart failure, hypertensive disease, arrhythmias.
7. Frailty syndrome. Sarkopenia. Nutrition problems.
8. Disorders of mobility, falls, injuries, osteoporosis. Vision and hearing impairments.
9. Quality of life in old age, possibilities of its improving, compensatory care.
10. Organization of care for elderly people in Poland. Examples of the geriatric care systems in EU.

Seminars

Practical classes

1. Comprehensive Geriatric Assessment (CGA) in elderly patients in the geriatrics ward.
2. CGA – practical usage of tests and scales specifically purposed for elderly people.
3. CGA – examination of the elderly patient: the Tinetti test (risk of falls); the scales of Katz, Lawton, and Barthel (simple and complex everyday functioning); the scales of Norton, Braden's, Torrance's (risk of bedsores); the scale of Cummins (operation risk >70 years); the MNA (Mini Nutritional Assessment - general and antropometric assessment, assessment of diet, self-assessment of patient), CAM (delirium).
4. Examination of elderly patients with impairments of cognitive functions: dementia, depression.
5. CGA – assessment of mental and emotional state of the elderly patient – dementia assessment: the Folstein MMSE (Mini Mental State Examination) and the Clock Drawing Test ; depression assessment: the GDS (Geriatric Depression Scale by Yesavage), the Hamilton scale, the Beck scale.
6. Brain insult (stroke), parkinsonism, venous insufficiency, thromboembolic disease in elderly patients: clinical presentation, diagnosis and treatment in old age.
7. Cardiovascular diseases in elderly patients (coronary artery disease, arterial hypertension, heart failure) – clinical presentation, diagnosis and treatment in old age.
8. Diseases of the respiratory system (infectious, COPD, tuberculosis, tumors) – clinical presentation, diagnosis and treatment in old age.
9. Impairments of the locomotor system, disorders of the genital-urinary system – clinical presentation, diagnosis and treatment in old age.
10. Obesity, impairments of the thyroid gland and diabetes mellitus in old age.
11. Menopause and andropause – physiological and pathological consequences.
12. Traumatism, problems with miction and defecation, vision and hearing disorders – clinical presentation, diagnosis and treatment in old age. Compensatory care and method for improving quality of life in elderly people.
13. Examination of the elderly patients with Giant Geriatric Problems.
14. Qualification an examinations of the elderly patients in the care-and-treatment institutions.
15. Credit of the Course – skills in examinations of the old adults patients and colloquium in knowledge on geriatrics.

Other

Basic literature (list according to importance, no more than 3 items)

1. JF Halter et al.: Hazzard's Geriatric Medicine and Gerontology, 7th edition, McGraw-Hill Education, 2017.
2. F. Lally, Ch. Roffe: Geriatric Medicine: an evidence-based approach, Oxford Medical Press, 2014.
3. R. Kane, J. Ouslander: Essentials of Clinical Geriatrics, Mc Graw Hill Education,, 7th edition, 2013.

Additional literature and other materials (no more than 3 items)

Articles and presentations provided by the teacher.

Didactic resources requirements (e.g. laboratory, multimedia projector, other...)

The 'old age' simulation suit, the hemiplegia simulation suit, CGA scales forms, stethoscopes, sphygmomanometer, multimedia projector, laptop



Preliminary conditions (minimum requirements to be met by the student before starting the module/course)

Basic knowledge on internal diseases, neurology and psychiatry, as well a skill of objective and subjective examination of patients.

Conditions to receive credit for the course (specify the form and conditions of receiving credit for classes included in the module/course, admission terms to final theoretical or practical examination, its form and requirements to be met by the student to pass it and criteria for specific grades)

CREDIT TEST – TO PASS STUDENT MUST GET min. 60% of the correct answers

NOTE: Attendance at all classes is obligatory – in the case of absence (incl. rector's/dean's days/hrs) – missing class must be made up on the rules agreed with a teacher.

Grade:	Criteria (only for courses/modules ending with an examination)
Very Good (5.0)	95%-100% of proper answers
Good Plus (4.5)	88%-94% of proper answers
Good (4.0)	78%-87% of proper answers
Satisfactory Plus (3.5)	70%-77% of proper answers
Satisfactory (3.0)	60%-69% of proper answers
	Criteria (only for courses/modules ending with e credit)
Credit	Does not apply to the Faculty of Medicine

Grade:	Criteria (examination evaluation criteria)
Very Good (5.0)	
Good Plus (4.5)	
Good (4.0)	
Satisfactory Plus (3.5)	
Satisfactory (3.0)	
Unit realizing the subject	Department of Geriatrics



Unit address	Wrocław, M. Curie-Skłodowskiej str. 66
Telephone	71 784 24 28
E-Mail of didactic tutor:	karolina.lindner@umed.wroc.pl

Person responsible for module	prof. Małgorzata Sobieszcańska. MD PhD
Coordinator	
Telephone	71 784 24 28
E-Mail	malgorzata.sobieszczanska@umed.wroc.pl

List of persons conducting specific classes				
Full name	Degree/scientific or professional title	Discipline	Performed profession	Form of classes
Małgorzata Sobieszcańska	Professor	medicine	Physician	L, CC, EL
Karolina Lindner	MD PHD	medicine	Physician	CC, EL
Joanna Żórawska	MD	medicine	Physician	CC, EL
AnnaParużyńska	MD	medicine	Physician	CC, EL
Małgorzata Szymala - Pędzik	MD	medicine	Physician	CC, EL
Krzysztof Pachotek	MD	medicine	Physician	CC, EL

Date of Syllabus development

30.09.2020.

Syllabus developed by

Małgorzata Sobieszcańska

Uniwersytet Medyczny we Wrocławiu
KATEDRA I KLINIKA GERIATRII
kierownik

prof. dr hab. Małgorzata Sobieszcańska

Signature of Head of teaching unit

Signature of Faculty Dean

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