

**SYLLABUS of the Module**

**General Information**

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| Module title**:** Internal diseases **- Geriatrics** | |
| 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 | Seminars –6hours, Classes –12hours,In total –18hours |
| Method of verification of learning outcomes [[1]](#footnote-1) | **☒** graded assessment: \*  ☐ descriptive  **☒** test  ☐ practical  ☐ oral  ☐ non-graded assessment  ☐ final exam:  ☐ descriptive  **☒** test  ☐ practical  ☐ 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**

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| 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 colletcting an interview and performing physical examination of geriatrical patients, as well as conducting a comprehensive assessment of the condition of a geriatrical 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 |

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| 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 | ocenianie 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 | ocenianie 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 | ocenianie ciągłe na ćwiczeniach; zaliczenie testowe |
| W04 | zna i rozumie zagrożenia związane z hospitalizacją ludzi w podeszłym wieku | K\_E.W11 | ocenianie 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 |

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| Table of Learning outcomes in relation to the form of activity | | | | | | | | |
| **No. of** Learning outcome | Learning outcomes | **Forma zajęć** | | | | | | |
| **Lecture** | **Seminar** | **Practical classes** | **Clinical classes** | **Symulations** | **E-learning** | **other** |
| W01 | K\_E.W8 |  | x |  |  |  |  |  |
| W02 | K\_E.W9 |  | x | x |  |  |  |  |
| W03 | K\_E.W14 |  | x | x |  |  |  |  |
| W04 | K\_E.W11 |  | x | x |  |  |  |  |
| W05 | K\_E.W10 |  |  | x |  |  | 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 |  |  |  |  |

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| TABLE OF PROGRAM CONTENTS | | | |
| No OF PROGRAM CONTENT | No OF PROGRAM CONTENT | No OF PROGRAM CONTENT | No OF PROGRAM CONTENT |
| **winter/summer Semester** | | | |
| **Seminars** | | | |
| 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 |
| **Practical classes** | | | |
| 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 fraility 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 |
| **E-learning - e-lectures** | | | |
| TK01 | Disorders of the musculoskeletal system of a geriatric patient. | 1 | W02 |
| TK02 | Geriatric pharmacotherapy including multidrug and polypharmacy. | 1 | W05 |

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| **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](https://www.libristo.pl/wydawnictwo/Oxford%20University%20Press.html), |

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| Student’sworkload (balance sheet of ECTS points) | |
| Form of student workload  (participation in classes, activity, preparation of reports, etc.) | Student’s workload [h] | |
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| 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 | |

1. [↑](#footnote-ref-1)