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| Study program: Doctoral Academic Studies in Biomedical Sciences | | |
| Name of the subject: CURRENT ISSUES IN GERIATRICS | | |
| Teacher(s): Vesna S. Turkulov, Milica K. Medić-Stojanoska, Dejan B. Sakač, Marija G. Žarkov, Biljana S. Zvezdin, Marija D. Semnic, Vojislava V. Bugarski Ignjatović, Borislava L. Nikolin | | |
| Status of the subject: elective | | |
| Number of ECTS points: 20 | | |
| Condition: | | |
| Goal of the subject The main goals of teaching geriatrics are to get acquainted with the most current theories of aging, both at the molecular and cellular level, then with health problems in the geriatric population, emphasizing the most significant differences in clinical manifestations, diagnosis and treatment of diseases and various conditions. Interactive methods of education within workshops, differential diagnostic and therapeutic considerations based on the presented case reports. | | |
| Outcome of the subject Acquiring knowledge of cyto gerontology, various theories of aging and immunosenium. Adoption of the latest knowledge on etiopathogenesis, clinical manifestations as well as specifics in the treatment of the most common diseases in the geriatric population. Independent conducting of scientific research work in the field of geriatrics. | | |
| Content of the subject <i>Theoretical lectures</i> <ol style="list-style-type: none"> 1. Molecular and cellular biology of aging 2. Immune system in old age 3. Dementia 4. Cerebrovascular diseases in old age 5. Parkinsonism, gait disorders in the elderly 6. Atherosclerosis and hypertension 7. Menopause and andropause 8. Endocrinological and metabolic disorders in the elderly 9. Sociopsychological aspects of aging 10. Psychological disorders in the elderly 11. Infections in the elderly 12. Oncological diseases in the elderly 13. Self-medication, polypragmatism, compliance and drug interactions 14. Basic principles of palliative treatment 15. Dying and death <i>Practical lectures</i> <ol style="list-style-type: none"> 1. Population aging and sociodemographic aspects of aging 2. Quality of life of the elderly and health care of the elderly 3. Institutional and non-institutional care for the elderly 4. Reviews and analyzes of the 10 most common pathological conditions in old age 5. Preparation of two seminar papers in consultation with the mentor (topic of the candidate's choice) | | |
| Literature <ol style="list-style-type: none"> 1. Davidović. Geriatrics, Faculty of Medicine, Belgrade, 1998. 2. Davidović, Milosević, Kostić. Contemporary Geriatrics, 2003 3. Vukadinov et al. Geriatrics for medical students. Faculty of Medicine Novi Sad, 2006. 4. Landefeld SC, Palmer MR, Johnson MA, Johnson BC, Lyons LW. Current Geriatric Diagnosis and Treatment. The McGraw Hill Companies, 2004. New York, USA | | |
| Number of active classis | Theory: 60 | Practice: 45 |
| Methods of delivering lectures Lectures, workshops, seminar papers. | | |
| Evaluation of knowledge (maximum number of points 100) lectures: 15 | | |

seminars: 40

SRW: 5

oral exam: 40