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|  **UNIVERSITY OF NIŠ** |
| **Course Unit Descriptor** | **Faculty**  |  |
| **GENERAL INFORMATION** |
| Study program  | **Medicine** |
| Study Module (if applicable) |  |
| Course title | Nuclear medicine |
| Level of study | ☐Bachelor x Master’s ☐ Doctoral |
| Type of course | x Obligatory ☐ Elective |
| Semester  |  ☐ Autumn xSpring |
| Year of study  | 4 |
| Number of ECTS allocated | 2 |
| Name of lecturer/lecturers |

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| Илић С. Слободан | рeдoвни прoфeсoр |
| Рајић П. Милена | редовни прoфeсoр |
| Влајковић Ж. Марина | ванредни професор |

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| Teaching mode |  xLectures ☐Group tutorials ☐ Individual tutorials xLaboratory work ☐ Project work ☐ Seminar ☐Distance learning ☐ Blended learning ☐ Other |
| **PURPOSE AND OVERVIEW (max. 5 sentences)** |
| During the theoretical and practical classes in the course, students should get the fundamental information about clinical diagnostic and therapeutic use of radiopharmaceuticals. Students, future general practitioners and specialists in various disciplines, will be able to use as indicated and interpret the findings of radionuclide methods in specific clinical disciplines. |
| **SYLLABUS (brief outline and summary of topics, max. 10 sentences)** |
| *Theory*Involves lectures in general and special nuclear medicine. The general part involves physicochemical properties of radionuclides, mechanisms of distribution of radiopharmaceuticals, specificities of nuclear medicine instrumentation, and basics of radionuclide methods.The special part involves the use of radionuclide methods in various clinical disciplines.*Practice*Demonstration of scintigraphic findings in different clinical disciplines and interactive practice of their interpretation. The second phase of practice consists of comparation of scintigraphy findings with compatible imaging procedures (other visualization methods). |
| **LANGUAGE OF INSTRUCTION** |
| xSerbian (complete course) x English (complete course) ☐ Other \_\_\_\_\_\_\_\_\_\_\_\_\_ (complete course)☐Serbian with English mentoring ☐Serbian with other mentoring \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| **ASSESSMENT METHODS AND CRITERIA** |
| **Pre exam duties** | **Points** | **Final exam** | **points** |
| **Activity during lectures** | **10** | **Practical examination** | **10** |
| **Practical teaching** | **20** | **Oral examination** | **30** |
| **Tests** | **30** | **OVERALL SUM** | **100** |
| **\*Final examination mark is formed in accordance with the Institutional documents** |