


University of Niš Faculty of Medicine	Study program: INTEGRATED ACADEMIC STUDIES OF MEDICINE <i>ACCREDITATION 2018</i>	
Course: Nuclear medicine		
Course head: prof. dr Miloš Stević		
Course status:	Required	
Semester: VIII	Study year: IV	
ECTS: 2	Course code: M-IV-31	
Course purpose:		
During the theoretical and practical classes in the course, students should get the fundamental information about clinical diagnostic and therapeutic use of radiopharmaceuticals.		
Course outcome: (knowledge, skills, attitudes)		
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.		
Nr. of classes of active teaching: 30		
Lectures: 15	Practice: 15	
Course contents		
<p><i>Theory</i> 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.</p> <p><i>Practice</i> Demonstration of scintigraphic findings in different clinical disciplines and interactive practice of their interpretation. The second phase of practice consists of comparison of scintigraphy findings with compatible imaging procedures (other visualization methods).</p>		
Recommended literature:		
<ol style="list-style-type: none"> 1. Bogičević M, Ilić S. Nuklearna Medicina, Klinika i metodologija SIIC, Niš, 2007. 2. Sandler MP. Diagnostic Nuclear Medicine, Lippincot Williams and Wilkins, Philadlphia, 2003. 3. Practical Nuclear medicine, Editors: P.F.Sharp, H.G.Gemmell, A.D.Murray, Springer 2005 4. Nuclear Medicine, Editors: H.Ziessman, J Malley, J Thrall, Elseivier, 4th edition, 2013 		
Teaching methods:		
<ul style="list-style-type: none"> ▪ Interactive theoretical and practical teaching ▪ Consultations ▪ Seminars 		
Required previously passed exams:		
None		
Grade (max. 100 points)		
Pre-exam obligations		
<ul style="list-style-type: none"> ▪ Attendance and activity at lectures: 0 – 10 points ▪ Activity at practice classes: 0 – 20 points ▪ Tests: 0 – 30 points ▪ Practical exam: 0 – 10 points <p>Practical exam consists of the analysis of a graph and is not eliminatory, but impacts the grade.</p>		
Final exam		
<ul style="list-style-type: none"> ▪ Oral exam: 0 – 30 points 		