


University of Niš Faculty of Medicine	Study program: INTEGRATED ACADEMIC STUDIES OF MEDICINE <i>ACCREDITATION 2018</i>	
Course: Neonatology		
Course head: Prof. dr Hristina Stamenković		
Course status:	Elective	
Semester: X	Study year: V	
ECTS: 3	Course code: M-V-44.d	
Course purpose:		
Deeper insight into the physiology and pathology of neonatal period, with up-to-date approach to the biology of adaptive period, feto-maternal relationship, prenatal diagnosis, prevention of individual disorders.		
Course outcome: (knowledge, skills, attitudes)		
Ability of future doctors to recognize basic disorders in newborns related to early immunologic incompetence and to refer the patients to adequate professionals for appropriate diagnosis.		
No. of classes of active teaching: 45		
Lectures: 15	Practice: 30	
Course content		
<p><i>Theory</i> Students will learn about the details in perinatal medicine, with special characteristics and first adaptation days, diagnosis, and treatment of early infections and sepsis, as well as with early detection of consequences of bleeding and hypoxia.</p> <p><i>Practice</i> Details of newborn examination, with special focus on the umbilical cord, skin, and early detection of CNS, urinary, and cardiovascular anomalies. Newborn care knowledge and skills are adopted, manipulation with severely ill newborns (tube/probe placements, lumbar puncture, cannula placement, parenteral feeding, intubation, management of children on assisted ventilation, etc.).</p>		
Recommended literature:		
<ol style="list-style-type: none"> 1. Pedijatrija-Neonatologija, Vojislav N. Perišić, Borisav Janković, Medicinski fakultet Univerziteta u Beogradu, 2010 ISBN 978-86-7117-272-1 2. Nelson-Pediatric-Neonatology, Richard E.Behrman, Robert M. Kliegman, Hal B. Jenson, SAUNDERS, 2014 3. Fanaroff-Neonatal-Perinatal Medicine, Elsevier Science, 2016 ISBN 9781455756179 4. Tricia Lacy Gomella-Neonatology, McGrawHill, 2013 ISBN 97800071816991 		
Teaching methods:		
<ul style="list-style-type: none"> ▪ Interactive theoretical and practical teaching ▪ Consultations ▪ Seminar papers 		
Required previously passed exams:		
None		
Grade (max. 100 points)		
Pre-exam obligations		
<ul style="list-style-type: none"> ▪ Activity at classes: 0 – 10 points ▪ Seminar papers: 0 – 30 points ▪ Practical exam: 0 – 20 points 		
Final exam		
<ul style="list-style-type: none"> ▪ Written exam: 0 – 40 points 		