

Study program: REPRODUCTIVE BIOLOGY			
Course title: Histology and cytology of female genital system			
Teacher: Dušan Lalošević			
Course status: elective			
ECTS: 4			
Requirements: -			
Course objectives A detailed understanding of the female genital tract, the types of epithelia and functional changes of the epithelia under the influence of hormones.			
Learning outcomes Upon completion of this course, students will be able to: 1. Explain the structure of the female genital system; 2. Describe the detailed structure of the epithelium in the female genital system; practically apply the Papanikolau method of staining; 3. Analyze the Pap smear to the level of distinction normal from the pathological image; define the result of a Pap smear analysis as normal or susceptible, which requires specialist analysis.			
Syllabus Theory teaching 1. Epithelia in the female genital tract. 2. History and introduction to clinical gynecological cytology 3. Vagina 4. Index of eosinophilia and karyopicnosis 5. The role of Lactobacilli and other flora 6. Developmental changes of the epithelia, atrophy 7. Cervix, transformation zone 8. Dysplasia of the epithelium 9. Uterine corpus 10. Decidual reaction 11. Uterine tube 12. Ovarium - developmental changes 13. Seminar, colloquium, pre-examination consultations and exercises Practical teaching Microscopic exercises on animal and human material, analysis of histological preparations of the female genital system. Papanicolau staining method, practical performance and interpretation of results.			
Literature 1. Riotton G, Christopherson WM. Cytology of the female genital tract - World Health Organization, Geneva, 1973 2. Boon M, Suurmeijer AJH. The Pap Smear. Harwood Academic Publ. GmbH, Leyden 1996.			
Weekly teaching load			
Lectures: 2	Practical lectures: 1+0+0		
Teaching methods Theoretical lectures, microscopic exercises, consultations			
Evaluation of knowledge (maximum score 100)			
Pre-exam obligation	Points	Final exam	Points
Student engagement in lectures	10	Test/Written exam	
Practical laboratory		Oral exam	60
Tests	30		
Seminar			