

Study program: REPRODUCTIVE BIOLOGY			
Course title: Infertility of males			
Teacher: Goran Marušić			
Course status: elective			
ECTS: 3			
Requirements: -			
Course objectives Learning objectives are to introduce students to etiology, clinical portrait, diagnostic procedure and therapy of different states that lead to low fertility.			
Learning outcomes Upon successful completion of pre-examination and examination tasks, students will be able to: - successfully differ varieties of low fertility causes - understand procedures needed for discovering causes of infertility - have attitude on particular therapeutic options for such conditions			
Syllabus <i>Theoretical instruction</i> Congenital factors (cryptorchidism and testicular dysgenesis, congenital absence of the vas deferens); Acquired urogenital abnormalities (obstructions, torsion of testicles, tumors of testicles, orchitis); Urogenital system infections; Increased temperature of testicles (as a result of varicocele); Endocrine system diseases; Genetic abnormalities; Immune factors; System disorders; Outer factors (medicals, toxins, radiation, lifestyle); Unknown-idiopathic			
Literature 1. World Health Organization. WHO Laboratory Manual for the Examination of Human Semen and Sperm-Cervical Mucus Interaction. 5th edn. Cambridge: Cambridge University Press, 2010. http://whqlibdoc.who.int/publications/2010/9789241547789_eng.pdf 2. EAU Guidelines, edition 2015. Male Infertility. http://www.uroweb.org/fileadmin/guidelines/2015_Guidelines_large_text_print_total_file.pdf			
Weekly teaching load	Lectures: 2	Practical lectures: 0+0+0	
Teaching methods Lecturers, consultation			
Evaluation of knowledge (maximum score 100)			
Pre-exam obligations	points	Final exam	points
Student engagement in lectures	5	Final exam	
Practical lectures		Oral exam	60
tests	35	