



Study program/Study programs: Doctoral Academic Studies in Biomedical Sciences		
Subject title: MEDICINES IN OBSTETRICS - THERAPEUTIC ATTITUDES AND DILEMMAS		
Teacher: Mirjana A. Bogavac, Zorica S. Grujić, V. Turkulov, Ljiljana V. Gvozdrenović, Biljana S. Zvezdin, Branislava U. Srđenović Čonić, Mirna D. Đurić, Jadranka V. Dejanović, Aleksandra D. Nikolić, Aljoša D. Mandić, Slobodan D. Spasojević, Dejan M. Čelić		
Subject status: elective		
Number of points: 20		
Requirement: -		
Aim of subject The aim of the course is to acquaint PhD students with the latest professional and scientific views in the field of pharmacotherapy in obstetrics, to be instructed in rational pharmacotherapy in pregnancy and lactation, as well as to be able to notice side effects and potential interactions of different groups of drugs.		
Outcome of the case Knowledge: Upon completion of the course, students will be able to understand and apply the concept of modern evidence-based medicine / pharmacy in gynecology and obstetrics and identify, assess and solve problems related to the use of drugs in gynecology and obstetrics. Skills: Students will master the complete technique of communication with health professionals and patients about rational pharmacotherapy in gynecology, pregnancy and lactation, as well as the most modern methods of monitoring side effects and detecting potential interactions of different groups of drugs used simultaneously.		
Course content Theoretical classes		
<ul style="list-style-type: none"> - Specifics of drug use in gynecology, pregnancy and lactation. Pharmacotherapy and breastfeeding. - Treatment of infections in pregnancy, thyrostatics, thyroxine, interferons, antiviral drugs and antibiotic protection in pregnancy and lactation - Vaccination and immunoprophylaxis in gynecology, pregnancy and lactation - Use of analgesics in pregnancy and lactation - Anesthesia in childbirth and epidural analgesia - Nutrition of pregnant and lactating women - energy needs, macronutrients. Protective substances and dietary supplements in pregnancy - Phytopreparations in pregnancy and lactation - Occupational exposure of pregnant women to harmful substances and teratogenicity of drugs - Anticoagulants, procoagulants in gynecology and obstetrics. Nonsteroidal antirheumatic drugs. Antiarrhythmics - Uterotonics and tocolytics. Estrogens and progestogens - Insulin and oral hypoglycemics in pregnancy and lactation - Cytostatics in gynecology - Use of drugs in premature infants-surfactant - Newborn addicted mother, neonatal abstinence syndrome, fetal alcohol syndrome - Treatment of bronchial asthma in pregnancy - Cardiac therapy in pregnancy - Immunosuppressive therapy of systemic connective tissue diseases in pregnancy - Influence of pharmacotherapy on the values of biochemical and hematological parameters in pregnancy - Determination of drug levels in body fluids in pregnancy 		
Literature		
<i>Obligatory</i>		
1. Varagic V, Milosevic M. Pharmacology. Institute for Textbooks. Belgrade, 2014		
<i>Additional</i>		
1. Djelmiš J, Francetic I, Ivanisević M. Drugs in pregnancy and lactation. National and University Library. Grafing, Zagreb, 2003		
2. Djurđević S, Kopitovic V, Kapamadzija A. Gynecology. University of Novi Sad, Faculty of Medicine, 2015		
Number of hours of active teaching	Theory: 60	Practice: 45
Teaching methods		

Evaluation of knowledge (maximum number of points 100)

seminars: 40

written exam: 50

oral exam. 10