

Study program: Integrated Academic Studies in Medicine
Course title: Gynaecology and Obstetrics
Teacher: Tihomir R. Vejnović, Mirjana A. Bogavac, Zorica S. Grujić, Ljiljana S. Mladenović Segedi, Aljoša D. Mandić, Aleksandar B. Ćurčić, Artur L. Bjelica, Đorđe S. Petrović, Nenad B. Ćetković, Đorđe L. Ilić
Course status: compulsory
ECTS Credits: 12
Condition: Internal medicine; Dermatovenereology; Pharmacology and Toxicology 2
Course aim: During the theoretical classes medical students will be familiar with the course of normal pregnancy and childbirth, delivery and modern management of obstetric operations. Special attention will be paid to pathological conditions that complicate pregnancy and childbirth. Introduction to etiopathogenesis, clinical presentation, diagnostic procedures, the basic principles of therapeutic and prevention of diseases of female genital organs (inflammatory disease, benign and malignant tumors), as well as modern methods of family planning, contraception, diagnosis and treatment of marital sterility. During the practical part of teaching (ie. student exercises) medical students acquire and obtain basic practical knowledge in the field of obstetrics and gynaecology, obstetrics and gynaecology ultrasound examination as well as the most frequently performed interventions.
Expected outcome of the course: After completion of the two-semester program, students should know how to diagnose a normal pregnancy, recognize pathological pregnancy, perform basic gynaecological examination under a speculum, take cytological smear and perform bimanual gynaecological examination. Also, after completion of the two-semester program, students should pass exam in obstetrics and gynaecology. Exam consists of a written test, a practical and oral part of the exam.
<p>Course description</p> <p><i>Theoretical education</i></p> <p>Obstetrics</p> <ul style="list-style-type: none"> - Prenatal and antenatal care of pregnant women - Physiology of pregnancy and normal placentation - Management of normal labour and delivery - Mechanisms of labor in the vertex presentation and breech presentations and delivery - Cesarean section and operative vaginal deliveries - High risk pregnancies (Rh isoimmunization and ABO incompatibility, diabetes in pregnancy, intrauterine growth restriction, hypertensive syndrome in pregnancy, preterm delivery) - Anemia in pregnancy - Multiple gestations - Post-term pregnancy and induction of labor - Prenatal diagnostics and ultrasound in obstetrics <p>Gynaecology</p> <ul style="list-style-type: none"> - Anomalies of female reproductive system - Pelvic inflammatory diseases in gynaecology - Gynaecological urology (stress and urge urinary incontinence, low urinary tract symptoms) - Benign and malignant tumors of female genital organs - Pathology of genital organs in juvenile and adolescent age - Marital infertility - Assist. reproductive techniques - Family planning <p><i>Practical education</i></p> <ul style="list-style-type: none"> - Obstetric and gynaecologic history - Examination of pregnant women (external and internal) - Gynaecologic physical examination (general, speculum and bimanual examination)
<p>Literature</p> <p><i>Compulsory</i></p> <p>1. Hacker NF, Moore JG. Essentials of obstetrics and gynaecology 5th edition. W.B. Saunders company, 2009.</p>

2. Evans AT, DeFranko E. Manual of obstetrics 8th edition. Wolters Kluwer, 2015.
 3. Bienstock JL, Fox HE, Wallach EE. Johns Hopkins Manual of gynaecology and obstetrics, 5th edition. Wolters Kluwer, 2015.
- Additional*
1. Cundiff GW, Azziz R, Bristow RE. Te Linde's atlas of gynaecologic surgery. Wolters Kluwer, Lippincott Williams & Wilkins, 2015.
 2. Cunningham FG, Leveno KJ, Bloom SL, Spong CY, Dashe JS, Hoffman BL, Casey BM, Sheffield JS. Williams. Obstetrics 24th edition. McGraw-Hill Education, 2014.

Number of active classes	Theoretical classes: 75	Practical classes: 105 Other classes: 30
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Teaching methods

Student activity assessment (maximally 100 points)			
Pre-exam activities	points	Final exam	points
Lectures	10	Written	15
Practices	20	Oral	35
Colloquium	10	
Essay	10		