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| **Course title** | **Code** | **Semester** | **Type of course** | **Course volume (Contact hours)** | **ECTS** |
| **Introduction to Gynecology and Obstetrics** | **MED****3010** | **V** | **Mandatory** | 70 | **4** |
| **Faculty, the educational program and level of education** | * School of Medicine and Health Sciences
* Higher Medical Educational Program “Medicine”
* One cycle 6-year
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| **Learning Course Content** |
| * Introduction to obstetrics and gynecology. the main stages of development of obstetrics and gynecology. Anatomy of female genital organs. pelvic bones. Bone pelvis from obstetric point of view and fetus as object of delivery.
* 5 levels of regulation of the menstrual cycle. Ovarian cycle, menstrual cycle.
* Methods of examination in obstetrics and gynecology, bases of history taking
* Menstrual cycle disorders (classification, definition, terminology, etiology, pathogenesis, signs and symptoms, diagnosis), amenorrhea(primary, secondary), menstrual bleeding,
* Neuroendocrine syndromes: polycystic ovary syndrome, hyperandrogenism, hyperprolactinemia and premenstrual syndrome.
* Menopause,classification, definition, physiological changes, symptoms and signs, examination
* Physiology of pregnancy. Diagnosis of pregnancy. Examination of pregnant woman, Leopold maneuvers, Ultrasonography . Obstetrical Terminology
* Antenatal care (counseling, nutrition, exercise), planned visits. Fetal monitoring: fetal heartbeat, fetal biophysical profile frequency of movements, stress tests, stress tests, ultrasound examination, dopplerometry.
* Screening for congenital anomalies: a double and triple test. Amniocentesis, chorionic villus biopsy, cordocentesis, genetic testing
* Periods of delivery, The mechanism of labor, the biomechanism of labor. Clinical care of delivery. Partogram. Anesthesia during labor.
* Multiple pregnancy and labour. DOPS
* Cesarean section, history, classification. early and late complications. Small cesarean section
* The physiology of the postpartum period, physiological changes, breast feeding, management of the postpartum period
* Bases of contraception after delivery (methods, indication and contraindications)
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| **Textbooks and Materials** |
| * Clinical Gynecology- Bieber, Eric; Horowitz,Ira R; Churchill Livingstone Elsevier; 2012;
* Williams Gynecology- Hoffman, Barbara L; Schorge ,Hohn O; McGraw Hill Medical; 4th.ed; 2020
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