

**Medical Doctorate (MD) Blueprint for Obstetrics and Gynecology**  
**Academic year 2020- 2021**

- **Department offering the training program:** Ob/Gyn department
- **Starting year:** 2020- 2021
- **Code:** OBGYN 928
- **Course Coordinator:** Prof. Nadine Sherif
- **Head of OB/GYN Department:** Prof. Ehab Soliman

**Distribution of the Allocated marks:**

Medical Doctorate (MD) degree sit for a written (obstetrics/ gynecology/ commentary/ basic and elective), clinical, and oral (obstetrics/ gynecology) exams to obtain their degree.

		<b>Obstetrics (marks)</b>	<b>Gynecology (marks)</b>	<b>Basic</b>	<b>Elective</b>
written	Short essay	60	60	150	50
	MCQs	90	90		
	Commentary	50	50		
Oral		50	50		
Clinical (long/ short cases)		50	50		
<b>TOTAL</b>		<b>250</b>	<b>250</b>	<b>150</b>	<b>50</b>

**List of Topics (their weight out of 100%):**

**I. OBSTETRICS (50%)**

- 1. Basic clinical skills (5%)**
- 2. Basic surgical skills (5%)**
- 3. Antenatal care including prenatal diagnosis (11%)**
- 4. Early pregnancy care and bleeding in early pregnancy (15%)**
- 5. Management of labor and delivery (17%)**
- 6. Bleeding in late pregnancy (15%)**
- 7. Complications of the third stage and postpartum problems (16%)**
- 8. Medical disorders during pregnancy (16%)**

**II. GYNECOLOGY (50%)**

- 1. Basic clinical skills (5%)**
- 2. Basic surgical skills (5%)**
- 3. Endocrine disorders (16%)**
- 4. General gynecology (8%)**
- 5. Upper and lower genital tract infections (15%)**
- 6. Family planning & contraception (16%)**
- 7. Infertility (10%)**
- 8. Urogynecology (5%)**
- 9. Gynecologic Oncology (15%)**
- 10. Gynecologic emergencies (5%)**

Topic	Method of Assessment				
	Written			Oral	Clinical (OSCE)
	SAQ	MCQs	Commentary		
<b>I.OBSTETRICS</b>					
<b>1. Basic clinical skills (5%)</b>					
• Obtain and record a relevant history/ analyze the history/ prioritize the problems				√	
• Clinical examination/ formulate a clear diagnostic plan					√
<b>2. Basic surgical skills (5%)</b>					
• Preoperative patient preparation		√		√	√
• Basics of surgical technique				√	√
• Postoperative care in elective and emergency settings.				√	√
<b>3. Antenatal care (11%)</b>					
• Preconception care	√	√		√	
• Physiology of pregnancy	√	√		√	
• Routine antenatal care	√	√		√	
• Prenatal diagnosis of congenital anomalies & genetic screening	√	√	√	√	√
<b>4. Early pregnancy care &amp; bleeding in early pregnancy (15%)</b>					
• Abortion	√	√	√	√	
• Ectopic pregnancy	√	√	√	√	
• Gestational trophoblastic diseases	√	√	√	√	√
<b>5. Management of labor and delivery (17%)</b>					

• Mechanisms of normal and abnormal labor	√	√	√	√	√
• Management of vaginal delivery	√	√	√	√	
• Induction & augmentation of labor	√	√	√	√	
• Structure and use of partograms		√		√	√
• Fluid balance in labor and transfusion	√	√		√	
• Regional and general anesthesia	√	√		√	
• Assessment of fetal wellbeing	√	√		√	√
• Intrauterine fetal death (IUFD)	√	√	√	√	√
• Maternal collapse	√	√	√	√	
• Operative vaginal delivery	√	√	√	√	√
<b>6. Bleeding in late pregnancy (15%)</b>					
• Placenta previa	√	√	√	√	√
• Accidental hemorrhage	√	√	√	√	
• Vasa previa	√	√	√	√	
• Gynecological causes	√	√	√	√	√
<b>7. Complications of third stage and postpartum problems (16%)</b>					
• Postpartum hemorrhage	√	√	√	√	
• Retained placenta & placenta accreta	√	√	√	√	
• Puerperal pyrexia	√	√	√	√	
<b>8. Medical disorders in pregnancy &amp; puerperium (16%)</b>					
• Hypertension	√	√	√	√	
• Heart disease	√	√	√	√	
• Circulatory disorders					
• Haemoglobinopathies					
• Gastrointestinal disorders	√	√	√	√	
• Liver diseases					

• Endocrine disorders	√	√	√	√	
• Obesity with pregnancy					
• Perinatal mental health	√	√	√	√	
• Neurological diseases					
• Connective tissue diseases	√	√	√	√	
• Pulmonary diseases	√	√	√	√	
• Infectious diseases	√	√	√	√	
• Neoplasia	√	√	√	√	
• Urinary tract disorders	√	√	√	√	
<b>II.GYNECOLOGY</b>					
<b>1. Basic clinical skills (5%)</b>					
• Obtain and record a relevant history/ analyze the history / prioritize the problems				√	
• Clinical examination/ formulate a clear diagnostic plan					√
<b>2. Basic surgical skill course (5%)</b>					
• Preoperative patient preparation		√		√	√
• Basics of surgical technique				√	√
• Postoperative care in elective and emergency settings.				√	√
<b>3. Endocrine disorders (16%)</b>					
• Menstrual Disorders	√	√	√	√	
• Abnormal uterine bleeding (AUB)	√	√	√	√	√
• Amenorrhoea	√	√	√	√	
• Normal and abnormal puberty	√	√	√	√	
• Menopause	√	√	√	√	
<b>4. General gynecology (8%)</b>					
• Fibroid	√	√	√	√	
• Adenomyosis & endometriosis	√	√	√	√	
• Chronic pelvic pain	√	√	√	√	
• Congenital anomalies of the genital tract	√	√	√	√	
<b>5. Upper and lower genital</b>					

<b>tract infections (15%)</b>					
• Vaginal & vulval infections	√	√		√	
• Pelvic inflammatory diseases (PID)	√	√	√	√	
<b>6. Family planning &amp; contraception (16%)</b>					
• Physiological	√	√		√	
• Physical and chemical barriers	√	√	√	√	√
• hormonal	√	√	√	√	√
• IUD	√	√	√	√	√
• Sterilization	√	√	√	√	
• Emergency contraception	√	√	√	√	
<b>7. Infertility (10%)</b>					
• Assessment & management of infertile couple	√	√	√	√	√
• Assisted reproductive techniques (ART)	√	√	√	√	√
<b>8. Urogynecology (5%)</b>					
• Anatomy, physiology and pathophysiology of pelvic floor	√	√		√	
• Urinary and faecal incontinence	√	√	√	√	
• Urogenital prolapse	√	√	√	√	√
<b>9. Gynecologic oncology (15%)</b>					
• Functional ovarian cysts & benign ovarian neoplasms	√	√	√	√	√
• Premalignant and malignant conditions of vulva	√	√	√	√	√
• Premalignant and malignant conditions of cervix	√	√	√	√	√
• Premalignant and malignant conditions of uterus	√	√	√	√	√

• premalignant and malignant conditions of ovary	√	√	√	√	√
<b>10. Gynecologic emergencies (5%)</b>					
• Vulval abscesses	√	√	√	√	
• Complicated ovarian masses	√	√	√	√	
• Acute vaginal bleeding (in non-pregnant patients)	√	√	√	√	

**Postgraduate Course  
Coordinator**

**Prof. Nadine Sherif**

**Head of OBGYN  
Department**

**Prof. Ehab Soliman**