



# Mansoura University Faculty of Medicine

## Log Book

Obstetrics & Gynecology Department  
2017 - 2018

ختم القسم

إيصال تسليم Log Book

اسم الطالب : .....

الفرقة : .....

رقم الجلوس : .....

تاريخ التسليم : .....

توقيع المستلم : .....



## رسالة الكلية

"تقديم مستوى عال التميز في التعليم والتدريب الطبي  
وتقديم خدمات صحية متميزة للمجتمع  
عن طريق المراكز الطبية المتخصصة  
وكذلك الإرتقاء بالبحث العلمي"

## رؤية الكلية

"أن نصنف إقليميا ونحقق التميز في التعليم الطبي  
والبحوث وخدمة المجتمع"

**Course Specifications**  
**Obstetrics & Gynecology**

**Faculty :** Medicine  
**Department :** Obstetrics and Gynecology

**Course Specifications**

Programme(s) on which the course is given : MBBCH  
Department offering the course : Obstetrics and Gynecology  
Academic year / level : 2015/ 2016/ Sixth year  
Date of specification approval : 24/8/2016

**A- Basic information**

Title: Obstetrics and Gynecology Code: GYN  
Lecture: 110h Tutorial: 46h Practical 168h Total: 324h

**B- Professional Information**

**1 - Overall Aims of Course**

The general aim of the course is to provide students with knowledge, skills and attitudes necessary to make an essential Obstetrics and Gynecology framework of the general practitioner including awareness of the common Obstetrics and Gynecology emergencies. In addition, the students will be acquainted with the main activities of scientific research and community service provided by the department.

**2 – Intended Learning Outcomes of Course (ILOs)**

**a- Knowledge and Understanding:**

**a.1.Obstetrics:**

**By the end of this course the student (the learner) will be able to :**

- a.1.1. Define fertilization, implantation and early development of the human fetus.
- a.1.2. Enumerate the various physiologic maternal changes in response to pregnancy, nutritional requirements and different precautions in early pregnancy.
- a.1.3. Recognize the various complications in early & late pregnancy.
- a.1.4. Describe the various causes of antepartum hemorrhage, their diagnosis and management.
- a.1.5. Enlist the various medical disorders complicating pregnancy and their management.
- a.1.6. Recognize different hypertension related disorders related to pregnancy, their risk factors, prevention of complications and their management.
- a.1.7. Explain the different teratogenic subjects and their effects on the growing fetus.
- a.1.8. Identify the normal and abnormal human parturition and its management.
- a.1.9. Identify the normal and abnormal uterine actions and their effect on the process of labor.
- a.1.10. Summarize the different complications of the third stage of labor and how to manage and how to resuscitate new born and describe normal and abnormal perpuerium
- a.1.11. Identify the different types of fetal injuries that may occur during labor and describe the etiology, mechanism, types, diagnosis and treatment of common Obstetric injuries.
- a.1.12. Memorize of the different causes of maternal & neonatal mortality, especially in Egypt and how to prevent.
- a.1.13. Recall the different operative interventions in obstetrics and underline the different drugs use (analgesia and anesthesia)
- a.1.14. Describe the normal and abnormal anatomy of fetal skull and female bony pelvis

a.1.15. Recognize criteria of life threatening situations in Obstetrics.

**a.2. Gynecology:**

**By the end of this course, the student (the learner) will be able to:**

- a.2. 1. Describe normal embryology and anatomy of the genital system.
- a.2. 2. Enlist the common genital anomalies that affect the genital tract and describe a summary of their treatments.
- a.2. 3. Summarize the common diseases affecting the genital tract.
- a.2. 4. Enumerate the various causes of genital tract infection, common pathogens and common infection routes and risk factors.
- a.2. 5. Enlist of the different sexually transmitted diseases, illustrate their mode of infection, and discuss their prevention, diagnosis and management.
- a.2. 6. Discuss the normal and abnormal aspects of human sexuality and how to deal with the different sexuality disorders.
- a.2. 7. Recognize the different causes of abnormal uterine bleeding and how to diagnose and manage.
- a.2. 8. Recognize of the different causes of male and female infertility, how to diagnose and manage.
- a.2. 9. Describe the various types of tumors affecting the genital system, the etiology, pathology, diagnosis and treatment.
- a.2. 10. Explain the groups of symptoms of the genitourinary tract.
- a.2. 11. Identify the different aspects of pelvic floor function and its disorders.
- a.2. 12. Recognize the different methods and indications of contraception.
- a.2. 13. Review the mechanism and treatment of gynecologic emergencies.
- a.2. 14. Recognize the different problems of female breast and how to reach a diagnosis and management.
- a.2. 15. Discuss the reproductive medicine and women's health.
- a.2. 16. Identify the common uses of laparoscopy in Obstetrics and Gynecology; both diagnostic and therapeutic.
- a.2. 17. List the different uses of ultrasound in Obstetrics and Gynecology.
- a.2. 18. Recognize criteria of life threatening situations in Gynecology.

**b- Intellectual Skills**

**By the end of this course, the student (the learner) will be able to:**

- b.1. Relate anatomy, physiology of female reproductive system with clinical manifestation and integrate them with clinical care of gynecologic and obstetric patients
- b.2. Solve clinical problems related to the gynecologic, reproductive and obstetric medicine:
- b.3. Apply personal judgment for analytical and critical problem solving.
- b.4. Integrate the results of history, physical and laboratory test findings into a meaningful diagnostic formulation.
- b.5. Construct appropriate management strategies for patients with gynecologic reproductive and obstetric diseases, both acute and chronic, including medical, psychiatric, and surgical conditions.
- b.6. Design an initial course of management for stabilization of patients with gynecologic reproductive or obstetric emergency
- b.7. Retrieve, analyze, and evaluate relevant and current data from literature, using information technologies and library resources, in order to help solve a clinical problem based on evidence (EBM).

**c-Professional and Practical Skills**

**By the end of this course the student (the learner) will be able to:**

- c1. Take focused history in a patient complaining of an obstetric and gynecologic complaint.
- c2. Interview and examine patients in the outpatient clinic.
- c3. Perform obstetric grips examination.
- c4. Detect fetal heart sounds by Pinard's stethoscope, sonicaid and cardiotocography.
- c5. Differentiate between the normal and abnormal colposcopic findings.
- c6. Perform normal and abnormal vaginal delivery (skill Lab)
- c7. Interpret the hysterosalpingogram and semen analysis for infertile couples.
- c8. Use the equipments used in the Obstetrics and Gynecology department as Cusco's speculum, volselum, uterine sound, cytobrush.
- c9. Assess the mental state of the patient
- c10. Record patients' data appropriately.
- c11. Adopt suitable measures for infection control.
- c12. Elicit naked eye appearance of different obstetrics & gynecology disorders (museum)

**d-General and Transferable Skills**

**By the end of this course the student (the learner) will be able to:**

- d.1. Communicate ideas and arguments effectively.
- d.2. Work effectively within a team.
- d.3 Perform effective communication with the patient and the tutor.

**3 – Contents**

Topic	No. of hours	Percentage / total hrs	Lecture / clinical tutorial	Clinical round
Fertilization, Implantation and Early Development	1	0.309	1	
Placenta and placental function				
Amniotic Fluid      Fetal Circulation	1	0.309	1	
Maternal Physiological Changes During Pregnancy	4	1.235		3
Diagnosis of Pregnancy			1	
Vomiting During Pregnancy	4	1.235	1	3
Fetopelvic Relationships	4	1.235	1	3
Normal and Abnormal Uterine Action	4	1.235	1	3
Contracted Pelvis and Cephalopelvic Disproportion	4	1.235	1	3
Trial Labor	4	1.235	1	3
Occipitoposterior position	2	0.617	1	1
Face Presentation      Brow Presentation	2	0.617	1	1
Breech Presentation	4	1.235	2	2
Shoulder Presentation	2	0.617	1	1
Complex Presentation	1	0.309	1	
Cord Presentation				
Episiotomy	4	1.235		4
Multiple Pregnancy	4	1.235	1	3
Obstetric Analgesia and Anesthesia	1	0.309	1	
Urinary Tract Disorders with Pregnancy	1	0.309	1	
Prematurity and Preterm Labor	4	1.235	1	3
Post Maturity	4	1.235	1	3
IUGR	4	1.235	1	3
Intrauterine Fetal Death	1	0.309	1	
Polyhydramnios and Oligohydramnios	4	1.235	1	3
Macrosomia & Shoulder Dystocia	4	1.235	1	3
Rh Isoimmunisation	4	1.235	1	3
High risk pregnancy	1	0.309	1	
Antepartum Assessment of Fetal Well-being	4	1.235	1	3
Teratology	1	0.309	1	
Common Fetal Anomalies	4	1.235	1	3

Topic	No. of hours	Percentage / total hrs	Lecture / clinical tutorial	Clinical round
Soft Tissue Obstruction      Obstructed Labor	4	1.235	1	3
Uterine Rupture	4	1.235	1	3
Genital Tract Injuries During Labor	4	1.235	1	3
Abnormal Third Stage	4	1.235	1	3
Postpartum Hemorrhage	4	1.235	1	3
Fetal Birth Injuries	4	1.235	1	3
Fetal Asphyxia	4	1.235	1	3
Puerperium and Postnatal Care	1	0.309	1	
Puerperal Pyrexia	4	1.235	1	3
Induction of Labor and Abortion	4	1.235	1	3
Ecbolics	1	0.309	1	
Maternal and Perinatal Mortality	1	0.309	1	
Antenatal Care	4	1.235	1	3
Female Pelvis and Fetal Skull	4	1.235		4
Normal labor	5	1.543	2	3
Abortion	4	1.235	1	3
Ectopic Pregnancy	4	1.235	1	3
Vesicular Mole	4	1.235	1	3
Placenta previa	4	1.235	1	3
Accidental Hemorrhage	4	1.235	1	3
Hypertensive Disorders in Pregnancy	5	1.543	2	3
Diabetes in pregnancy	4	1.235	1	3
Cardiovascular Disease	4	1.235	1	3
Anemias during pregnancy	4	1.235	1	3
Premature Rupture of Membranes	4	1.235	1	3
Instrumental Deliveries in Modern Obstetric Practice	4	1.235		4
Cesarean Section	4	1.235	1	3
Version in modern obstetrics	1	0.309		1
Ultrasound in Obstetrics	4	1.235		4
Anatomy of the Female Genital Tract	4	1.235	1	3
Embryology of The Female Genital Tract	4	1.235	1	3
Gynecological Endocrinology	4	1.235	2	2
Physiology of the Menstrual Cycle	4	1.235	1	3
Puberty	4	1.235	1	3
Menopause	4	1.235	1	3
Dysmenorrhea , Premenstrual Syndrome (PMS) Pelvic Pain	2	0.617	2	
Amenorrhea	4	1.235	2	2
Sexuality and Sexual Dysfunctions	4	1.235	1	3
Female Genital Cutting (Mutilation)	1	0.309	1	
Anovulation	4	1.235	1	3
Hyperprolactinemia	4	1.235	1	3
Defects of corpus luteum Lutenized unruptured follicle				
Virilization in Females & Hirsutism	4	1.235	2	2
Sexually Transmitted Diseases (STDs)	2	0.617	2	
Pelvic Inflammatory Disease (PID)	2	0.617	2	
Infections of the female genital tract	2	0.617	1	1
Female genital tuberculosis Bilharziasis of the female genital tract	1	0.309	1	
Chronic inversion of the uterus	4	1.235	1	3
Retroversion and Retroflexion (RVF)	4	1.235	1	3
Genito-urinary fistulae	4	1.235	1	3
Old Complete perineal tear Recto-vaginal fistula	4	1.235	2	2
Endometriosis - Adenomyosis	1	0.309	1	
Introduction to gynecological oncology. Preinvasive diseases of the lower female Genital Tract.	4	1.235	1	3
Physics & Biology of Radiotherapy	1	0.309	1	
Breast Evaluation for the Gynecologist	1	0.309	1	

Topic	No. of hours	Percentage / total hrs	Lecture / clinical tutorial	Clinical round
Abnormal Bleeding from the Genital Tract	1	0.309	1	
Dysfunctional Uterine Bleeding (DUB)	4	1.235	1	3
Infertility	5	1.543	2	3
Leukorrhea Pruritus Vulvae	4	1.235	1	3
Urogenital Prolapse	5	1.543	2	3
Female Urinary Incontinence	4	1.235	2	2
Uterine Fibroid	4	1.235	1	3
Cysts and Swellings Related to Vulva Chronic Vulval Dystrophies (Dermatoses)	4	1.235	1	3
Carcinoma of the Vulva	4	1.235	1	3
Invasive Vaginal Cancer	1	0.309	1	
Carcinoma of the Cervix	5	1.543	2	3
Endometrial Hyperplasia	1	0.309	1	
Carcinoma of the Body of the Uterus	4	1.235	1	3
Ovarian Tumors	5	1.543	3	2
Gestational Trophoblastic Disease (GTD)	4	1.235	1	3
Contraception	3	0.926	2	1
<b>Total</b>	<b>324</b>	<b>100%</b>	<b>110</b>	<b>214</b>

Topic	a.1.1	a.1.2	a.1.3	a.1.4	a.1.5	a.1.6	a.1.7	a.1.8	a.1.9	a.1.10	a.1.11	a.1.12	a.1.13	a.1.14	a.1.15	a.2.1	a.2.2	a.2.3	a.2.4	a.2.5	a.2.6	a.2.7	a.2.8	a.2.9	a.2.10	a.2.11	a.2.12	a.2.13	a.2.14	a.2.15	a.2.16	a.2.17	a.2.18		
<b>Fertilization, Implantation and Early Development</b>	√																																		
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<b>Fetopelvic Relationships</b>														√																					
<b>Normal and Abnormal Uterine Action</b>									√																										
<b>Contracted Pelvis and Cephalopelvic Disproportion</b>														√																					
<b>Trial Labor</b>								√																											
<b>Malposition and malpresentation</b>								√																											
<b>Episiotomy</b>													√																						
<b>Multiple Pregnancy</b>								√																											
<b>Obstetric Analgesia and Anesthesia</b>													√																						
<b>Urinary Tract Disorders with Pregnancy</b>					√																														
<b>Prematurity and Preterm Labor</b>			√					√																											
<b>Post Maturity</b>			√					√																											
<b>IUGR</b>	√					√																													
<b>Intrauterine Fetal Death</b>			√					√																											
<b>Polyhydramnios and Oligohydramnios</b>			√																																√
<b>Macrosomia &amp; Shoulder Dystocia</b>					√				√				√																						
<b>Rh Isoimmunisation</b>			√							√																									
<b>High risk pregnancy</b>			√							√			√		√																				
<b>Antepartum Assessment of Fetal Well-being</b>						√	√																												
<b>Teratology</b>							√																												
<b>Common Fetal Anomalies</b>							√																												
<b>Soft Tissue Obstruction</b>								√	√				√																						
<b>Obstructed Labor</b>									√																										



Topic	a.1.1	a.1.2	a.1.3	a.1.4	a.1.5	a.1.6	a.1.7	a.1.8	a.1.9	a.1.10	a.1.11	a.1.12	a.1.13	a.1.14	a.1.15	a.2.1	a.2.2	a.2.3	a.2.4	a.2.5	a.2.6	a.2.7	a.2.8	a.2.9	a.2.10	a.2.11	a.2.12	a.2.13	a.2.14	a.2.15	a.2.16	a.2.17	a.2.18	
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Ecbolics													√																					
Maternal and Perinatal Mortality												√																						
Antenatal Care		√																																
Female Pelvis and Fetal Skull								√	√					√																				
Normal labor								√	√																									
Bleeding in early pregnancy			√													√																		
Bleeding in late pregnancy			√	√											√																			
Hypertensive Disorders in Pregnancy				√	√	√									√																			
Diabetes & Cardiovascular Disease in pregnancy			√		√																													
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Puberty																√																	√	

Topic	a.1.1	a.1.2	a.1.3	a.1.4	a.1.5	a.1.6	a.1.7	a.1.8	a.1.9	a.1.10	a.1.11	a.1.12	a.1.13	a.1.14	a.1.15	a.2.1	a.2.2	a.2.3	a.2.4	a.2.5	a.2.6	a.2.7	a.2.8	a.2.9	a.2.10	a.2.11	a.2.12	a.2.13	a.2.14	a.2.15	a.2.16	a.2.17	a.2.18			
Menopause																√															√					
Dysmenorrhea																																				
Premenstrual Syndrome (PMS)																																√				
Pelvic Pain																																				
Amenorrhea																√	√	√													√		√			
Sexuality and Sexual Dysfunctions																						√														
Female Genital Cutting (Mutilation)																√															√			√		
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Hyperprolactinemia																√								√												
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Dysfunctional Uterine Bleeding (DUB)																							√						√							
Infertility																√	√	√						√							√	√	√			
Leukorrhoea																			√	√	√															
Pruritus Vulvae																																				
Urogenital Prolapse																																			√	√
Female Urinary Incontinence																										√	√									

Topic	a.1.1	a.1.2	a.1.3	a.1.4	a.1.5	a.1.6	a.1.7	a.1.8	a.1.9	a.1.10	a.1.11	a.1.12	a.1.13	a.1.14	a.1.15	a.2.1	a.2.2	a.2.3	a.2.4	a.2.5	a.2.6	a.2.7	a.2.8	a.2.9	a.2.10	a.2.11	a.2.12	a.2.13	a.2.14	a.2.15	a.2.16	a.2.17	a.2.18		
Uterine Fibroid																√		√							√	√								√	
Cysts and Swellings Related to Vulva																			√																
Chronic Vulval Dystrophies (Dermatoses)																		√																	
Cancer of the female genital tract																									√										
Contraception																												√				√			

Topic	b.1	b.2	b.3	b.4	b.5	b.6	b.7	c1	c2	c3	c4	c5	c6	c7	c8	c9	c10	c11	c12	d1	d2	d3	
Fertilization, Implantation and Early Development	√							√															
Placenta and placental function	√							√															
Amniotic Fluid	√							√															
Fetal Circulation	√							√															
Maternal Physiological Changes During Pregnancy	√	√					√			√	√												
Diagnosis of Pregnancy	√	√					√			√	√												
Vomiting During Pregnancy				√	√	√			√	√													
Fetopelvic Relationships									√	√													
Normal and Abnormal Uterine Action	√		√										√										
Contracted Pelvis and Cephalopelvic Disproportion	√		√										√							√			
Trial Labor							√						√				√			√		√	√
Malposition and malpresentation													√				√						√
Episiotomy	√	√					√																
Multiple Pregnancy							√				√						√					√	√
Obstetric Analgesia and Anesthesia	√																						√
Urinary Tract Disorders with Pregnancy				√	√			√															
Prematurity and Preterm Labor			√	√				√		√	√									√			
Post Maturity			√	√				√		√	√									√			
IUGR			√	√				√		√	√									√			
Intrauterine Fetal Death				√				√		√	√						√						√
Polyhydramnios and Oligohydramnios	√	√					√	√	√	√	√				√	√	√	√					√
Macrosomia & Shoulder Dystocia			√											√									
Rh Isoimmunisation	√			√			√																
High risk pregnancy	√		√				√																
Antepartum Assessment of Fetal Well-being	√			√			√																
Teratology	√						√														√		
Common Fetal Anomalies	√			√			√																
Soft Tissue Obstruction	√		√											√									

Topic	b.1	b.2	b.3	b.4	b.5	b.6	b.7	c1	c2	c3	c4	c5	c6	c7	c8	c9	c10	c11	c12	d1	d2	d3
Obstructed Labor	√	√					√						√									
Uterine Rupture			√								√		√									
Genital Tract Injuries During Labor				√									√						√			
Abnormal Third Stage			√															√				
Postpartum Hemorrhage			√															√				
Fetal Birth Injuries			√			√							√									
Fetal Asphyxia			√			√							√									
Puerperium and Postnatal Care			√				√						√									
Puerperal Pyrexia	√						√												√			
Induction of Labor and Abortion	√						√															
Ecbolics	√	√	√				√															
Maternal and Perinatal Mortality	√	√																				
Antenatal Care	√																					
Female Pelvis and Fetal Skull	√																		√			
Normal labor	√						√						√									
Bleeding in early pregnancy	√	√	√	√	√	√	√	√	√		√				√	√	√	√	√			
Bleeding in late pregnancy	√	√	√	√	√	√	√	√	√	√	√		√		√	√	√	√	√			
Hypertensive Disorders in Pregnancy	√	√	√	√	√	√	√	√	√	√	√		√		√	√	√	√				
Diabetes & Cardiovascular Disease in pregnancy	√	√			√					√	√		√		√							
Anemias during pregnancy	√		√		√					√	√				√							
Premature Rupture of Membranes	√		√	√							√											
Instrumental Deliveries in Modern Obstetric Practice	√						√						√						√			
Cesarean Section	√						√						√									
Version in modern obstetrics	√						√						√									
Ultrasound in Obstetrics	√																		√			
Anatomy of the Female Genital Tract	√	√					√															
Embryology of The Female Genital Tract	√	√					√															
Gynecological Endocrinology	√	√					√															
Physiology of the Menstrual Cycle	√	√																				
Puberty	√	√														√	√					√
Menopause	√	√														√	√					√
Dysmenorrhea	√	√																				√
Premenstrual Syndrome (PMS)															√							
Pelvic Pain																						
Amenorrhea	√	√	√	√		√	√	√	√								√	√				√
Sexuality and Sexual Dysfunctions															√	√						√

Topic	b.1	b.2	b.3	b.4	b.5	b.6	b.7	c1	c2	c3	c4	c5	c6	c7	c8	c9	c10	c11	c12	d1	d2	d3	
<b>Female Genital Cutting (Mutilation)</b>															√	√							√
<b>Anovulation</b>	√		√	√											√								
<b>Hyperprolactinemia</b>																							
<b>Defects of corpus luteum</b>	√		√				√																
<b>Lutenized unruptured follicle</b>																							
<b>Virilization in Females &amp; Hirsutism</b>	√		√																				
<b>Infections of the female genital tract</b>	√	√					√					√			√			√					
<b>Chronic inversion of the uterus</b>	√		√					√															
<b>Retroversion and Retroflexion (RVF)</b>	√		√						√						√			√					
<b>Genito-urinary fistulae</b>	√						√	√	√						√			√					
<b>Old Complete perineal tear</b>	√						√	√	√						√			√					
<b>Recto-vaginal fistula</b>																							
<b>Endometriosis</b>	√							√	√														
<b>Adenomyosis</b>																							
<b>Introduction to gynecological oncology.</b>									√						√								
<b>Preinvasive diseases of the lower female Genital Tract.</b>										√													
<b>Physics &amp; Biology of Radiotherapy</b>																							
<b>Breast Evaluation for the Gynecologist</b>										√													
<b>Abnormal Bleeding from the Genital Tract</b>	√	√	√	√	√	√	√		√														
<b>Dysfunctional Uterine Bleeding (DUB)</b>										√													
<b>Infertility</b>	√	√					√	√	√						√			√					
<b>Leukorrhea</b>															√			√					
<b>Pruritus Vulvae</b>															√								
<b>Urogenital Prolapse</b>	√		√				√								√								
<b>Female Urinary Incontinence</b>									√						√			√					
<b>Uterine Fibroid</b>	√	√					√	√	√							√	√		√				
<b>Cysts and Swellings Related to Vulva</b>																				√			
<b>Chronic Vulval Dystrophies (Dermatoses)</b>																				√			
<b>Cancer of the female genital tract</b>																				√			√
<b>Contraception</b>	√	√					√								√			√					√

## **4 – Teaching and Learning Methods**

**4.1. Lecturing, discussion, demonstration and case studies in a small group teaching.**

**4.2. Demonstration, learning by doing in the clinical rounds:**

Clinical demonstrations, practicing skills and discussions.

**4.3. Field visits:**

Field visits to the operative theater, labor ward, ultrasonic examination and colposcopic examination.

**4.4. Museum of Obstetrics and Gynecology.**

For the observations of the pathological findings of obstetrics and gynecology in the subsequent schedule

**4.5. Skill lab:** to allow students doing examinations and procedures by their hands

**4.6 Self learning:**

In the clinical tutorial, the students are asked for preparation of certain subjects and to make opened discussion with the staff member.

In the clinical round the students are asked for preparation of PowerPoint presentation or essay on any favorable subject discussed before.

**Teaching plan:**

**A. Lectures:** in small group.

**B. Clinical lectures:** Adopting small group teaching

**C. Clinical rounds**

These are carried out as follows:

- Inpatient obstetric round: 3hours.
- Inpatient gynecologic round: 3hours.
- Outpatient obstetric round: 3hours.
- Outpatient gynecologic round: 3hours.
- Museum: 3hours.
- Skill lab: 3hours

## Curriculum for Outpatient Gynecologic Clinic Teaching

Weeks	Title	Details
Week 1	History taking and examination	Day 1: introduction , <b>History taking</b> , (except present history) Day 2: present history in obstetrics & general examination Day 3: present history in gynecology & general examination Day 4: abdominal examination & obstetrics maneuvers Day 5: local gynecological examination and special tests
Week 2	Bleeding from genital tract	etiologic classification , pattern (menorrhagia – metrorrhgia and polymenorrhea ), life periods ( prepubertal, adolescent , child bearing period, premenopausal, perimenopausal, postmenopausal bleeding) . Local Gyn examination
Week 3	Pelvi-abdominal mass:	description, differentiation between abdominal and pelvi abdominal, and differentiation between uterine and extrauterine masses Abdominal examination Local Gyn examination
4 Week	Pelvic organ prolapse	deficient perineum and wide introitus, types of vaginal prolapse, degrees of uterine descent and associated urinary symptoms.
Week 5	Infertility factors	male factor (normal and abnormal seminogram) , ovarian factor (detection of ovulation : mid luteal progesterone), peritoneal factors (laparoscopy).
Week 6	Vaginitis  Cervicitis	demonstration of discharge of candidiasis and trichomoniasis , bacterial vaginosis , vulvo- vaginitis of children and senile vaginitis , (clinical varieties , demonstration ) and <b>PID</b> (definition, symptoms, signs , DD and treatment )
Week 7	Fibroid	risk factors - symptoms – signs – differential diagnosis – ultrasound (demonstration) . Genital malignancies
Week 8	Infertility factors	tubal factor (HSG and laparoscopy), uterine factor (HSG and hysteroscopy) and cervical factor (post coital test)
Week 9	Female 2ry sex characters.	<b>1ry Amenorrhea:</b> I- developed breast and present uterus II- developed breast and absent uterus III- absent breast and present uterus IV- absent breast and absent uterus. Investigations (buccal smear for karyotype, laparoscopy for gonadal type) hormones (FSH, LH, prolactin) hormone withdrawal test. <b>2ry Amenorrhea :</b> common causes
Week 10	Missings + revision	
Week 11	Revision + self-assessment	<b>D.D in gynecology</b>
Week 12	Assessment	<b>exam</b>

## Curriculum for Outpatient obstetrical Clinic teaching

Weeks	Title	Subjects
Week 1	History taking and examination	Day 1: introduction , <b>History taking</b> , (except present history) Day 2: present history in obstetrics & general examination Day 3: present history in gynecology & general examination Day 4: abdominal examination & obstetrics maneuvers Day 5: local gynecological examination and special tests
Week 2	Diagnosis of early pregnancy	symptoms suggestive of early pregnancy , signs of early pregnancy, Immunological pregnancy test (demonstration).
	Methods of estimation of duration of pregnancy	excepted date ( Naegel's rule, fundal level, sonar (1st , 2nd , 3rd )
	Fetus in utero	Fetal lie , presentations, positions, engagement.
	Abdominal exam	inspection
Week 3	High risk pregnancy:	definition, risk factors from history examination and investigations. Warning (dangerous) symptoms and signs of high risk pregnancy.
	Abdominal exam	inspection + obstetrics grips (demonstration)
Week 4	Obstetric abdominal examination (Training)	fundal level, fundal grip , umbilical grip , pelvic grips .
Week 5	Ultrasonic examination demonstration	1 <sup>st</sup> trimester pregnancy (sac, embryo, CRL) 2 <sup>nd</sup> trimester pregnancy (fetus , placenta ,AF , BPD ....) 3 <sup>rd</sup> trimester pregnancy ( AFI , FL .....
Week 6	Antenatal care + obstetric examination	visits, procedure and routine investigation during pregnancy.
Week 7	Stages of normal labor(partogram)	physiology and management.
Week 8	Obstetric abdominal examination (Training):	fundal level, fundal grip , umbilical grip , pelvic grips .
Week 9	Approaching labor	symptoms and signs of onset of labor,
	Onset of labor + obstetric examination	symptoms and signs , false labor pain & true labor pain.
Week 10	Missings + revision	
Week 11	Revision + self-assessment	<b>D.D in Obstetrics</b>
Week 12	Assessment	<b>exam</b>



## Curriculum for Inpatient Gynecological Teaching

Weeks	Title	Details
Week 1	History taking and examination	Day 1: introduction , <b>History taking</b> , (except present history) Day 2: present history in obstetrics & general examination Day 3: present history in gynecology & general examination Day 4: abdominal examination & obstetrics maneuvers Day 5: local gynecological examination and special tests
Week 2	Bleeding from genital tract :	prepubertal bleeding, adolescent bleeding , child bearing bleeding , premenopausal bleeding, perimenopausal bleeding, postmenopausal bleeding) . investigations : sonar, endometrial aspiration and biopsy , CBC, others .
Week 3	Fibroid :	sheet, symptoms, signs, examination, DD, investigation (sonar , demonstration), Causes of symmetrically enlarged uterus. DD
Week 4	Pelvic organ prolapse :	types of vaginal prolapse , degrees of uterine prolapse, Lower urinary symptoms, operations of genital prolapse.
Week 5	Infertility :	types, Infertility factors : male factor (normal and abnormal seminogram) , ovarian factor ( mid luteal progesterone , sonar ),peritoneal factors (laparoscopy).Tubal factor (HSG and laparoscopy), uterine factor (HSG and hysteroscopy) and cervical factor (post coital test)
Week 6	Ovarian tumors:	characters of ovarian malignancy, staging (clinical , imaging and at laparotomy) .
Week 7	Other genital malignancies	difference between abdominal and pelvi-abdominal and difference between uterine and extra uterine.
Week 8	Infertility PCOs:	Def, symptoms, signs , sonar : lab, invest., treatment
Week 9	Female 2ry sex characters.	<b>1ry Amenorrhea:</b> definition , I- developed breast and present uterus II-developed breast and absent uterus III- absent breast and present uterus IV-absent breast and absent uterus. Investigations: hormone withdrawal test , buccal smear for karyotype, laparoscopy for gonadal type, hormones (FSH, LH, prolactin) , <b>2ry Amenorrhea :</b> common causes
Week 10	Missings + revision	
Week 11	Revision + self-assessment	D.D in gynecology
Week 12	Assessment	exam

## Curriculum for Inpatient Obstetric Teaching

Weeks	Title	Details
Week 1	<b>History taking and examination</b>	<b>Day 1:</b> introduction , <b>History taking</b> , (except present history) <b>Day 2:</b> present history in obstetrics & general examination <b>Day 3:</b> present history in gynecology & general examination <b>Day 4:</b> abdominal examination & obstetrics maneuvers <b>Day 5:</b> local gynecological examination and special tests
Week 2	<b>Antepartum hge Placenta previa</b> :	types , symptoms signs ,sonar , treatment . Differences between Placenta previa and placental abruption (accidental hge).
Week 3	<b>Preeclampsia :</b>	predisposing factors (high risk factors), symptoms of severe preeclampsia , signs , degree ,DD, special investigations , treatment .
Week 4	<b>Diabetes mellitus with pregnancy</b>	: effects of diabetes on fetus and newly born, effects of pregnancy on diabetes , antenatal care , intra-natal care ( timing and methods of delivery) , immediate post natal care (maternal and neonatal care: incubator)
Week 5	<b>Heart disease with pregnancy:</b>	functional grades heart disease, effects of pregnancy on heart disease, effects of heart disease on pregnancy, Antenatal care, intra-partum care, postpartum care .
Week 6	<b>Anemia with pregnancy</b>	, common types of anemia with pregnancy, effects of Anemia on pregnancy. Treatment of iron deficiency anemia.
Week 7	<b>Previous CS:</b>	indications of CS , advantages and disadvantages of LSCS incision.
Week 8	<b>Habitual abortion :</b> <b>IUGR :</b> <b>Antenatal death</b> :	causes and investigations criteria causes and special investigations.
Week 9	<b>PROM :</b> <b>Preterm labor :</b>	diagnosis , effects on pregnancy (maternal, fetal, newly born ) diagnosis , effects on fetus and newly born.)
Week 10	<b>Missings + revision</b>	
Week 11	<b>Revision + self- assessment</b>	<b>D.D in Obstetrics</b>
Week 12	<b>Assessment</b>	<b>exam</b>

## Jars, skill lab., Instruments and Operations.

الوقت : 10.15 - 12.15 ظ من السبت الى الأربعاء  
المكان : متحف النساء

Week	Subject	Notes
Weeks 1	History Taking	
Weeks 2	1- Pelvic Examination (skill lab) 2- Pap smear (skill lab)	الجارات المطلوب شرحها GYN 1-1 AND GYN 2-1 to GYN 2-3
Weeks 3	1- Female pelvis 2- Fetal skull 3- Fetomaternal relationships	
Weeks 4	1- Management of Second stage (skill lab) 2- Management of third stage (skill lab)	Instruments used in obstetrics
Weeks 5	Uterine fibroid	الجارات المطلوب شرحها GYN 4-1 to GYN 4-26
Weeks 6	1- Episiotomy(skill lab) 2- Partogram (skill lab)	الجارات المطلوب شرحها OBS 1-1 to OBS 1-5 AND OBS 2 to OBS 6 AND OBS 7-1 to OBS 7-2 AND OBS 8
Weeks 7	1- Endometrial hyperplasia 2- Endometrial cancer	الجارات المطلوب شرحها GYN 3-1 to GYN 3-4 AND GYN 5-1 to GYN 5-6
Weeks 8	1- IUD insertion (skill lab) 2- HSG	Instruments used in gynecology
Weeks 9	Cancer cervix	الجارات المطلوب شرحها GYN 6-1 to GYN 6-6
Weeks 10	Ovarian Cancer	الجارات المطلوب شرحها GYN 8-1 to GYN 8-13
Week 11	1- Instrumental delivery 2- Version 3- Cancer vulva 4- Cancer vagina	يبدأ من الساعة 9 ص لكل مجموعة على حدة في يوم المتحف الخاص بها الجارات المطلوب شرحها GYN 7-1 to GYN 7-2 AND GYN 9-1 to GYN 9-4
Week 12	<b>Exam</b>	

**5 – Student Assessment Methods****Methods of assessment**

- 5.1 - MCQ exam
- 5.2 - Written exam
- 5.3 – Objective structured clinical exam (OSCE)
- 5.4 – Structured oral exam
- 5.5- Objective structured clinical and practical exam (OSPE)
- 5.6 – Self learning (PPT or short essay)
- 5.7 – Log book activities
- 5.8– Skill Lab

	MCQ	Written	OSCE	OSPE	Structured oral exam	Self learning	Log book activities	Skill Lab
a.1.1	√	√						
a.1.2	√	√			√	√		
a.1.3	√	√	√		√	√	√	
a.1.4	√	√	√	√	√	√	√	
a.1.5	√	√	√	√	√	√	√	
a.1.6	√	√	√	√	√	√	√	
a.1.7	√	√	√		√	√		
a.1.8	√	√				√	√	√
a.1.9	√	√						√
a.1.10	√	√			√	√	√	√
a.1.11	√	√						
a.1.12	√	√			√	√		
a.1.13	√	√						
a.1.14	√		√		√			
a.1.15	√	√			√			
a.2.1	√	√						
a.2.2	√	√		√	√		√	
a.2.3	√	√	√	√	√		√	
a.2.4	√	√		√	√			
a.2.5	√	√		√	√		√	
a.2.6	√	√						
a.2.7	√	√	√	√	√	√	√	
a.2.8	√	√	√	√	√	√	√	
a.2.9	√	√	√	√	√	√	√	
a.2.10	√	√			√			
a.2.11	√	√			√			
a.2.12	√	√			√			

	MCQ	Written	OSCE	OSPE	Structured oral exam	Self learning	Log book activities	Skill Lab
a.2.13	√	√						
a.2.14	√	√						
a.2.15	√	√		√	√	√		
a.2.16	√	√			√	√	√	
a.2.17	√	√		√	√		√	
a.2.18	√	√			√			
b.1	√	√		√	√		√	
b.2		√		√	√		√	
b.3		√		√	√		√	√
b.4				√	√		√	
b.5		√		√	√		√	
b.6	√	√		√	√		√	
b.7		√			√			
b.8					√			
c1			√	√			√	
c2			√	√			√	
c3			√	√			√	√
c4			√				√	
c5			√				√	
c6			√	√			√	√
c7			√	√			√	√
c8			√					√
c9			√				√	
c10			√				√	
c11			√					
c12			√					√
d1						√	√	
d2						√	√	
d3				√		√	√	

**Assessment Schedule**

Assessment 1	Post round exam (mid term exam) (OSCE)	End of clinical round
Assessment 2	Structured exam (practical and clinical) (final term exam)	End of the year
Assessment 3	Written exam (final exam)	End of the year
Assessment 4	MCQ(final exam)	End of the year
Assessment 5	Structured oral exam (final exam)	End of the year
Assessment 6	logbook	End of clinical round
Assessment 7	Self-activity	End of clinical round

**Weighting of Assessments**

OSCE (Term Examination)	16%	80		
Structured Oral Examination	10%	50		
Structured exam (OSPE &OSCE) (final term)	15%	75		
skill lab	5%	25		
Final written exam	30%	150		
Final MCQ exam	20%	100		
Other types of assessment	4%	20	2% 10 logbook	2% 10 self activity
Total	100%	500		

**6 – List of References****6.1. Department book:**

- A department book is available (Lotfy S. Sherif, Editor) which includes the following parts:
  - Obstetrics book,
  - Gynecology book,
  - Clinical book,
  - M.C.Q. book.
- Another version of this book is being prepared by the faculty members and lead by the head of the department.

**6.3. Recommended books:**

- Wiliam's Obstetrics.
- High risk pregnancy.
- Munro Kerr's operative Obstetrics.
- Novak's Gynecology.

**7 – Facilities Required for Teaching and Learning****7.1Facilities used for teaching include:**

**7.1.1 Lecture halls:** these are four halls at **Mansoura University Hospitals**; Depts. 9, 10, 15 and High Risk Pregnancy Unit. Each hall is equipped with white board, overhead projector, computer, laser pointers and remote slide advancer. These are air conditioned.

**7.1.2. Outpatient clinic halls:** these are two halls. Each hall is equipped with white board, overhead projector, computer, laser pointers and remote slide advancer.

**7.1.3. Inpatient facilities:** The local intranet is equipped with patient information system and contains all the relevant information of the patients.

**7.1.4. Obstetrics and Gynecology museum:** that contains relevant jars for the different pathology specimens with a comprehensive description for each.

**7.1.5 Skill lab**

**7.1.6 Ultrasonic machines**

**7.1.6 The Web site of the department:**( <http://medfac.mans.edu.eg/department-ar/clinical->

dept-ar/2013-01-01-09-31-47 )

### 7.2. Clinical facilities:

- Four inpatient departments at Mansoura University Hospitals (MUH): two for gynecologic cases, one for high risk pregnancy and the last for both gynecologic and obstetric cases.
- One emergency unit at MUH.
- Fertility Care Unit at MUH.
- Ten rooms for outpatient service.
- Outpatient ultrasound machine and a colposcope.
- Four theatres for surgery: one in the main building that includes laparoscopy, another for emergency surgeries, one in Fertility Care Unit and the last in emergency unit.
- Emergency urological service is available through the emergency hospital.

**Course Coordinator :** Rafik Ibrahim Ibrahim Barakat, MD  
Coordinator of quality assurance unit in the department

**Head of Department :** Prof. Nasser Ellakany

## قسم التوليد وامراض النساء

### كلية الطب – جامعة المنصورة

## Blueprint

### مقدمة :

- اجمالي درجة مادة النساء والتوليد = ٥٠٠ درجة
- امتحان اخر العام النظرى = ١٥٠ درجة
- امتحان اخر العام MCQ = ١٠٠ درجة
- اجمالي الدرجات النظرية = ٢٥٠ درجة
- اجمالي عدد الساعات النظرية = ١١٠ ساعة
- الوزن النسبى للساعة التدريسية =  $١١٠ / ٢٥٠ = ٣$  درجات



Topic	No. of teaching hours (lectures)	Weight	Total Marks	Written	MCQ
Fertilization, Implantation and Early Development	1	0.91%	2	1	1
Placenta and placental function	1	0.91%	2	1	1
Amniotic Fluid - Fetal Circulation	1	0.91%	2	1	1
Maternal Physiological Changes During Pregnancy	1	0.91%	2	1	1
Diagnosis of Pregnancy	1	0.91%	2	1	1
Vomiting During Pregnancy	1	0.91%	2	1	1
Fetopelvic Relationships	1	0.91%	2	1	1
Normal and Abnormal Uterine Action	1	0.91%	2	1	1
Contracted Pelvis and Cephalopelvic Disproportion	1	0.91%	2	1	1
Trial Labor	1	0.91%	2	1	1
Occipitoposterior position	1	0.91%	2	1	1
Face Presentation - Brow Presentation	1	0.91%	2	1	1
Breech Presentation	2	1.82%	6	5	1
Shoulder Presentation	1	0.91%	2	1	1
Complex Presentation	1	0.91%	2	1	1
Cord Presentation	-		0		
Episiotomy	1	0.91%	2	1	1
Multiple Pregnancy	1	0.91%	2	1	1
Obstetric Analgesia and Anesthesia	1	0.91%	2	1	1
Urinary Tract Disorders with Pregnancy	1	0.91%	2	1	1
Prematurity and Preterm Labor	1	0.91%	2	1	1
Post Maturity	1	0.91%	2	1	1
IUGR	1	0.91%	2	1	1
Intrauterine Fetal Death	1	0.91%	2	1	1
Polyhydramnios and Oligohydramnios	1	0.91%	2	1	1
Macrosomia & Shoulder Dystocia	1	0.91%	2	1	1
Rh Isoimmunisation	1	0.91%	2	1	1
High risk pregnancy	1	0.91%	2	1	1
Antepartum Assessment of Fetal Well-being	1	0.91%	2	1	1
Teratology	1	0.91%	2	1	1
Common Fetal Anomalies	1	0.91%	2	1	1
Soft Tissue Obstruction - Obstructed Labor	1	0.91%	2	1	1
Uterine Rupture	1	0.91%	2	1	1
Genital Tract Injuries During Labor	1	0.91%	2	1	1
Abnormal Third Stage	1	0.91%	2	1	1
Postpartum Hemorrhage	1	0.91%	2	1	1
Fetal Birth Injuries	1	0.91%	2	1	1
Fetal Asphyxia	1	0.91%	2	1	1
Puerperium and Postnatal Care	1	0.91%	2	1	1
Puerperal Pyrexia	1	0.91%	2	1	1
Induction of Labor and Abortion	1	0.91%	2	1	1
Ecbolics	1	0.91%	2	1	1
Maternal and Perinatal Mortality	1	0.91%	2	1	1
Antenatal Care	1	0.91%	2	1	1
Female Pelvis and Fetal Skull	-		0		
Normal labor	2	1.82%	6	5	1
Abortion	1	0.91%	2	1	1
Ectopic Pregnancy	1	0.91%	2	1	1
Vesicular Mole	1	0.91%	2	1	1
Placenta previa	1	0.91%	2	1	1

Accidental Hemorrhage	1	0.91%	2	1	1
Hypertensive Disorders in Pregnancy	2	1.82%	6	4	2
Diabetes in pregnancy	1	0.91%	2	1	1
Cardiovascular Disease	1	0.91%	2	1	1
Anemias during pregnancy	1	0.91%	2	1	1
Premature Rupture of Membranes	1	0.91%	2	1	1
Instrumental Deliveries in Modern Obstetric Practice	-		0		
Cesarean Section	1	0.91%	2	1	1
Version in modern obstetrics	-		0		
Ultrasound in Obstetrics	-		0		
Anatomy of the Female Genital Tract	1	0.91%	2	1	1
Embryology of The Female Genital Tract	1	0.91%	2	1	1
Gynecological Endocrinology	2	1.82%	5	4	1
Physiology of the Menstrual Cycle	1	0.91%	2	1	1
Puberty	1	0.91%	2	1	1
Menopause	1	0.91%	2	1	1
Dysmenorrhea , Premenstrual Syndrome (PMS)	2	1.82%	6	5	1
Pelvic Pain					
Amenorrhea	2	1.82%	6	4	2
Sexuality and Sexual Dysfunctions	1	0.91%	2	1	1
Female Genital Cutting (Mutilation)	1	0.91%	2	1	1
Anovulation	1	0.91%	2	1	1
Hyperprolactinemia	1				
Defects of corpus luteum			2	1	1
Luteinized unruptured follicle		0.91%			
Virilization in Females & Hirsutism	2	1.82%	6	4	2
Sexually Transmitted Diseases (STDs)	2	1.82%	6	5	1
Pelvic Inflammatory Disease (PID)	2	1.82%	6	5	1
Infections of the female genital tract	1	0.91%	2	1	1
Female genital tuberculosis	1				
Bilharziasis of the female genital tract		0.91%	2	1	1
Chronic inversion of the uterus	1	0.91%	2	1	1
Retroversion and Retroflexion (RVF)	1	0.91%	2	1	1
Genito-urinary fistulae	1	0.91%	2	1	1
Old Complete perineal tear	2				
Recto-vaginal fistula		1.82%	6	4	2
Endometriosis - Adenomyosis	1	0.91%	2	1	1
Introduction to gynecological oncology.	1				
Preinvasive diseases of the lower female Genital Tract.		0.91%	2	1	1
Physics & Biology of Radiotherapy	1	0.91%	2	1	1
Breast Evaluation for the Gynecologist	1	0.91%	2	1	1
Abnormal Bleeding from the Genital Tract	1	0.91%	2	1	1
Dysfunctional Uterine Bleeding (DUB)	1	0.91%	2	1	1
Infertility	2	1.82%	5	3	2
Leukorrhea	1				
Pruritus Vulvae		0.91%	2	1	1
Urogenital Prolapse	2	1.82%	6	5	1
Female Urinary Incontinence	2	1.82%	6	5	1
Uterine Fibroid	1	0.91%	2	1	1
Cysts and Swellings Related to Vulva	1				
Chronic Vulval Dystrophies (Dermatoses)		0.91%	2	1	1
Carcinoma of the Vulva	1	0.91%	2	1	1
Invasive Vaginal Cancer	1	0.91%	2	1	1
Carcinoma of the Cervix	2	1.82%	6	5	1
Endometrial Hyperplasia	1	0.91%	2	1	1

Carcinoma of the Body of the Uterus	1	0.91%	2	1	1
Ovarian Tumors	3	2.73%	8	6	2
Gestational Trophoblastic Disease (GTD)	1	0.91%	2	1	1
Contraception	2	1.82%	6	4	2
Total	110	100%	250	150	100

Mansoura University  
Faculty of Medicine  
Obs. & Gyn. Department



# **Student's Activities Book**

**6<sup>th</sup> Year**



# **6<sup>th</sup> Year Student's Activities Book**

1. *Log Book*
2. *Course specifications*
3. *Student's guide*
4. *Self-learning*

**2017 - 2018**

**Student's Name:**

**Student's No.:**

**Address:**

**Email:**

**Mobile:**

### تنبيه هام

- الطالب الذي تتجاوز نسبة غيابه عن الدروس الإكلينيكية ٣٠% سيتم حرمانه من دخول امتحان الترم الاكلينيكي وذلك حسب التعليمات واللوائح المنظمة وعليه يلزم حضور ٤٢ يوما على الأقل. (وسيتم مراعاة الاجازات الرسمية) وعليه لا يتجاوز الغياب ١٨ يوم
- يلتزم الطلاب بالتقدم لامتحانهم في موعد الراوند المخصص لهم .
- الطلاب المتخلفون عن الحضور للامتحان او المتجاوزين لنسبة الغياب سيتم حرمانهم نهائيا من دخول امتحان اعمال السنة حسب لوائح الكلية .
- الاعذار لا تقبل الا عن طريق أ.د/ وكيل الكلية لشئون التعليم والطلاب

### المحاضرات النظرية :

○ المحاضرة الصباحية :

■ ٩ - ١٠ ص ، من السبت - الأربعاء ، يتم القاؤها في مكان الدرس الإكلينيكي

التدريب الإكلينيكي: ١٠,١٥ - ١٢,١٥ ظ ، مدرج: ٩ - ١٠ - ١٥ - ١٨ - العيادة الخارجية - المتحف

## Evaluation Remarks

	Self-learning activities	Log book activities	Total
Type			
Date of assessment			
Comments			
Marks	/10	/10	/20
Staff name			
Signature			

# Student's Guide

## Dear students ,

Welcome to the final turn of the long marathon and a special welcome to the OBS & GYN dept. In fact, you should study this subject with more interest. Sometime, you will be a wife / a husband and we wish you will be a mother / a father. So, most of our subjects are directly related to your personal life.

Not only that, but you as a general practitioner should know the common obstetric & gynecologic complaints and you should decide when to refer the patient to a specialist

But , why there is always a high solid barrier between the Dept and the students

## We think the main reasons may be;

- Our image is drawn by others not by ourselves
- The cumulative knowledge of one year is studied and revised in a couple of months
- To listen to a junior inexperienced unripe (teaching person) in a private class is more convenient and comfortable for the student resulting a student with very shallow knowledge & experience
- The general culture and atmosphere of the country
- Huge students number
- Deficient teaching tools
- Vanishing respectation

## So , how to bypass this dilemma?

### As this book is directed to the student, so the role of the student is

- Stop listening to others: make your own experience
- Attend clinical rounds: you can learn from any one at least something
- Attend theoretical lecturers: you should realize that you are dealing with the highest qualified and the heaviest trained staff in this specialty in our local community
- To learn , to know and to study are aims & not vehicles
- Speak to your tutors
- Respectation
- Honesty with the self

## How to improve our results ?

- Regular attendance
- Recollect the missed lessons
- Don't delay your study
- Don't listen to the depressive voices
- Catch the best from each tutor
- Remember that you will be responsible for lives of others, and sometime there will be someone at risk of death under your supervision
- Study from a respectable source
- Learn from the bright stars not from the dark stones
- Search , ask, negotiate ,debate ,
- Believe in yourself

## About our department :

- Initiated on 1967
- No of beds : 132
- Services:
  - 24912 patient /year
  - 8975 Admission cases/year
- Five working groups
- 54 staff members
- More than 30 assistant staff members

### Places in the main MUH buildings

- Dept 9: 3rd floor MUH
- Dept 10: 3rd floor MUH
- Dept 15: 4th floor MUH
- Dept 18 : 3rd floor MUH
- Emergency unit " 1st floor
- Fertility care unit
- Operative theater

### Obs & Gyn Mansoura university hospital:

- Outpatient Obst clinic : Obs & Gyn University Hospital
- Outpatient Gyn clinic : Obs & Gyn University Hospital

### Places in the faculty of Medicine

- OBS & GYN museum
- Skill Lab

### Sources of study:

- Dept Obs Book
- Dept Gyn Book
- Ten teachers book
- Dept practical book
- Dept MCQ Book
- Other text books

### Developing steps for the sources of study

- Revision updating and summarization of the Dept Books.
- A new book for the museum, instruments and skill lab.
- A new CD for the museum instruments & skill lab.

### Plan of study:

- Theoretical lectures: according to the place & time plan shown in appendix I

### Clinical training :

- 3 hours daily for 5 days / week for 11 weeks ( plus one week for exam)
- Clinical training will be held at:
  - Obs outpatient clinic
  - Gyn outpatient clinic
  - Fertility care unit
  - Inpatient wards
  - Museum : jars & instruments
  - Skill lab

This is shown in appendix

Items for museum training & skill lab are shown in appendix

### Exams & marks

- Midterm exam multi station 80 marks
- Log book activities 10 marks
- Self learning activity : 10 marks
- Written paper 150 marks
- MCQ : 100 marks
- Clinical exam : 75 marks
- Oral exam : 50 marks
- Skill Lab exam: 25 marks

### Midterm exam:

- Will be held at the end of the clinical round as shown in the calendar
- 16 stations 5 marks for each:

○ 2 Obst cases	○ 2 Obst questions
○ 2 Gyn cases	○ 2 Gyn questions
○ 2 Jars	○ 2 instruments
○ 2 models	○ 2 stations: photos- diagram- contraception- others

- All questions will be related to clinical knowledge
- This is candidate for any change within the same items

### Attendance

- Any student who exceeds 30% absence in clinical rounds will be withheld from attending the clinical exam.



## Log book, Self-learning and Attendance

These are three separate issues

### a. **Attendance :**

- i. The students should attend at least 70% of the total clinical training period: **39 days, so 16 days absence interferes with attending the exam.**
- ii. Students with recurrent nonattendance and those with non-real signatures will be subjected for withdrawal from the midterm exam
- iii. **Those how miss or withdrawn from the midterm exam are not allowed to attend the exam any more**

### b. **Log book activities:**

- i. It is a tool for long interaction between the student and the staff member
- ii. Each student should fulfill the requirements in the Log book
- iii. Throughout the 10 weeks of the clinical round, students should do their activity and should be evaluated before signing for the activity by all means of evaluation. **But putting** in mind that subtracting marks is for only activity deficit and not for knowledge deficit
- iv. Each staff member is allowed to sign only for one activity throughout the 10 weeks... we should stop the (signature party) at the end of the clinical round
- v. Log book will be evaluated at the end of clinical round (without oral examination) as shown in the calendar
- vi. Signatures of the staff should be real ones

### c. **Self-learning activities:**

- i. Each student should make one of the activities by the end of the clinical round
- ii. These may include:
  - PowerPoint presentation (not more than 3 students)
  - Essay
- iii. Students will be subdivided into subgroups
- iv. This small group will be linked to one staff: choose the activity, choose the title, start early the activity and direct them throughout the 11 weeks
- v. Also , this staff will direct this group for proper management of the log book activities (but again only one signature for one activity is allowed for each staff member )

# Course Specifications

## Obstetrics & Gynecology

### A- Professional Information

#### 1 - Overall Aims of Course

The general aim of the course is to provide students with knowledge, skills and attitudes necessary to make an essential Obstetrics and Gynecology framework of the general practitioner including awareness of the common Obstetrics and Gynecology emergencies. In addition, the students will be acquainted with the main activities of scientific research and community service provided by the department.

#### 2 – Intended Learning Outcomes of Course (ILOs)

##### a- Knowledge and Understanding:

##### a.1. Obstetrics:

**By the end of this course the student (the learner) will be able to :**

- a.1.1. Define fertilization, implantation and early development of the human fetus.
- a.1.2. Enumerate the various physiologic maternal changes in response to pregnancy, nutritional requirements and different precautions in early pregnancy.
- a.1.3. Recognize the various complications in early & late pregnancy.
- a.1.4. Describe the various causes of antepartum hemorrhage, their diagnosis and management.
- a.1.5. Enlist the various medical disorders complicating pregnancy and their management.
- a.1.6. Recognize different hypertension related disorders related to pregnancy, their risk factors, prevention of complications and their management.
- a.1.7. Explain the different teratogenic subjects and their effects on the growing fetus.
- a.1.8. Identify the normal and abnormal human parturition and its management.
- a.1.9. Identify the normal and abnormal uterine actions and their effect on the process of labor.
- a.1.10. Summarize the different complications of the third stage of labor and how to manage and how to resuscitate new born and describe normal and abnormal perpuerium
- a.1.11. Identify the different types of fetal injuries that may occur during labor. Know the etiology, mechanism, types, diagnosis and treatment of common Obstetric injuries.
- a.1.12. Memorize of the different causes of maternal & neonatal mortality, especially in Egypt and how to prevent.
- a.1.13. Recall the different operative interventions in obstetrics and underline the different drugs use (analgesia and anesthesia)
- a.1.14. Describe the normal and abnormal anatomy of fetal skull and female bony pelvis
- a.1.15. Recognize criteria of life threatening situations in Obstetrics.

##### a.2. Gynecology:

**By the end of this course the student (the learner) will be able to :**

- a.2. 1. Define normal embryology and anatomy of the genital system.
- a.2. 2. Enlist the common genital anomalies that affect the genital tract and describe a summary of their treatments.
- a.2. 3. Summarize the common diseases affecting the genital tract.
- a.2. 4. Enumerate the various causes of genital tract infection, common pathogens and common infection routes and risk factors.
- a.2. 5. Enlist of the different sexually transmitted diseases, illustrate their mode of infection, and discuss their prevention, diagnosis and management.
- a.2. 6. Discuss the normal and abnormal aspects of human sexuality and how to deal with the different sexuality disorders.
- a.2. 7. Recognize the different causes of abnormal uterine bleeding and how to diagnose and manage.
- a.2. 8. Recall of the different causes of male and female infertility, how to diagnose and manage.
- a.2. 9. Describe the various types of tumors affecting the genital system, the etiology, pathology, diagnosis and treatment.
- a.2. 10. Enumerate the groups of symptoms of the genitourinary tract.
- a.2. 11. Identify the different aspects of pelvic floor function and its disorders.
- a.2. 12. Recognize the different methods and indications of contraception.
- a.2. 13. Review the mechanism and treatment of gynecologic emergencies.
- a.2. 14. Recognize the different problems of female breast and how to reach a diagnosis and management.
- a.2. 15. Discuss the reproductive medicine and women's health.
- a.2. 16. Identify the common uses of laparoscopy in Obstetrics and Gynecology; both diagnostic and therapeutic.
- a.2. 17. Memorize the different uses of ultrasound in Obstetrics and Gynecology.
- a.2. 18. Recognize criteria of life threatening situations in Gynecology.

## b- Intellectual Skills

**By the end of this course the student (the learner) will be able to :**

- b.1. Integrate basic biomedical science with clinical care of gynecologic and obstetric patients
- b.2. Reason deductively in solving clinical problems related to the gynecologic, reproductive and obstetric medicine:
- b.3. Apply personal judgment for analytical and critical problem solving.
- b.4. Integrate the results of history, physical and laboratory test findings into a meaningful diagnostic formulation.
- b.5. Construct appropriate management strategies for patients with gynecologic reproductive and obstetric diseases, both acute and chronic, including medical, psychiatric, and surgical conditions.
- b.6. Design an initial course of management for stabilization of patients with serious illnesses.
- b.7. Retrieve, analyze, and evaluate relevant and current data from literature, using information technologies and library resources, in order to help solve a clinical problem based on evidence (EBM).
- b.8. Recognize and cope with uncertainty that is unavoidable in the practice of medicine by accepting and reacting to uncertain situation through proper counseling ,consultation and referral

## c-Professional and Practical Skills

**By the end of this course the student (the learner) will be able to :**

- c1. Take focused history in a patient complaining of an obstetric and gynecologic complaint.
- c2. Practice interview and examination of a patient in the outpatient clinic.
- c3. Do obstetric grips examination.
- c4. Demonstrate fetal heart sounds by Pinard's stethoscope and sonicaid.
- c5. Differentiate the normal and abnormal colposcopic findings.
- c6. Perform normal and abnormal vaginal delivery. (skill Lab)
- c7. Interpret the hysterosalpingogram and semen analysis for infertile couples.
- c8. Use the equipments used in the Obstetrics and Gynecology department as Cusco's speculum, volselum, uterine sound, cytobrush .
- c9. Assess the mental state of the patient
- c10. Record patients ' data appropriately.
- c11. Adopt suitable measures for infection control.
- c12. Demonstrate naked eye appearance of different obstetrics & gynecology disorders (museum)

## d-General and Transferable Skills

**By the end of this course the student (the learner) will be able to :**

- d.1. Communicate ideas and arguments effectively.
- d.2. Work effectively within a team.
- d.3 Perform effective communication with the patient and the tutor.

## Assessment Schedule

Assessment 1	Post round exam (mid term exam)	week	12
Assessment 2	Multistation (jars & instruments) (final term exam)	OSPF	
Assessment 3	Clinical exam (practical exam)	OSCE	
Assessment 4	Written exam (final exam)		
Assessment 5	MCQ(final exam)		
Assessment 6	Oral exam (final exam)	Standard oral cards	

## Weighting of Assessments

Term Examination	16%	80		
Oral Examination	10%	50		
Practical Examination	15%	75		
skill lab	5%	25		
Final exam	30%	150		
MCQ	20%	100		
Other types of assessment	4%	20	2% 10 logbook	2% 10 self activity
Total	100%	500		

Any formative: only assessments

# Instructions for the Students

- Each student should fulfill the following: (10 marks)

Order	Activity
1	Two <i>Obstetric case</i> presentations. <ul style="list-style-type: none"> <li>• Inpatient department</li> <li>• Outpatient clinic</li> </ul>
2	Two <i>Gynecologic case</i> presentations. <ul style="list-style-type: none"> <li>• Inpatient department</li> <li>• Outpatient clinic</li> </ul>
3	Two attendances in the <i>delivery room</i> .
4	Attendance of one Obstetric US
5	Attendance of one Gynecologic US
6	Other <i>activities</i> attendances which include : <ul style="list-style-type: none"> <li>• Colposcopic examination.</li> <li>• Operative theater attendance either obstetric or Gynecologic cases.</li> <li>• Fertility Care Unit attendance.</li> <li>• Outpatient minor procedures.</li> </ul>
Skill lab	1- Pelvic Examination 2- Pap smear 3- Management of Second stage 4- Management of third stage 5- Episiotomy 6- Partogram 7- IUD insertion 8- HSG

- Each of these items should be *supervised and signed* by the attending *staff member* only (**not assistants or residents**) .
- Information about *Log books collection* and *evaluation* will be available at the *Student's Guide* .
- The sheet items given in this log book *are not* the *all items* required in the full sheet form.

# Obstetrics

	Title lecture	Lecturer
	<b>Introduction</b>	
1	<b>Diagnosis of Pregnancy.</b>	
2	<b>Fertilization, Implantation and Early Development</b>	
3	<b>Placenta and placental function</b> <b>Amniotic Fluid , Fetal Circulation</b>	
4	<b>Maternal Physiological Changes During Pregnancy.</b>	
5-6	<b>Normal labor</b>	
7	<b>Antenatal Care.</b>	
8	<b>Vomiting During Pregnancy</b>	
9	<b>Urinary Tract Disorders with Pregnancy.</b>	
10	<b>Abortion.</b>	
11	<b>Ectopic Pregnancy.</b>	
12	<b>Gestational Trophoblastic Diseases.</b>	
13	<b>Placenta previa</b>	
14	<b>Accidental Hemorrhage</b>	
15-16	<b>Hypertensive Disorders in Pregnancy</b>	
17	<b>Diabetes in pregnancy</b>	
18	<b>Cardiovascular Disease</b>	
19	<b>Anemias during pregnancy</b>	
20	<b>High risk pregnancy</b>	
21	<b>Teratology</b>	
22	<b>Amniotic Fluid Abnormalities</b>	
23	<b>Macrosomia &amp; Shoulder dystocia</b>	
24	<b>IUGR.</b>	
25	<b>Rh Isoimmunisation</b>	
26	<b>Common Fetal Anomalies</b>	
27	<b>Antepartum Assessment of Fetal Well-being</b>	
28	<b>Obstetric Analgesia and Anesthesia</b>	
29	<b>Occipitoposterior position</b>	
30	<b>Face Presentation</b> <b>Brow Presentation</b>	
31-32	<b>Breech Presentation</b>	
33	<b>Shoulder Presentation</b>	
34	<b>Complex Presentation</b> <b>Cord Presentation</b>	

	<b>Title lecture</b>	<b>Lecturer</b>
35-36	<b>Multiple Pregnancy</b>	
37	<b>Normal and Abnormal Uterine Action</b>	
38-39	<b>Contracted Pelvis &amp; Cephalopelvic Disproportion</b>	
40	<b>Trial Labor</b> <b>Soft Tissue Obstruction</b>	
41	<b>Obstructed Labor</b>	
42	<b>Uterine Rupture</b>	
43	<b>Genital Tract Injuries During Labor</b>	
44	<b>Abnormal Third Stage</b>	
45	<b>Postpartum Hemorrhage</b>	
46	<b>Fetal Birth Injuries</b>	
47	<b>Fetal Asphyxia</b>	
48	<b>Preterm Labor</b> <b>Premature Rupture of Membranes</b>	
49	<b>Prematurity &amp; Post Maturity</b>	
50	<b>Intrauterine Fetal Death</b>	
51	<b>Puerperium and Postnatal Care</b> <b>Puerperal Pyrexia</b>	
52	<b>Induction of Labor, Abortion &amp; Ecbolics</b>	
53	<b>Maternal and Perinatal Mortality</b>	

# Gynecology

	Title	Lecturer
1-2	Anatomy of the Female Genital Tract	
3	Embryology of The Female Genital Tract	
4	Gynecological Endocrinology.	
5	Physiology of the Menstrual Cycle	
6	Puberty.	
7	Menopause & HRT	
8	Dysmenorrhea , Premenstrual Syndrome (PMS), Pelvic Pain.	
9	Amenorrhea	
10	abnormal uterine bleeding	
11	Sexuality and Sexual Dysfunctions	
12	Female Genital Cutting (Mutilation) .	
13-	Infertility + related problems	
14	Anovulation-Virilization in Females-Hirsutism	
15	Sexually Transmitted Diseases (STDs)	
16	Pelvic Inflammatory Disease (PID) .	
17	Infections of the Female Genital Tract	
18	Uterine prolapse	
19	Chronic Inversion of the Uterus. Retroversion and Retroflexion (RVF) .	
20	Female Urinary Incontinence	
21	Genito-Urinary Fistulae	
22	Old Complete Perineal Tear Recto-Vaginal Fistula.	
23	Uterine Fibroid	
24	Endometriosis	

	<b>Title</b>	<b>Lecturer</b>
	<b>Adenomyosis.</b>	
<b>25</b>	<b>Introduction to Gynecological Oncology. Preinvasive Diseases of the Lower Female Genital Tract</b>	
<b>26</b>	<b>Carcinoma of the Vulva</b>	
<b>27</b>	<b>Carcinoma of the Cervix.</b>	
<b>28</b>	<b>Endometrial Hyperplasia</b>	
<b>29</b>	<b>Carcinoma of the Body of the Uterus</b>	
<b>30- 31</b>	<b>Ovarian Tumors</b>	
<b>32</b>	<b>Evidence based practice in gynecology</b>	
<b>33</b>	<b>Gestational Trophoblastic Disease (GTD)</b>	
<b>34</b>	<b>Contraception</b>	



## جدول التدريس لطلبة الفرقة السادسة ٢٠١٨ مادة التوليد وامراض النساء

الوحدة الأولى		الوحدة الثانية		الوحدة الثالثة		الوحدة الرابعة	
<b>عيادة نساء</b>		<b>عيادة نساء</b>		<b>مرور حوامل</b>		<b>Skill Lab</b>	
مركز النساء – العيادة الخارجية		مركز التوليد وامراض النساء – العيادة الخارجية		(قسم ٩)	(قسم ١٥)	متحف القسم بالكلية	
أ.د/ لطفى شريف / د/ سارة عبد العزيز أ.د/ احمد رجب		مركز التوليد وامراض النساء – العيادة الخارجية (د/ مصطفى حسان – د/ محمد إبراهيم) د شيرين ممدوح		أ.د/ مصطفى الزيات أ.د/ عبد العزيز الرفاعي	أ.د/ هشام شعلان د/ حسام عبد الفتاح	د/ محمود ثابت د/ خالد سمير	
<b>مرور نساء</b>		<b>عيادة نساء</b>		<b>عيادة نساء</b>		<b>مرور حوامل</b>	
(قسم ٩)		مركز التوليد وامراض النساء – العيادة الخارجية		مركز التوليد وامراض النساء – العيادة الخارجية		(قسم ١٥)	(قسم ١٨)
أ.د/ كمال انوار د/ سارة عبد العزيز		مركز التوليد وامراض النساء – العيادة الخارجية أ.د/ رضا عبد الهادي – د/ ماهر شمس - د/ عماد فيالة		أ.د/ علاء وجيه أ.د/ احسان رفاعي	د/ علاء وجيه أ.د/ احسان رفاعي	أ.د/ ليلى البغدادي أ.د/ عادل هلال	أ.د/ محمد النجيري د/ أشرف فودة
<b>Skill Lab</b>		<b>مرور نساء</b>		<b>عيادة نساء</b>		<b>عيادة حوامل</b>	
متحف القسم بالكلية		(قسم ٩)	(قسم ١٠)	مركز التوليد وامراض النساء – العيادة الخارجية		مركز التوليد وامراض النساء – العيادة الخارجية	
أ. د/ هند شلبي – د/ احمد جبريل		أ.د/ حامد يوسف	(أ.د/ محمد نزار – د/ عبد الهادي زايد)	مركز التوليد وامراض النساء – العيادة الخارجية د/ محمد حسن		مركز التوليد وامراض النساء – العيادة الخارجية د/ حنان نبيل د/ ياسر مصباح	
<b>مرور حوامل</b>		<b>Skill Lab</b>		<b>مرور نساء</b>		<b>عيادة نساء</b>	
(قسم ٩)		متحف القسم بالكلية		(قسم ١٥)	(قسم ١٨)	مركز التوليد وامراض النساء – العيادة الخارجية	
أ.د/ رأفت عبد الفتاح د/ رفيق بركات		مركز التوليد وامراض النساء – العيادة الخارجية د/ ماهر شمس – د/ عبد الهادي زايد د شيرين ممدوح		أ.د/ محمد السعيد الغريب أ.د/ أسامة وردة	أ.د/ محمد التوتنجي د/ علاء الجوهري	مركز التوليد وامراض النساء – العيادة الخارجية أ.د/ مصطفى الخياري د/ علاء مصباح د/ ياسر عبد الدايم	
<b>عيادة حوامل</b>		<b>مرور حوامل</b>		<b>Skill Lab</b>		<b>مرور نساء</b>	
مركز التوليد وامراض النساء – العيادة الخارجية		(قسم ٩)	(قسم ١٠)	متحف القسم بالكلية		(قسم ١٥)	(قسم ١٨)
أ.د/ عبد المجيد مشالي – أ.د/ محمد فوزي		أ.د/ طارق شقير – د/ عماد فيالة)	(أ.د/ رضا عبد الهادي – د/ محمد إبراهيم )	مركز التوليد وامراض النساء – العيادة الخارجية د/ محمد سيد عبد الحافظ		أ.د/ حاتم أبو هاشم	د/ احمد شبانة

# **Clinical Course For Undergraduate Teaching**

**Department of Obstetrics & Gynecology  
Faculty of Medicine – Mansoura University  
2018**

- 1. Outpatient gynecologic clinic course**
- 2. Outpatient obstetrical clinic course**
- 3. Inpatient gynecological round course**
- 4. Inpatient obstetric round course**
- 5. Jars, skill lab. , Instruments & Operations.**

## Curriculum for Outpatient Gynecologic Clinic Teaching

Weeks	Title	Details
Week 1	History taking and examination	<b>Day 1:</b> introduction , <b>History taking</b> , (except present history) <b>Day 2:</b> present history in obstetrics & general examination <b>Day 3:</b> present history in gynecology & general examination <b>Day 4:</b> abdominal examination & obstetrics maneuvers <b>Day 5:</b> local gynecological examination and special tests
Week 2	Bleeding from genital tract	etiologic classification , pattern (menorrhagia – metrorrhgia and polymenorrhea ) , life periods ( prepubertal, adolescent , child bearing period, premenopausal, perimenopausal, postmenopausal bleeding) . Local Gyn examination
Week 3	Pelvi-abdominal mass:	description, differentiation between abdominal and pelvi abdominal, and differentiation between uterine and extrauterine masses Abdominal examination Local Gyn examination
4 Week	Pelvic organ prolapse	deficient perineum and wide introitus, types of vaginal prolapse, degrees of uterine descent and associated urinary symptoms.
Week 5	Infertility factors	male factor (normal and abnormal seminogram) , ovarian factor (detection of ovulation : mid luteal progesterone), peritoneal factors (laparoscopy).
Week 6	Vaginitis  Cervicitis	demonstration of discharge of candidiasis and trichomoniasis , bacterial vaginosis , vulvo- vaginitis of children and senile vaginitis , (clinical varieties , demonstration ) and <b>PID</b> (definition, symptoms, signs , DD and treatment )
Week 7	Fibroid	risk factors - symptoms – signs – differential diagnosis – ultrasound (demonstration) . Genital malignancies
Week 8	Infertility factors	tubal factor (HSG and laparoscopy), uterine factor (HSG and hysteroscopy) and cervical factor (post coital test)
Week 9	Female 2ry sex characters.	<b>1ry Amenorrhea:</b> I- developed breast and present uterus II- developed breast and absent uterus III- absent breast and present uterus IV- absent breast and absent uterus. Investigations (buccal smear for karyotype, laparoscopy for gonadal type) hormones (FSH, LH, prolactin) hormone withdrawal test. <b>2ry Amenorrhea :</b> common causes
Week 10	Missings + revision	
Week 11	Revision + self-assessment	<b>D.D in gynecology</b>
Week 12	Assessment	<b>exam</b>

- These topics to be fulfilled in addition to the usual activities of history taking and clinical examination
- It is the priority of the staff to moderate the scientific contents activities

• يتم الالتزام بقدر الامكان بترتيب مواضيع الاسابيع مع الوضع في الاعتبار ان الاولوية لإجمالي العنواين حسب توافر الحالات بغض النظر عن الترتيب

## Curriculum for Outpatient obstetrical Clinic teaching

Weeks	Title	Subjects
Week 1	History taking and examination	Day 1: introduction , <b>History taking</b> , (except present history) Day 2: present history in obstetrics & general examination Day 3: present history in gynecology & general examination Day 4: abdominal examination & obstetrics maneuvers Day 5: local gynecological examination and special tests
Week 2	Diagnosis of early pregnancy	symptoms suggestive of early pregnancy , signs of early pregnancy, Immunological pregnancy test (demonstration).
	Methods of estimation of duration of pregnancy	excepted date ( Naegel's rule, fundal level, sonar (1st, , 2nd , 3rd )
	Fetus in utero	Fetal lie , presentations, positions, engagement.
	Abdominal exam	inspection
Week 3	High risk pregnancy:	definition, risk factors from history examination and investigations. Warning (dangerous) symptoms and signs of high risk pregnancy.
	Abdominal exam	inspection + obstetrics grips (demonstration)
Week 4	Obstetric abdominal examination (Training)	fundal level, fundal grip , umbilical grip , pelvic grips .
Week 5	Ultrasonic examination demonstration	1 <sup>st</sup> trimester pregnancy (sac, embryo, CRL) 2 <sup>nd</sup> trimester pregnancy (fetus , placenta ,AF , BPD ....) 3 <sup>rd</sup> trimester pregnancy ( AFI , FL .....
Week 6	Antenatal care + obstetric examination	visits, procedure and routine investigation during pregnancy.
Week 7	Stages of normal labor(partogram)	physiology and management.
Week 8	Obstetric abdominal examination (Training):	fundal level, fundal grip , umbilical grip , pelvic grips .
Week 9	Approaching labor	symptoms and signs of onset of labor,
	Onset of labor + obstetric examination	symptoms and signs , false labor pain & true labor pain.
Week 10	Missings + revision	
Week 11	Revision + self-assessment	D.D in Obstetrics
Week 12	Assessment	exam

- These topics to be fulfilled in addition to the usual activities of history taking and clinical examination
- It is the priority of the staff to moderate the scientific contents activities

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## Curriculum for Inpatient Gynecological Teaching

Weeks	Title	Details
Week 1	History taking and examination	Day 1: introduction , <b>History taking</b> , (except present history) Day 2: present history in obstetrics & general examination Day 3: present history in gynecology & general examination Day 4: abdominal examination & obstetrics maneuvers Day 5: local gynecological examination and special tests
Week 2	Bleeding from genital tract :	prepubertal bleeding, adolescent bleeding , child bearing bleeding , premenopausal bleeding, perimenopausal bleeding, postmenopausal bleeding) . investigations : sonar, endometrial aspiration and biopsy , CBC, others .
Week 3	Fibroid :	sheet, symptoms, signs, examination, DD, investigation (sonar , demonstration), Causes of symmetrically enlarged uterus. DD
Week 4	Pelvic organ prolapse :	types of vaginal prolapse , degrees of uterine prolapse, Lower urinary symptoms, operations of genital prolapse.
Week 5	Infertility :	types, Infertility factors : male factor (normal and abnormal seminogram) , ovarian factor ( mid luteal progesterone , sonar ),peritoneal factors (laparoscopy).Tubal factor (HSG and laparoscopy), uterine factor (HSG and hysteroscopy) and cervical factor (post coital test)
Week 6	Ovarian tumors:	characters of ovarian malignancy, staging (clinical , imaging and at laparotomy) .
Week 7	Other genital malignancies	difference between abdominal and pelvi-abdominal and difference between uterine and extra uterine.
Week 8	Infertility PCOs:	Def, symptoms, signs , sonar : lab, invest., treatment
Week 9	Female 2ry sex characters.	<b>1ry Amenorrhea:</b> definition , I- developed breast and present uterus II- developed breast and absent uterus III- absent breast and present uterus IV- absent breast and absent uterus. Investigations: hormone withdrawal test , buccal smear for karyotype, laparoscopy for gonadal type, hormones (FSH, LH, prolactin) , <b>2ry Amenorrhea :</b> common causes
Week 10	Missings + revision	
Week 11	Revision + self-assessment	D.D in gynecology
Week 12	Assessment	exam

- These topics to be fulfilled in addition to the usual activities of history taking and clinical examination
- It is the priority of the staff to moderate the scientific contents activities

• يتم الالتزام بقدر الامكان بترتيب مواضيع الاسبوع مع الوضع في الاعتبار ان الاولوية لإجمالي العنوانين حسب توافر الحالات بغض النظر عن الترتيب

## Curriculum for Inpatient Obstetric Teaching

Weeks	Title	Details
Week 1	History taking and examination	Day 1: introduction , <b>History taking</b> , (except present history) Day 2: present history in obstetrics & general examination Day 3: present history in gynecology & general examination Day 4: abdominal examination & obstetrics maneuvers Day 5: local gynecological examination and special tests
Week 2	Antepartum hge Placenta previa :	types , symptoms signs ,sonar , treatment . Differences between Placenta previa and placental abruption (accidental hge).
Week 3	Preeclampsia :	predisposing factors (high risk factors), symptoms of severe preeclampsia , signs , degree ,DD, special investigations , treatment .
Week 4	Diabetes mellitus with pregnancy	: effects of diabetes on fetus and newly born, effects of pregnancy on diabetes , antenatal care , intra-natal care ( timing and methods of delivery) , immediate post natal care (maternal and neonatal care: incubator)
Week 5	Heart disease with pregnancy:	functional grades heart disease, effects of pregnancy on heart disease, effects of heart disease on pregnancy, Antenatal care, intra-partum care, postpartum care .
Week 6	Anemia with pregnancy	, common types of anemia with pregnancy, effects of Anemia on pregnancy. Treatment of iron deficiency anemia.
Week 7	Previous CS:	indications of CS , advantages and disadvantages of LSCS incision.
Week 8	Habitual abortion : IUGR : Antenatal death :	causes and investigations criteria causes and special investigations.
Week 9	PROM : Preterm labor :	diagnosis , effects on pregnancy (maternal, fetal, newly born ) diagnosis , effects on fetus and newly born.)
Week 10	Missings + revision	
Week 11	Revision + self-assessment	D.D in Obstetrics
Week 12	Assessment	exam

- These topics to be fulfilled in addition to the usual activities of history taking and clinical examination
- It is the priority of the staff to moderate the scientific contents activities
- يتم الالتزام بقدر الامكان بترتيب مواضيع الاسابيع مع الوضع في الاعتبار ان الاولوية لإجمالي العنوانين حسب توافر الحالات بغض النظر عن الترتيب

## Jars, skill lab., Instruments and Operations.

الوقت : ١٠,١٥ - ١٢,١٥ ظ من السبت الى الأربعاء  
المكان : متحف النساء

Week	Subject	Notes
Weeks 1	History Taking	
Weeks 2	1- Female pelvis 2- Fetal skull 3- Fetomaternal relationships	
Weeks 3	1- Pelvic Examination (skill lab) 2- Pap smear (skill lab)	الجارات المطلوب شرحها GYN 1-1 AND GYN 2-1 to GYN 2-3
Weeks 4	1- Management of Second stage (skill lab) 2- Management of third stage (skill lab)	Instruments used in obstetrics
Weeks 5	Uterine fibroid	الجارات المطلوب شرحها GYN 4-1 to GYN 4-26
Weeks 6	1- Episiotomy(skill lab) 2- Partogram (skill lab)	الجارات المطلوب شرحها OBS 1-1 to OBS 1-5 AND OBS 2 to OBS 6 AND OBS 7-1 to OBS 7-2 AND OBS 8
Weeks 7	1- Endometrial hyperplasia 2- Endometrial cancer	الجارات المطلوب شرحها GYN 3-1 to GYN 3-4 AND GYN 5-1 to GYN 5-6
Weeks 8	1- IUD insertion (skill lab) 2- HSG	Instruments used in gynecology
Weeks 9	Cancer cervix	الجارات المطلوب شرحها GYN 6-1 to GYN 6-6
Weeks 10	Ovarian Cancer	الجارات المطلوب شرحها GYN 8-1 to GYN 8-13
Week 11	1- Instrumental delivery 2- Version	يبدأ من الساعة ٩ ص لكل مجموعة على حدة في يوم المتحف الخاص بها
Week 12	1- Cancer vulva 2- Cancer vagina  Review of Instruments & Jars	الجارات المطلوب شرحها GYN 7-1 to GYN 7-2 AND GYN 9-1 to GYN 9-4

- These topics to be fulfilled in addition to the usual activities of history taking and clinical examination
- It is the priority of the staff to moderate the scientific contents activities
- يتم الالتزام بقدر الامكان بترتيب مواضيع الاسابيع مع الوضع في الاعتبار ان الاولوية لإجمالي العنوانين حسب توافر الحالات بغض النظر عن الترتيب

## List of jars

	Code	Name
1	GYN/1	Hematometra & hematocervix
2	GYN/2/1	Nabothian follicle
3	GYN/2/2	Chronic cervicitis
4	GYN/2/3	Chronic hypertrophic cervicitis
5	GYN/3/1	Metropathia hemorrhagica
6	GYN/3/2	Metropathia hemorrhagica
7	GYN/3/3	Metropathia hemorrhagica
8	GYN/3/4	Metropathia hemorrhagica with fundal polyp & ovarian cysts
9	GYN/4/1	Subserous uterine fibroid
10	GYN/4/2	Submucous fibroid
11	GYN/4/3	Submucous fibroid
12	GYN/4/4	Fundal submucous fibroid
13	GYN/4/5	Submucous fibroid with hyaline degeneration
14	GYN/4/6	Multiple submucous fibroid with calcification
15	GYN/4/7	Multiple submucous fibroid
16	GYN/4/8	Multiple submucous fibroid
17	GYN/4/9	Multiple uterine fibroid
18	GYN/4/10	Multiple corporeal, broad ligament & cervical fibroids
19	GYN/4/11	Multiple corporeal fibroid
20	GYN/4/12	Cornual fibroid
21	GYN/4/13	Fundal fibroid & corporeal fibroid polyp
22	GYN/4/14	Corporeal fibroid polyp
23	GYN/4/15	Cervical polyp
24	GYN/4/16	Cervical polyp
25	GYN/4/17	Cervical polyp
26	GYN/4/18	Cervical polyp
27	GYN/4/19	Cervical polyp
28	GYN/4/20	Cervical polyp
29	GYN/4/21	Cervical polyp
30	GYN/4/22	Cervical fibroid
31	GYN/4/23	Cervical fibroid
32	GYN/4/24	Cervical fibroid
33	GYN/4/25	Uterine fibroid with adenomyosis
34	GYN/4/26	Sarcomatous changes in a fibroid
35	GYN/5/1	Endometrial carcinoma
36	GYN/5/2	Endometrial carcinoma
37	GYN/5/3	Endometrial carcinoma
38	GYN/5/4	Endometrial carcinoma
39	GYN/5/5	Endometrial carcinoma & hyperplasia
40	GYN/5/6	Endometrial carcinoma, myometrial hyperplasia & fundal fibroid



41	GYN/6/1	Endocervical carcinoma
42	GYN/6/2	Cancer cervix
43	GYN/6/3	Cancer cervix
44	GYN/6/4	Cancer cervix
45	GYN/6/5	Cancer cervix with urinary bladder infiltration
46	GYN/6/6	Cancer cervix with urinary bladder infiltration
47	GYN/7/1	Cancer vulva
48	GYN/7/2	Cancer vulva
49	GYN/8/1	Dermoid cyst
50	GYN/8/2	Complicated dermoid cyst
51	GYN/8/3	Left multilocular ovarian cyst & atrophic right ovary
52	GYN/8/4	Bilateral multilocular ovarian cysts & left solid benign ovarian tumor
53	GYN/8/5	Bilateral complicated ovarian cyst
54	GYN/8/6	Bilateral multilocular ovarian cyst & small submucous fibroid
55	GYN/8/7	Bilateral ovarian tumor (partially solid & partially cystic)
56	GYN/8/8	Right solid ovarian tumor with intramural fibroid
57	GYN/8/9	Left solid ovarian tumor
58	GYN/8/10	Right solid ovarian tumor
59	GYN/8/11	Bilateral solid ovarian tumor & endometrial carcinoma
60	GYN/8/12	Left solid ovarian tumor with pregnancy
61	GYN/8/13	Bilateral solid ovarian tumor (Krukenberg tumor)
62	GYN/9/1	Invasive mole
63	GYN/9/2	Choriocarcinoma
64	GYN/9/3	Choriocarcinoma
65	GYN/9/4	Choriocarcinoma
66	OBS/1/1	Disturbed ectopic pregnancy (tubal mole)
67	OBS/1/2	Disturbed ectopic pregnancy (incomplete tubal abortion)
68	OBS/1/3	Disturbed ectopic pregnancy (incomplete tubal abortion)
69	OBS/1/4	Disturbed ectopic pregnancy (tubal rupture)
70	OBS/1/5	Pregnancy in a rudimentary horn
71	OBS/2	Carneous mole
72	OBS/3	Vesicular mole
73	OBS/4	Couvelaire uterus (uteroplacental apoplexy)
74	OBS/5	Traumatic rupture uterus
75	OBS/6	Subinvolution of the uterus
76	OBS/7/1	Conjoined twins
77	OBS/7/2	Conjoined twins
78	OBS/8	Anencephaly

## خطة التدريس للعام الدراسي ٢٠١٨ (الفرقة السادسة)

- ستبدأ الدراسة بإذن الله تعالى في يوم ٢٣/١٢/٢٠١٧

### الدروس الإكلينيكية

- يبدأ الدرس الإكلينيكي ١٠,١٥ صباحاً
- مدة الدراسة ستكون فقط: ١٢ أسبوع منه ١١ اسبوع دراسة وأسبوع للمراجعة وتقييم نشاط التعليم الذاتي واسبوع وامتحان أعمال السنة.
- يراعي عند تدريس معمل المهارات أن هناك لجنة كاملة في آخر العام بـ (٢٥) درجة مخصصة لهذا الامتحان بطريقة (Chick list) لذا يجب مراعاة التدريس بالتفاصيل وشرح (chick list).
- يتم تجميع كراسة الأنشطة في نهاية عمل يوم الأربعاء من الأسبوع العاشر :
  - المراجعة الأخيرة للغياب لتحديد المحرومون من دخول الامتحان.
  - تحديد من هناك شك في تزوير إمضاءاتهم.
  - تجهيز المجموعات لوضع درجة الكراسة يوم السبت أو الأحد التاليين (يوم النشاط الذاتي)

### الحضور والغياب :

- نسبة الغياب المسموح بها ٣٠% (١٢ أسابيع X ٥ أيام دراسة X ٣٠%) = ١٨ يوم غياب لذا يحرم من دخول لامتحان أعمال السنة من غاب ١٩ يوماً أو أكثر (يلزم حضور ٤٢ يوماً على الأقل)  
" مع ملاحظة أن الجدول سيراعي الإجازات "
- سيتم الاعتماد علي إمضاء عضو هيئة التدريس لحصر الغياب
- سيتم مراجعة الغياب في نهاية الأسبوع ٤ و ٨ للإنذار ثم النهائي في آخر الأسبوع العاشر
- الطلاب الذين لم يحققوا نسبة الحضور أو تغيبوا عن دخول الامتحان في موعده ليس لهم حق دخول الامتحان في أي مجموعة أخرى أو آخر العام حسب لوائح الكلية.

### كراسة الأنشطة:

- هي توثيق لنشاط الطالب علي طوال أيام الراوند وليس وثيقة إمضاء في آخر الراوند.
- كل عضو هيئة تدريس له إمضاء واحدة فقط عن أي من الأنشطة.
- كراسة الأنشطة مخصص لها عشرة درجات مقسمة علي عشرة أنشطة حقيقية لكل درجة وتم تحديد درجة مخصصة لكل نشاط.
- المطلوب الإمضاء لمن قام بالنشاط الفعلي علي مدار الراوند وليس لمن نقل آخر الراوند

### النشاط الذاتي:

- يراعي أنه مخصص له عشرة درجات كاملة.
- يتم تكليف الطلاب خلال الأسبوع الرابع بالنشاط المطلوب علي أن توضع خطته في بداية الراوند مع مراعاة تكليف كل طالب بعمل حقيقي يقوم به منفرداً أو في مجموعات لا تزيد عن ثلاثة :

- Power point Presentation
- Essay

## امتحان أعمال السنة:

- مخصص له ثمانون درجة
  - ستة عشرة محطة لكل خمسة درجات :
  - محطتان: حالة حوامل
  - محطتان: حالة أمراض نساء
  - محطتان: سؤال إكلينيكي حوامل
  - محطتان: سؤال إكلينيكي أمراض نساء
  - محطتان: آلات
  - محطتان: جارات
  - محطتان: موديل
  - محطتان: تنظيم
- أسرة/سؤال/جار/آله/حالة/صورة/....

## التدريس النظري

- المحاضرة الصباحية :
  - ٩ - ١٠ ص
  - من السبت - الأربعاء
  - يتم القاؤها في مكان الدرس الإكلينيكي
  - يتم توزيع الموضوعات كلها على أعضاء هيئة التدريس لكل وحدة على حدة
- محاضرة بعد الظهر :
  - ١٢,٣٠ - ١,٣٠ ظ
  - يومي الاحد ، الاربعاء
  - يتم القاؤها في مكان الدرس الإكلينيكي
  - ٢١ محاضرة
  - الأسماء محددة سابقا

# 1. Obstetrics Sheet : Case No. 1

- **Personal History:** .....
- **Complaint:** .....
- **Menstrual History:**  
.....
- **Obstetric History:**  
.....  
.....
- **Family History :** .....
- **Past History :** .....
- **Present History:**  
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.....  
.....
- **General Examination:**  
.....  
.....
- **Obstetric Examination:**  
.....  
.....  
.....
- **Diagnosis:** .....

**Staff Member :**

**Date:**

## 2. Obstetrics Sheet : Case No. 2

- **Personal History:** .....
- **Complaint:** .....
- **Menstrual History:**  
.....
- **Obstetric History:**  
.....  
.....
- **Family History :** .....
- **Past History :** .....
- **Present History:**  
.....  
.....  
.....  
.....  
.....
- **General Examination:**  
.....  
.....
- **Obstetric Examination:**  
.....  
.....  
.....
- **Diagnosis:** .....
- .....

**Staff Member :**

**Date:**

### 3. Gynecology Sheet : Case No. 1

- **Personal History:** .....
- **Complaint:** .....
- **Menstrual History:**  
.....
- **Obstetric History:**  
.....  
.....
- **Family History :** .....
- **Past History :** .....
- **Present History:**  
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- **General Examination:**  
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.....
- **Obstetric Examination:**  
.....  
.....  
.....
- **Diagnosis:** .....

**Staff Member :**

**Date:**

## 4. Gynecology Sheet : Case No. 2

- **Personal History:** .....
- **Complaint:** .....
- **Menstrual History:**  
.....
- **Obstetric History:**  
.....  
.....
- **Family History :** .....
- **Past History :** .....
- **Present History:**  
.....  
.....  
.....  
.....  
.....
- **General Examination:**  
.....  
.....
- **Obstetric Examination:**  
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.....
- **Diagnosis:** .....

**Staff Member :**

**Date:**

**5. Delivery Room: Case No. 1**

- **Personal History:** .....
- **Complaint:** .....
- **Menstrual History:**  
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- **Obstetric History:**  
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- **Family History :** .....
- **Past History :** .....
- **Present History:**  
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- **General Examination:**  
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- **Obstetric Examination:**  
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- **Diagnosis:** .....
- .....

*Staff Member :*

*Date:*



## 6. Delivery Room: Case No. 2

- **Personal History:** .....
- **Complaint:** .....
- **Menstrual History:**  
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- **Obstetric History:**  
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- **Family History :** .....
- **Past History :** .....
- **Present History:**  
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- **General Examination:**  
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- **Obstetric Examination:**  
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- **Diagnosis:** .....
- .....

*Staff Member :*

*Date:*

## 7. Obstetric Ultrasound

- **Personal History:** .....
- **Complaint:** .....
- **Menstrual History:**  
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- **Obstetric History:**  
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- **Family History :** .....
- **Past History :** .....
- **Present History:**  
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- **General Examination:**  
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- **Obstetric Examination:**  
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- **Diagnosis:** .....
- .....

*Staff Member :*

*Date:*

## 8. Gynecologic Ultrasound

- **Personal History:** .....
- **Complaint:** .....
- **Menstrual History:**  
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- **Obstetric History:**  
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- **Family History :** .....
- **Past History :** .....
- **Present History:**  
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- **General Examination:**  
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- **Obstetric Examination:**  
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- **Diagnosis:** .....
- .....

*Staff Member :*

*Date:*

## 9. Other Cases No.1

- **Personal History:** .....
- **Complaint:** .....
- **Menstrual History:**  
.....
- **Obstetric History:**  
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- **Family History :** .....
- **Past History :** .....
- **Present History:**  
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- **General Examination:**  
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- **Obstetric Examination:**  
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- **Diagnosis:** .....
- .....

*Staff Member :*

*Date:*

## 10. Other Cases No.2

- **Personal History:** .....
- **Complaint:** .....
- **Menstrual History:**  
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- **Obstetric History:**  
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- **Family History :** .....
- **Past History :** .....
- **Present History:**  
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- **General Examination:**  
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- **Obstetric Examination:**  
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.....
- **Diagnosis:** .....
- .....

*Staff Member :*

*Date:*

## 1-Pelvic Examination (Skill lab)



A large rectangular box with a solid black border, containing 15 horizontal dotted lines for writing.

## 2-Pap smear (Skill lab)



A large rectangular box with a solid black border, containing 15 horizontal dotted lines for writing.

### **3-Management of Second stage (Skill lab)**



A large rectangular box with a thick black border, containing 15 horizontal dotted lines for writing.

### **4-Management of third stage (Skill lab)**



A large rectangular box with a thick black border, containing 15 horizontal dotted lines for writing.

## 5-Episiotomy (Skill lab)



A large rectangular box with a solid black border, containing 15 horizontal dotted lines for writing.

## 6-Partogram (Skill lab)



A large rectangular box with a solid black border, containing 15 horizontal dotted lines for writing.

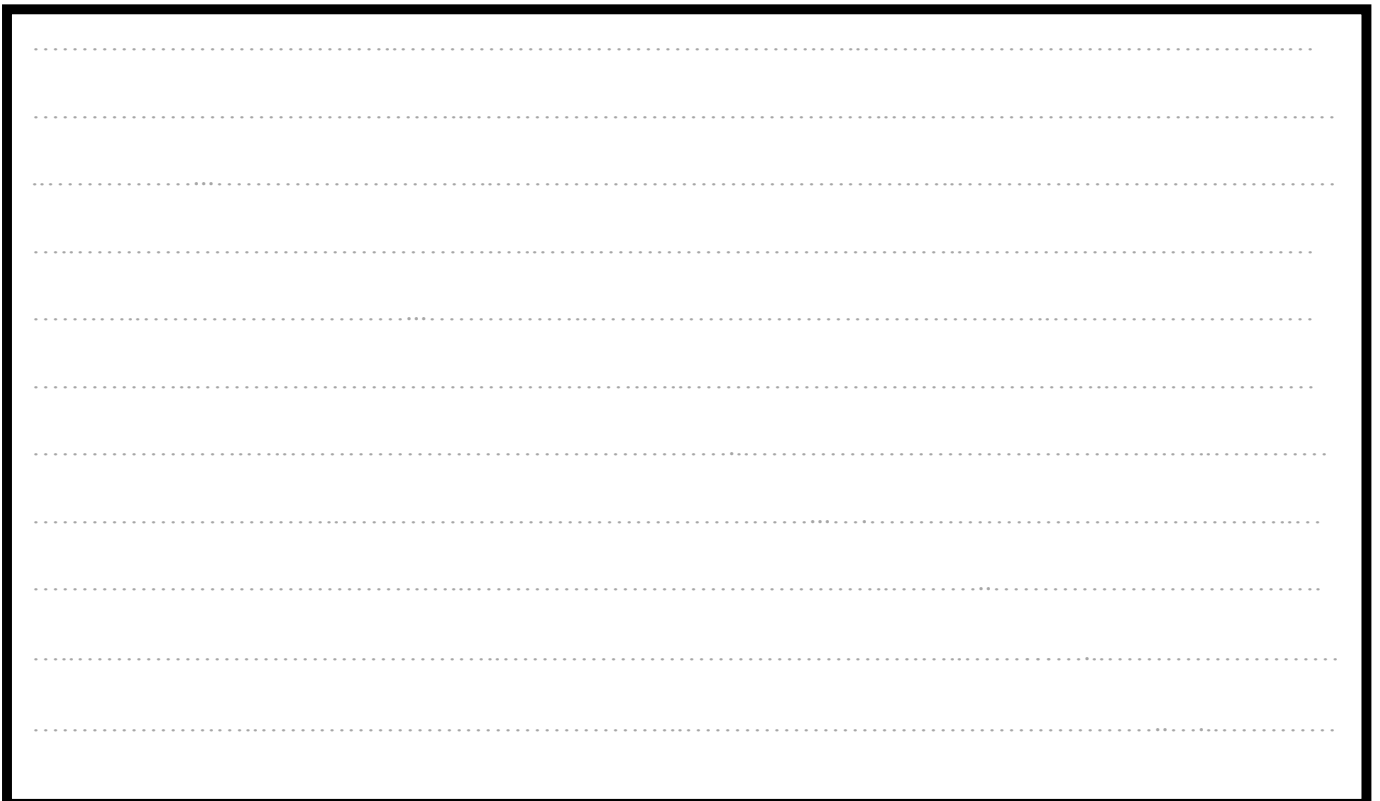


## 7-IUD insertion (Skill lab)



A large rectangular box with a solid black border, containing 15 horizontal dotted lines for writing.

## 8-HSG (Skill lab)



A large rectangular box with a solid black border, containing 15 horizontal dotted lines for writing.

## **Contents**

- 1. Log Book*
- 2. Course specifications*
- 3. Student's guide*
- 4. Self-learning*



**2017 - 2018**