

## Care of Specific Populations: OB/Gyn Didactics and Objectives

Topic	Learning Objectives	Assessments	Teaching Method
Postmenopausal masses	<ul style="list-style-type: none"> <li>Outline the approach to a patient with an adnexal mass</li> <li>Compare characteristics of functional cysts, benign ovarian neoplasms and ovarian cancers</li> <li>Describe the symptoms and physical findings associated with ovarian cancer</li> <li>List the risk factors for ovarian cancer</li> <li>Describe the three histological categories of ovarian neoplasm.</li> </ul>	OB/Gyn Shelf Exam Integrated Clinical Exam Session Attendance OSCE	Small group
Cervical Cancer	<ul style="list-style-type: none"> <li>Describe the pathophysiology behind cervical cancer</li> <li>Describe the symptoms and physical findings of a patient with cervical cancer</li> </ul>		
Perimenopausal Bleeding	<ul style="list-style-type: none"> <li>Outline the causes, diagnosis and management of postmenopausal bleeding</li> <li>Identify risk factors for endometrial hyperplasia/carcinoma</li> <li>Describe the symptoms and physical findings of a patient with endometrial hyperplasia/cancer</li> </ul>		
Abnormal Pap Smear	<ul style="list-style-type: none"> <li>Identify risk factors for cervical neoplasia and cancer</li> <li>State the guidelines for cervical cancer screening</li> <li>Describe the initial management of a patient with an abnormal Pap smear</li> <li>Describe indications and complications of colposcopy, cervical biopsy, cryotherapy, LEEP, conization.</li> </ul>		
Post-Operative Complications	<ul style="list-style-type: none"> <li>Describe the components of post-operative care</li> <li>Discuss common post-operative complications</li> </ul>		
Alloimmunization	<ul style="list-style-type: none"> <li>Describe the pathophysiology and diagnosis of alloimmunization</li> <li>Describe the use of immunoglobulin prophylaxis during pregnancy for the prevention of alloimmunization</li> <li>Discuss the management of a patient with Rh-D sensitization in pregnancy</li> </ul>		
Obstetrical Procedures	<ul style="list-style-type: none"> <li>Describe the key components of preoperative evaluation and planning, including history, physical examination, and informed consent (including risks, benefits, and alternatives)</li> <li>Describe common measures for the prevention of infection, deep vein thrombosis and other perioperative complications</li> <li>Describe key components of postoperative care</li> <li>Discuss common postoperative complications</li> <li>Describe the communication of operative findings and complications to patient and family</li> </ul>		

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	Describe common outpatient and inpatient obstetrical procedures with their indications and possible complications: ultrasound, amniocentesis and chorionic villous sampling, intrapartum fetal surveillance, induction and augmentation of labor, spontaneous vaginal delivery, vaginal birth after Cesarean delivery, operative vaginal delivery, breech delivery, Cesarean delivery, postpartum tubal ligation, cerclage, newborn circumcision		
Maternal-Fetal Physiology	Discuss the maternal physiologic and anatomic changes associated with pregnancy Describe fetal and placental physiology Interpret common diagnostic studies during pregnancy		
Multifetal Gestation	List the risk factors for multifetal gestation Describe the embryology of multifetal gestation Describe the unique maternal and fetal physiologic changes associated with multifetal gestation Describe diagnosis and management of multifetal gestation Describe the potential maternal and fetal complications associated with multifetal gestation		
Intrauterine Fetal Demise (IUFD)	Describe the symptoms and common causes of fetal demise in each trimester, including genetic and nutritional factors Describe the diagnostic methods to confirm the diagnosis and etiology of fetal demise Describe the medical and psychosocial management of a patient diagnosed with a fetal demise Outline the steps to disclose a diagnosis of fetal demise to a patient Identify factors unique to developing countries that may lead to fetal demise		
Post term Pregnancy	Identify the normal duration of gestation List the complications of prolonged gestation Describe the evaluation and evidence-based management options for prolonged gestation		
Abnormal Labor	Review abnormal labor patterns Describe the causes and methods of evaluating abnormal labor patterns Discuss fetal and maternal complications of abnormal labor Review indications and contraindications for oxytocin administration Review risks and benefits of trial of labor after Cesarean delivery Review strategies for emergency management of Breech, shoulder dystocia and cord prolapse		
Amenorrhea	Define amenorrhea and oligomenorrhea		

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	<p>Explain the pathophysiology and identify the etiologies of amenorrhea and oligomenorrhea</p> <p>Describe the symptoms and physical examination findings of amenorrhea and oligomenorrhea</p> <p>Discuss the steps in the evaluation and management of amenorrhea and oligomenorrhea</p> <p>Describe the consequences of untreated amenorrhea and oligomenorrhea</p>		
Benign Disorders of the Breast Breastfeeding	<p>List the reasons why breast feeding should be encouraged</p> <p>List the normal physiologic and anatomic changes of the breast during pregnancy and postpartum</p> <p>Describe the common challenges in the initiation and maintenance of lactation</p> <p>Describe the resources and approach to determining medication safety during breast feeding</p> <p>Recognize and know how to treat common postpartum abnormalities of the breast</p>		
Chronic Pelvic Pain	<p>Define chronic pelvic pain</p> <p>Cite the prevalence and common etiologies of chronic pelvic pain</p> <p>Describe the symptoms and physical exam findings associated with chronic pelvic pain</p> <p>Discuss the psychosocial issues associated with chronic pelvic pain</p> <p>Discuss the steps in the evaluation and management options for chronic pelvic pain</p>		
Contraception/Sterilization	<p>Describe the mechanism of action and effectiveness of contraceptive methods</p> <p>Counsel the patient regarding the benefits, risks, and use for each contraceptive method</p> <p>Describe barriers to effective contraceptive use and to the reduction of unintended pregnancy</p> <p>Describe the methods of male and female surgical sterilization</p> <p>List the risks and benefits of female surgical sterilization procedures</p>		
Endometriosis	<p>Describe the theories of pathogenesis of endometriosis</p> <p>List the most common sites of endometriosis</p> <p>Describe the symptoms and physical exam findings in a patient with endometriosis</p> <p>Describe the diagnosis and management of endometriosis</p>		
First Trimester Bleeding and Abortion	<p>Develop a differential for first trimester vaginal bleeding</p> <p>Differentiate the types of spontaneous abortion (missed, complete, incomplete, threatened, septic)</p> <p>Describe the causes of spontaneous abortion</p> <p>List the management options for spontaneous abortion</p> <p>Describe reasons for induced abortion</p> <p>List methods of induced abortion</p>		

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	Understand the public health impact of the legal status of abortion		
Gestational Trophoblastic Disease	Describe the symptoms and physical examination findings of a patient with GTD including molar pregnancy. Describe the diagnostic methods, treatment options and follow-up for GTD including molar pregnancy. Recognize the difference between molar pregnancy and malignant GTD.		
Infertility	Define infertility Describe the causes of male and female infertility Describe the evaluation and initial management of an infertile couple List the psychosocial issues associated with infertility		
Intrapartum Care	Review the signs and symptoms of true and false labor Review the assessment of laboring patient Describe stages of labor Review pain management strategies Review methods for monitoring mother and fetus Review indications for operative delivery		
Intrapartum Fetal Surveillance	Review techniques of fetal monitoring Review how to interpret electronic fetal monitoring		
Leiomyoma	Discuss the prevalence of uterine leiomyomas Describe the symptoms and physical findings in patients with uterine leiomyomas Describe the diagnostic methods to confirm uterine leiomyomas List the management options for the treatment of uterine leiomyomas		
Medical Complications of Pregnancy	Identify the following medical and surgical conditions in pregnancy and discuss the potential impact of the conditions on the gravid patient and the fetus/newborn, as well as the impact of pregnancy (if any) on each condition, and appropriate initial evaluation: <ul style="list-style-type: none"> <li>• Anemia</li> <li>• Endocrine disorders (Diabetes mellitus, Thyroid disease)</li> <li>• Cardiovascular disease</li> <li>• Hypertension</li> <li>• Pulmonary disease</li> <li>• Renal disease</li> <li>• Gastrointestinal disease</li> <li>• Neurologic disease</li> <li>• Autoimmune disorders</li> <li>• Alcohol, tobacco, and substance abuse</li> <li>• Surgical abdomen</li> </ul>		

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	<ul style="list-style-type: none"> <li>• Infectious disease, including:</li> <li>• Syphilis, TORCH, Group B Streptococcus, Hepatitis, HIV, HPV, Parvovirus, Varicella</li> </ul>		
Normal and Abnormal Uterine Bleeding	<p>Define the normal menstrual cycle and describe its endocrinology and physiology</p> <p>Define abnormal uterine bleeding</p> <p>Describe the pathophysiology and identify etiologies of abnormal uterine bleeding</p> <p>Discuss the steps in evaluation of abnormal uterine bleeding</p> <p>Explain medical and surgical management options for patients with abnormal uterine bleeding</p> <p>Counsel patients about management options for abnormal uterine bleeding</p>		
Menopause	<p>Define menopause and describe changes in the hypothalamic-pituitary-ovarian axis associated with perimenopause and menopause</p> <p>Recognize symptoms and physical exam findings related to perimenopause and menopause</p> <p>Discuss management options for patients with perimenopausal and menopausal symptoms</p> <p>Counsel patients regarding the menopausal transition</p> <p>Discuss long-term changes associated with menopause</p>		
Patient Relations: Professionalism, informed consent, and abortion	<p>Review ethical principles</p> <p>Review principles of informed consent</p> <p>Understand the role of confidentiality in patient care</p> <p>Describe legal and ethical issues in the care of minors</p> <p>Describe issues of justice relating to access to obstetric and gynecologic care</p> <p>Recognize the role of physician as a leader advocate for women</p> <p>Explain ethical dilemmas in obstetrics and gynecology</p>		
Pelvic Organ Prolapse/Incontinence	<p>Describe normal pelvic anatomy and pelvic support</p> <p>Describe screening questions to elicit signs and symptoms of urinary incontinence</p> <p>Differentiate the types of urinary incontinence</p> <p>Describe the anatomic changes associated with urinary incontinence and pelvic organ prolapse</p> <p>Describe medical and surgical management options for urinary incontinence and pelvic organ prolapse</p>		
PMS/PMDD/Dysmenorrhea	<p>Identify the criteria for making the diagnosis of Premenstrual Syndrome (PMS) and Premenstrual Dysphoric Disorder (PMDD)</p> <p>List treatment options for PMS and PMDD</p>		

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<p>Preterm Premature Rupture of Membranes/Preterm Labor</p>	<p>List the history, physical findings, and diagnostic methods to confirm the rupture of the membranes            Identify the risk factors for premature rupture of membranes            Describe the risks and benefits of expectant management versus immediate delivery, based on gestational age            Describe the methods to monitor maternal and fetal status during expectant management</p>		
<p>Sexual Assault/Domestic Violence</p>	<p>Identify patients at increased risk for sexual assault            Describe the medical and psychosocial management of a victim of sexual assault            Cite prevalence and incidence of violence against women, elder abuse, and child abuse            Demonstrate screening methods to assess for intimate partner/domestic violence            Communicate the available resources for victims of intimate partner/domestic violence, including short-term safety</p>		
<p>Sexually Transmitted Infections/Vaginitis</p>	<p>Formulate a differential diagnosis for vulvovaginitis            Interpret a wet mount microscopic examination            Describe the variety of dermatologic disorders of the vulva            Discuss the steps in the evaluation and management of a patient with vulvovaginal symptoms</p>		
<p>Third Trimester Bleeding/Postpartum Hemorrhage</p>	<p>List the causes of third trimester bleeding            Describe the initial evaluation of a patient with third trimester bleeding            Differentiate the signs and symptoms of third trimester bleeding            Describe the maternal and fetal complications of placenta previa and abruption placenta            Describe the initial evaluation and management plan for acute blood loss            List the indications and potential complications of blood product transfusion</p>		

CSP: OB/GYN