

## **LEARNING OBJECTIVES: Pediatric and Adolescent Gynecology Sub-I**

<b>Overarching Goals</b>	<b>Learning Objectives: By the end of the rotation, students will be expected to:</b>	<b>Where/how taught</b> <i>(location or learning activity)</i>	<b>Taught by</b> <i>(attending, fellows, etc.)</i>	<b>How student's achievement of objective is assessed</b> <i>(assessment method)</i>	<b>How feedback is given</b> <i>(feedback method)</i>	<b>Quantity target</b> <i>(target number of patients/ events during rotation)</i>
<b>1, 2, 3, 4, 5, 7, 8</b>	<p><b>1. Medical Knowledge</b></p> <p>a. Identify the anatomic changes of the genital tract and breast that occur at different ages, including Tanner staging</p> <p>b. Characterize the hormonal changes that occur as part of normal puberty</p> <p>c. Summarize the principal disorders or conditions experienced by adolescent patients and the special implications for diagnosis and management of complex diseases as they pertain to adolescents (dysmenorrhea, pelvic pain, endometriosis, vulvovaginitis)</p> <p>d. Formulate differential diagnoses and work up for postmenarchal females with abnormal uterine bleeding including work up for bleeding disorders</p> <p>e. Diagnose, formulate differential diagnosis and treat primary and secondary amenorrhea</p> <p>f. Characterize metabolic changes specific to Polycystic Ovary Syndrome, work up and diagnostic criteria of PCOS as well as formulate treatment plan</p> <p>g. Describe appropriate follow up for a patient who has been treated for a pediatric gynecologic disorder</p> <p>h. Map the components of provision of counseling and gynecologic care for teens with gender identity and sexual orientation differences</p>	<i>Inpatient &amp; Outpatient settings</i>	<i>Pediatric &amp; Adolescent Gynecology Attendings, Ob/Gyn Attendings &amp; Ob/Gyn residents</i>	<i>Direct observation and evaluation of oral and written presentation</i>	<i>Directly from Pediatric &amp; Adolescent Gynecology Attendings, Ob/Gyn Attendings &amp; Ob/Gyn residents</i>	
<b>1, 2, 3, 4, 5, 8</b>	<p><b>2. Patient Care (Clinical Skills)</b></p> <p>a. Perform history-taking from a pediatric patient and one of her parents or caregiver</p> <p>b. Apply laws of patient confidentiality during the provision of management services for an adolescent with a sexually transmitted infection</p> <p>c. Apply laws of confidentiality while providing contraception to adolescents. Assess contraceptive</p>	<i>Inpatient &amp; Outpatient settings</i>	<i>Pediatric &amp; Adolescent Gynecology Attendings, Ob/Gyn Attendings &amp; Ob/Gyn residents</i>	<i>Direct observation and evaluation of oral and written presentation</i>	<i>Directly from Pediatric &amp; Adolescent Gynecology Attendings, Ob/Gyn Attendings &amp; Ob/Gyn residents</i>	

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	<p>needs of adolescent patients: counseling and administration in accordance with the state laws</p> <p>d. Perform a focused physical examination appropriate for the patient's age, including:</p> <ol style="list-style-type: none"> <li>1. Demonstration of correct use of equipment</li> <li>2. Positioning</li> <li>3. Adjuncts to examination (utilizing parental support, Child's Life and Social Work services)</li> <li>4. Documentation of pertinent physical findings</li> </ol> <p>e. Perform and/or interpret indicated tests to diagnose a specific gynecologic disorder in the pediatric patient:</p> <ol style="list-style-type: none"> <li>1. Microbiologic cultures of the lower genital tract</li> <li>2. Vaginoscopy (Surgical)</li> <li>3. Vaginal lavage</li> <li>4. Ultrasonography</li> <li>5. MRI</li> </ol> <p>f. Describe a forensic examination (including appropriate laboratory tests) for sexual abuse</p> <ol style="list-style-type: none"> <li>1. Describe mandated reporting law for sexual abuse in the physician's practice location</li> <li>2. Recognize clinical situations of sexual abuse requiring adherence with state specific regulations</li> <li>3. Apply the standards for diagnosis of sexual abuse and for maintenance of the chain of evidence</li> </ol> <p>g. Perform and apply physical exam to characterize pediatric gynecologic disorders, including:</p> <ol style="list-style-type: none"> <li>1. Tanner staging – breast and pubic hair</li> <li>2. Dermatologic exam (including but not limited to describing hirsutism, cystic acne, striae)</li> <li>3. Labial adhesions, prepubertal and postpubertal genital lichen sclerosis</li> </ol> <p>h. Contrast current and forthcoming patient options for Preservation of Fertility in Females (Surgical)</p> <ol style="list-style-type: none"> <li>1. Embryo cryopreservation</li> </ol>					

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	2. Oocyte cryopreservation 3. Ovarian tissue cryopreservation 4. Ovarian suppression/menstrual suppression 5. Ovarian transposition 6. Other considerations of fertility preservation options in females. Review other options - Ovum donation - Gestational carriers  i. Summarize the indications for diagnostic tests, such as: 1. Urinalysis 2. Urine culture 3. Vulvar/vaginal culture, wet mount 4. Vaginal lavage 5. Pelvic ultrasound 6. Pelvic MRI j.					
<b>1, 2, 3, 4, 5, 8</b>	<b>3. Patient Care (Management Skills).</b> Assist in performing a. Basic gynecologic exam of prepubertal child b. Resection of the vaginal septum c. Laparoscopic ovarian cystectomy in pre- and postpubertal females d. Laparoscopic removal of the rudimentary uterine horn(s) e. Surgical removal of gonads as indicated in patients with DSD f. Lysis of labial adhesions g. Surgical diagnosis and treatment of endometriosis in adolescents h. Vaginoscopy i. Vaginal lavage j. Vulvar biopsy in young children (under sedation)	<i>Inpatient &amp; Outpatient settings</i>	<i>Pediatric &amp; Adolescent Gynecology Attendings, Ob/Gyn Attendings &amp; Ob/Gyn residents</i>	<i>Direct observation</i>	<i>Directly from Pediatric &amp; Adolescent Gynecology Attendings, Ob/Gyn Attendings &amp; Ob/Gyn residents</i>	

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<b>1, 2, 3, 4, 5, 8</b>	<b>4. Practice-Based Learning</b> a. Formulate and answer basic clinical questions that arise from patient care interactions to discuss with faculty and the healthcare team b. Use personal experience with challenging patients to optimize relationships with future patients c. Incorporate feedback from evaluations to improve skill base d. Apply information from core textbooks and online information technology such as UpToDate, PubMed literature search, Cochrane Database, etc. to patient care.	<i>Inpatient &amp; Outpatient settings</i>	<i>Pediatric &amp; Adolescent Gynecology Attendings, Ob/Gyn Attendings &amp; Ob/Gyn residents</i>	Direct observation	<i>Directly from Pediatric &amp; Adolescent Gynecology Attendings, Ob/Gyn Attendings &amp; Ob/Gyn residents</i>	
<b>1, 2, 3, 4, 5, 6, 8</b>	<b>5. Systems-Based Practice</b> <ul style="list-style-type: none"> <li>• Appraise patient's need for diagnostic tests with attention to clinical relevance and cost-effectiveness</li> </ul>	<i>Inpatient &amp; Outpatient settings</i>	<i>Pediatric &amp; Adolescent Gynecology Attendings, Ob/Gyn Attendings &amp; Ob/Gyn residents</i>	<i>Direct observation and evaluation of oral and written presentation</i>	<i>Directly from Pediatric &amp; Adolescent Gynecology Attendings, Ob/Gyn Attendings &amp; Ob/Gyn residents</i>	