

## Course Specification Card for Block & Clerkship 4.3 (Life Cycle 3)

College	College of Medicine	Department	Medical Education		
Course Name (English)	Life Cycle 3	Course Name (Arabic)	أمراض نساء وتوليد وأطفال		
Course Number	1000403	Course Code	1000403		
Credit Hrs.	6 hours	Contact Hrs.	Theoretical	Practical	T
Teaching Language	English <input checked="" type="checkbox"/> Arabic <input type="checkbox"/>		60	80	120
Teaching Method	<input checked="" type="checkbox"/> Face-to-Face <input type="checkbox"/> Online <input type="checkbox"/> Blended				
Course Nature	<input checked="" type="checkbox"/> Compulsory <input type="checkbox"/> Elective				
Course Type	<input type="checkbox"/> University Requirement <input checked="" type="checkbox"/> College Requirement <input type="checkbox"/> Program Requirement				
Level	Year 4	Pre-Requisite(s)	All Year 3 Courses		

### Course Description:

Communicate with patients and being able to diagnose and manage clinical conditions and diseases related to Gynecology/ Obstetrics and Pediatric within the context of professionalism and team work

- Train students to take detail history of patient complaint.
- Train students to do proper clinical examination on manikin and then on real patients.
- Practice doing clinical reasoning
- Request suitable investigations related to patients' clinical condition.
- Put treatment plan and explain it to the patient.

### Topics:

1. Disorders of Menstrual Cycle- Infections.
2. Utero-vaginal prolapse- Urinary Incontinence- Contraception: - Infertility.
3. Benign tumors- Cancer: risk factors; staging; investigations and plan of treatment.
4. Operations: Dilatation n Curettage (D & C), Laparoscopy in gynecology, Hysterectomy, Bartholin cyst; abscess- Cesarean section, Forceps & Ventouse, Uterine curettage.
5. Antenatal care - DM with pregnancy- hypertension with pregnancy - Fetal assessment tools - Cardiotocography - antepartum hemorrhage .
6. Normal labor- PROM- Preterm labor- Obstructed labor-PPH.
7. Nutrition- Disorders of development.
8. Anemia and hyperbilirubinemia in newborn and children.
9. Infections (fever with rash and Fever without focus)- Acute gastroenteritis- UTI.
10. Lymphadenopathy- Immunology- Diabetes mellitus.

### Learning Outcomes

- Describe the normal and the disturbed structural of organs and body system in children and female genital tract .
- Recite the basic physiological aspects and their dysregulation related to menstrual cycle, female hormones, conception, pregnancy and body systems in children.
- Describe the etiology, epidemiology, pathophysiology, clinical presentation, complications, investigations and treatment of common disorders related to gynecology/ obstetrics and pediatrics.
- Interpret information (symptoms, signs and investigations) to diagnose common clinical conditions in gynecology/ obstetrics and pediatric
- Communicate with patients and take a detailed clinical history in a systematic way.
- Perform a complete and a safe physical examination .
- Formulate a list of differential diagnosis based on integration of the history and clinical examination findings.
- Perform simple diagnostic, interventional and therapeutic procedures (both safely & effectively), e.g. child birth, cervical swab, urethral catheterization in women.
- Prescribe treatment using/applying up-to-date and evidence based lines of treatment (both pharmacological and non-pharmacological) for common clinical problems .
- Provide safe and professional clinical management of patients related to Gynecology/ Obstetrics and Pediatrics.
- Work effectively within a health care team to achieve optimal patient care .
- Facilitate the doctor-patient relationship through effective communication skills within the context of patient care and cooperation with other care providers.

<p>11. Abdominal Pain- Control of elimination- Substance abuse and poisoning.  12. Bronchial asthma- Croup- Cystic fibrosis- Foreign Body Aspiration-acute epiglottitis</p>						
<p>Assessment Tools</p>	<input type="checkbox"/>		<input type="checkbox"/> mid- block exam	10 %	<input type="checkbox"/> Final Written Exam	30%
	<input type="checkbox"/> Hospital Assessment	15%	<input type="checkbox"/> OSCE	% 30	<input type="checkbox"/> Clinical Exam	15%
<p>Main Reference</p>	<ul style="list-style-type: none"> <li>• Beckmann C, Ling F, Barzansky B, Herbert W, Laube D and Smith , R.P. Obstetrics and Gynecology. Lippincott Williams &amp; Wilkins / ISBN 9781451144314 / 8th revised edition / 2013 .</li> <li>• Marcadante K, Kliegman R, Jenson H and Behrman R. Nelson Essentials of Pediatrics. Saunders Elsevier / ISBN 9781437706437 / 8th edition / 2010.</li> </ul>					
<p>Supporting References</p>	<ol style="list-style-type: none"> <li>1. Block 4.3 “life cycle 3” Student Manual First Edition 2015</li> <li>2. Communication skills Manual year 3</li> <li>3. All Block 3.1 lectures related to pediatric or gynecologic oncology</li> <li>4. All Block 3.3 and 3.4 lectures/practical related to gynecology &amp; obstetrics and Pediatrics</li> <li>5. Lynn B et al. Bates' Guide to Physical Examination and History-Taking. Lippincott Williams &amp; Wilkins / ISBN 978-1609137625 / 11th edition, 2012.</li> <li>6. Graham D., Fiona N. and Colin R. Macleod's Clinical Examination. Churchill Livingstone / ISBN-13: 978-0702047282 / 13th edition 2013</li> <li>7. British National Formulary, Royal Pharmaceutical Society Pharmaceutical Press/ ISBN 978085369920 / 61st edition 2011</li> <li>8. NICE Guidelines: <a href="https://www.nice.org.uk/guidance/published?type=guidelines">https://www.nice.org.uk/guidance/published?type=guidelines</a> – the required guidelines according to topic are mentioned in the student manual with each session</li> </ol> <p>Other learning material such as computer-based programs/CD, professional standards or regulations and software.  Instructional / Educational VIDEOS :  Bates’ visual guide to physical examination: Bates Home page for videos (password required, found in the textbook): <a href="https://batesvisualguide.com/">https://batesvisualguide.com/</a>  NOTE: videos mentioned in student manual for preparation are adjusted to Bates – when using MacLeod, look for corresponding videos</p>					

