



Academic Unit Profile

1. Academic Unit Name: OBG431 Gynecology & Obstetrics		
2. Credit/contact hours:	Theory Hours Lecture: 55 Tutorial: 42 Students presentation: 24	Practical Hours Clinical rotation:280 Simulation:33
3. Number of weeks	16	
4. Level/year at which this course is offered:	Y3S2, Y4S1	
5. Pre-requisites for this course (if any): Completion of Basic sciences		
6. Co-requisites for this course (if any): none		

Academic Unit Synopsis

This is an academic duration during which students will consolidate previously learned foundational knowledge and skills relevant to the practice of obstetrics and gynecology and gain further experience relevant to the different health issues and problems pertinent to women's health. Clinical experience will be gained during rotations in ambulatory and in-patient services. It is mainly hospital based. It includes clinical rounds, antenatal referred clinical attendance & labour room attendance. The skills lab and simulation facilities will be utilized to fulfil objectives of the course. Activities and skills are to be documented in a logbook and a portfolio. Performance of students will be continuously monitored and assessed using the various WPBA instruments

Academic Unit Learning Outcomes

CLOs		Aligned-PLOs
	Knowledge:	
K1	Explain the normal and pathological conditions of pregnancy, antepartum, intrapartum and post-partum including contraception.	A1
K2	Describe the epidemiologic and preventive aspects of common conditions related to Obstetrics and Gynaecology.	A2
K3	Explain the normal and pathological conditions of menstrual cycle including puberty and menopause and abnormal uterine bleeding	A2
K4	Explain etiology and evaluation of infertility, including abortion.	A2



CLOs		Aligned-PLOs
K5	Describe common benign and malignant gynecological conditions including risk factors, signs and symptoms and initial evaluation.	A2
Skills		
S1	Demonstrate competence in the medical interview and physical examination of Obstetrical and Gynecological conditions.	B1
S2	Identify the conditions in Obstetrics and Gynecology where you need to intervene urgently	B2
S3	Select the most appropriate and cost-effective investigation to reach the proper diagnosis, considering the patient rights and abilities and the capabilities of the health system services.	B2
S4	Formulate the management plan based on the findings of history, examination and investigation; including the need for referral or consultation with senior medical officer.	B2
Attitude		
A1	Interact effectively with the obstetrical and gynecological health team.	C2
A2	Apply the contemporary ethical principles of medical practice, respect patients' autonomy and confidentiality.	C4

Academic Unit Content

No	List of Topics	Contact Hours
1	Antenatal care	2
2	Antenatal obstetric complications	10
3	Assessment of fetal wellbeing	4
4	Benign conditions of the female genital tract	2
5	Benign conditions of the uterus, cervix, and endometrium	2
6	Benign conditions of ovaries	5
7	Contraception	2
8	Ethics in OBGYNE	2
9	Early pregnancy problems	7
10	Genital tract infection	5
11	Genitourinary problems	4
12	Gynecological History, examination, and Investigations	8
13	Gynecological Surgery and Therapeutics	2
14	Hypertensive Disorders of Pregnancy	7
15	Labor: Normal and Abnormal	15
16	Medical Complications of Pregnancy	14



17	Menopause and post-reproductive health	1
18	Multiple Pregnancy	2
19	normal and abnormal Menstrual cycle conditions.	7
20	Normal fetal development and growth	1
21	Obstetric emergencies	7
22	Obstetric History and Examination	8
23	Operative Delivery	4
24	Preventive medicine	6
25	Perinatal Infections	1
26	Premalignant and Malignant conditions of the female genital tract	5
27	Preterm Labour	2
28	The infertility	2
29	The development and anatomy of the female sexual organs and pelvis	5
30	The puerperium	3
Total		148

Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
Skills			
K1	Explain the normal physiological changes of pregnancy, antepartum, intrapartum and post partum.	Clinical rounds, case discussions, lectures, clinical skills and simulation lab sessions	MCQ-based written exams, Workplace-based assessment activities using Mini-Clex and multi-source feedback using logbooks and portfolios and final OSCEs
K2	Describe the epidemiological profile of the population and society, their heritage and cultural, social, geographic, legislative and economic characteristics, and relationship of all those to obstetrical and gynecological practice.	Clinical rounds, case discussions, lectures, clinical skills and simulation lab sessions	MCQ-based written exams, Workplace-based assessment activities using Mini-Clex and multi-source feedback using logbooks and portfolios and final OSCEs
K3	Apply the knowledge and skills necessary to identify the obstetrical and gynecological problems of a patient and their management, including	Clinical rounds, case discussions, lectures, clinical skills and	MCQ-based written exams, Workplace-based assessment activities using Mini-Clex and multi-source feedback using



Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	emergency situations, normal and abnormal pregnancy, and gynecological diseases including health promotion, prevention, treatment, rehabilitation and follow up.	simulation lab sessions	logbooks and portfolios and final OSCEs
K4	Use the required communication skills for taking appropriate history and conducting physical examination.	Clinical rounds, case discussions, lectures, clinical skills and simulation lab sessions	MCQ-based written exams, Workplace-based assessment activities using Mini-Clex and multi-source feedback using logbooks and portfolios and final OSCEs
K5	Apply the foundational structure and function knowledge and the underlying pathophysiological processes relevant to obstetrical and gynecological practice, and the diagnosis and management of pregnancy and complications and other illnesses and ill-health in patient and community.	Clinical rounds, case discussions, lectures, clinical skills and simulation lab sessions	MCQ-based written exams, Workplace-based assessment activities using Mini-Clex and multi-source feedback using logbooks and portfolios and final OSCEs
S1	Demonstrate competence in the medical interview and physical examination of Obstetrical and Gynecological conditions.	Clinical rounds, case discussions, lectures, clinical skills and simulation lab sessions	MCQ-based written exams, Workplace-based assessment activities using Mini-Clex and multi-source feedback using logbooks and portfolios and final OSCEs
S2	Identify the conditions in Obstetrics and Gynecology where you need to intervene urgently	Clinical rounds, case discussions, lectures, clinical skills and simulation lab sessions	MCQ-based written exams, Workplace-based assessment activities using Mini-Clex and multi-source feedback using logbooks and portfolios and final OSCEs
S3	Select the most appropriate and cost-effective investigation to reach the proper diagnosis, considering the patient rights	Clinical rounds, case discussions, lectures, clinical skills and	MCQ-based written exams, Workplace-based assessment activities using Mini-Clex and multi-source feedback using



Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	and abilities and the capabilities of the health system services.	simulation lab sessions	logbooks and portfolios and final OSCEs
A1	Interact effectively with the obstetrical and gynecological health team.	Clinical rounds, case discussions, lectures, clinical skills and simulation lab sessions	MCQ-based written exams, Workplace-based assessment activities using Mini-Clex and multi-source feedback using logbooks and portfolios and final OSCEs
A2	Apply the contemporary ethical principles of medical practice, respect patients' autonomy and confidentiality.	Clinical rounds, case discussions, lectures, clinical skills and simulation lab sessions	MCQ-based written exams, Workplace-based assessment activities using Mini-Clex and multi-source feedback using logbooks and portfolios and final OSCEs

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Embedded (WBPA) assessment	Weekly	30%
2	Final Med (written exam, spotter exam, DOCE and OSCE)	Final	70%

*Assessment task (i.e., written test, oral test, oral presentation, group project, essay, etc.)

Learning Resources and Facilities

1. Learning Resources

Required Textbooks	<ul style="list-style-type: none"> • Obstetrics by Ten Teachers, 20th Edition, By: Louise C. Kenny & Jenny E. Myers • Gynaecology by Ten Teachers, 20th. Edition, By: Louise C. Kenny & Helen Bickerstaff • Obstetrics Illustrated, 7th. Edition, By: Kevin P. Hanretty • Gynaecology Illustrated, 6th. Edition, By: Catrina M. Bain, Kevin Burton & C. Jay McGavigan • Clinical Obstetrics and Gynecology, 3rd. Edition, By: Brain A. Magowan, Philip Owen & Andrew Thomson • Oxford Handbook of obstetrics and Gynaecology, 3rd. Edition, By: Sally Collins, Sabaratnam Arulkumaran, Kevin Hayes, Simon Jackson & Laurence Impey
---------------------------	--



Essential References Materials	<ul style="list-style-type: none">PowerPoint presentations and lectures files uploaded on DMCG Portal (LMS)
Electronic Materials	<ul style="list-style-type: none">https://www.amboss.com/us/knowledge/OB/GYN:_history_and_physical_examinationhttps://www.uptodate.comhttps://obgyn.mhmedical.comhttps://www.clinicalkey.com/#/https://search.ebscohost.com/https://accessmedicine.mhmedical.com/Aquifare
Other Learning Materials	Learning videos

2. Facilities Required

Item	Resources
Accommodation (Classrooms, laboratories, demonstration rooms/labs, etc.)	Training, sites and Clinical skills laboratory and simulation laboratory
Technology Resources (AV, data show, Smart Board, software, etc.)	Online and computer-based digital resources library
Other Resources (Specify, e.g. if specific laboratory equipment is required, list requirements or attach a list)	Simulators (task and high-fidelity manikins), Volunteers and simulated patients