

Course Specification

Obstetrics and Gynecology

1. General information

Course Title	Obstetrics &Gynecology
Code No.	OG741
Department	Obstetrics &Gynecology
Teaching Hours	220hrs.
Language	English
Academic Year	Fourth Year
Course Coordinator	Dr. Mona Elgobbi
Date and Signature	October 2020

1.1 . Number of hours per week.

Lectures: 3hrs.

Clinical: 12 hrs. (2 Months)

Tutorial: 1 hr./2 week

2. Objectives of Course:

- To provide students with general and basic knowledge about normal, and abnormal structure, growth and development of female genital tract at different age groups.
- To provide students with a broad knowledge and skills regarding obstetric and gynecological disorders and infections.
- To provide students with necessary knowledge and skills to manage normal pregnancy and labor and to recognize high risk cases.
- To deliver an equipped students who are capable to diagnose and manage ordinary and an urgent and complicated cases.
- To be aware with family and community related issues and to deal with them in a professional and ethical manners.

3. Intending Learning Outcomes (ILOs):

a. Knowledge and Understanding:

On successful completion of the course, student will be able to:

a.1	Describe different anatomical structure and development of female genital tract and their clinical application at different age groups and know how to take a proper history.
a.2	Understand the basic physiology changes during pregnancy and the principles of antenatal care and know the different placental functions and abnormalities.
a.3	Mention aetiology, pathogenesis, diagnosis, and management of amniotic fluid disorders (oligo- poly- amnionitis), foetal growth disorders and Rh-isoimmunisation.
a.4	Recognize high-risk pregnancies (preeclampsia, Diabetes mellitus, Sexually transmitted diseases, anaemia, and bleeding)
a.5	Identify the normal and abnormal menstruation and abnormalities of menopause.
a.6	State complications of prenatal, natal, and postnatal stages and the properly management
a.7	Define the common disease and infections of cervix, uterus, ovaries, fallopian tubes and vagina with highlighting the related cancers and the early way of detection and management.

b. Intellectual skills:

On successful completion of the course, student will be able to:

b.1	Differentiate between normal and high-risk pregnancies, and early proper managements for each.
b.2	Recognize menopause disorders and analyse and manage vaginal bleeding in appropriate way.
b.3	Interpret ultrasound findings and laboratory tests scientifically to achieve an suitable management.

c. Practical and Professional Skills:

On successful completion of the course, student will be able to:

c.1	Take a proper history and perform a skilled physical examination
c.2	Estimate the gestational age of pregnancy through history and by applying suitable techniques
c.3	Conduct labour and to manage labour complications properly .
c.4	Monitor foetus at risk and perform urgent management
c.5	Differentiate between common and important gynaecological disorders.
c.6	Observe and conduct of second and third stages of labor
c.7	Counsel clients about family planning methods.

d. General and Transferable skills:

On successful completion of the course, student will be able to:

d.1	Communicate effectively with patients and their families.
d.2	Demonstrate appropriate professional attitude in clinical situations.
d.3	Maintain clear and scientific patient records.
d.4	Utilize IT skills and biostatistics properly to present significant work.

4. Course Contents:

Academic Subject	Total Hours (220)	Lectures	Clinical	Tutorials
Obstetrics: <ul style="list-style-type: none"> ▪ Obstetric history ▪ Normal & Abnormal pregnancy ▪ Normal & Abnormal labour ▪ Complicated labour ▪ Newborn care ▪ Normal & abnormal puerperium ▪ Procedures in obstetrics 	130	60	60	10
Gynecology: <ul style="list-style-type: none"> ▪ Anatomy & embryology of genital tract ▪ Physiology of ovulation and menstruation ▪ Menstruation related symptoms ▪ Pediatrics and adolescent gynecology ▪ Menopause ▪ Reproductive tract infections ▪ Endocrinology and infertility ▪ Endometriosis, adenomyosis & pelvic pain ▪ Displacements, trauma & urogynecology ▪ Contraception ▪ Breast disorders ▪ Oncology ▪ Human sexuality ▪ Procedures in gynecology 	90	40	40	10

5. Teaching and Learning Methods :

- Formal Lectures
- Clinical sessions
- Tutorials and case-based discussion

6. Evaluation Methods

Evaluation Method	Date	Marks 200	%	ILOs Assessed
1 Mid-year Exam	June	30	15%	Knowledge, understanding and intellectual skills
2 Final Exam	November	170	85%	
▪ Written		70		Knowledge, understanding and intellectual skills
▪ Clinical		70		knowledge, understanding and intellectual skills Practical and professional skills General and transferable skills
▪ Oral		30		Knowledge, understanding and intellectual skills Professional, general and transferable skills

7. Evaluation Schedule:

Evaluation	Date
Mid-term written exam: True & False questions & MCQs with case studies Essay questions, matching and complete the blanks	June
Final written exam: True & False questions, MCQs with case studies Essay questions, matching and complete the blanks	November
Clinical exam: short and long cases, objective structured clinical exam (OSCE) , conducted by external examiners	November
Oral exam: conducted by external examiners	November

8. References:

Reference Title	Publisher	Edition	Author	Place
Course Handout			Department Staff	Library
Obstetrics by Ten Teachers	Taylor and Francis Group	19 th 2011	Philip N Baker, Louise Kenny	
Gynaecology by Ten Teachers	CRC Press	20 th 2017	Louise Kenny , Helen Bickerstaff	
Illustrated Textbook of Obstetrics and Gynaecology	Phoenix Scientific Pubns.		R.S. Ledward	

9. Required Facilities:

Required Facilities	Comments
Intensive care ward	
Lecture Hall in ob-gyne ward	
Ob-gyne teaching room	
Ob-gyne Resuscitation model	
General and specialized inpatient clinic	

Course Coordinator: Dr. Mona Elgobbi

Signature:

Programme Coordinator: Dr. Hussain Amaigil

Signature:

Head of Department: Dr. Mona Elgobbi

Signature:

Date: October 2020

Course ILOs Mapping Matrix – Obstetrics & Gynecology

Topic	Knowledge and Understanding a							Intellectual Skills b			Practical and Professional Skills c							General and Transferable Skills d			
	1	2	3	4	5	6	7	1	2	3	1	2	3	4	5	6	7	1	2	3	4
Obstetric history	x									x	x	x						x	x	x	
Normal & Abnormal pregnancy	x	x		x							x	x						x	x	x	
Normal & Abnormal labour	x	x		x			x	x				x	x			x		x	x	x	x
Complicated labour			x	x				x					x	x				x	x	x	x
Newborn care						x		x						x				x	x	x	x
Normal & abnormal puerperium						x												x	x	x	x
Procedures in obstetrics						x				x			x	x		x		x	x	x	x
Anatomy & embryology of genital tract	x																	x	x	x	x
Physiology of ovulation & menstruation	x				x				x	x					x			x	x	x	x
Menstruation related symptoms & menopause	x				x				x	x					x			x	x	x	x
Pediatrics and adolescent gynecology	x								x	x								x	x	x	x
Reproductive tract infections							x			x					x		x	x	x	x	x
Endometriosis, adenomyosis & pelvic pain							x		x	x								x	x	x	x
Displacements, trauma & urogynecology							x		x	x								x	x	x	x
Contraception	x						x		x	x					x		x	x	x	x	x
Breast disorders	x									x								x	x	x	x
Oncology							x		x	x					x		x	x	x	x	x
Human sexuality	x						x		x	x					x		x	x	x	x	x
Procedures in gynecology							x		x	x					x		x	x	x	x	x