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# STUDY GUIDE

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FOURTH YEAR and FINAL YEAR COURSE

Department of Obstetrics & Gynaecology  
Ameer-ud-Din Medical College, Lahore

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## **INTRODUCTION TO STUDY GUIDE**

Dear student,

Welcome to the Fourth and Final year Obstetrics and Gynaecology Course. The department of Obstetrics and Gynaecology will be facilitating the course. There are three teaching units in the department to assist in your learning. You will spend 150 Study hours in fourth year and 427 study hours in final year, learning the different aspects of the subject.

The purpose of the study guide is to help you learn the subject of Obstetrics and Gynaecology. It is designed to help you manage your learning and access the resources available to you. It takes you through the general objectives of learning the subject, divides the subject into modules for easy learning and helps you understand the course work, clinical skills and attitudes that are desired of a good doctor.

The basic sciences courses you did in the last three years are pre-requisites for the course of Obstetrics & Gynaecology and will help you in better understanding of the subject and its application to actual patients. We advise you to refer back to these subjects if there are any issues in understanding the subject. We hope you will realize how integrated these subjects are to your clinical practice.

Methods of assessment, have also been written so that you can related teaching to assessment and have a fair idea of the assessment methods and what internal and external assessment is all about.

We hope the students take time out to go through the guide and to use it effectively to learn the subject of obstetrics and Gynaecology. We look forward to feed back from the students and faculty so that the guide can be to improved further.

For any assistance please do not hesitate to contact the teaching faculty of the department of Obstetrics and Gynaecology. (Details available at AMC website, DME and student section office). Alternatively, please feel free to visit the head of the department for any issues that you face in learning of the subject or otherwise.

We hope that your rotation in our department will be very fruitful and enjoyable and will equip you for future practical life.

With compliments from:

Head of department and members of faculty , Department of Obstetrics and Gynaecology.

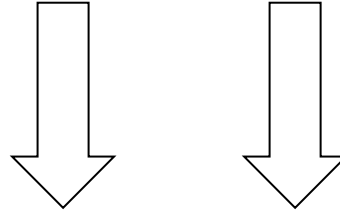
## **OBJECTIVES OF CURRICULUM**

General objectives of under graduate Obstetrics and Gynaecology teaching and training are to equip the students with essential knowledge, skills and attitudes, so that they are able to:

- Identify pregnancy and its complications and gynaecological diseases including emergencies, provide primary health care, refer to appropriate centre and provide follow-up to the patients.
- Perform essential required skills.
- Communicate effectively with the patient, the family and the community regarding disease and its relevant issues.
- Understand medical ethics and its application, pertaining to surgery and maintain the confidentiality of the patient.
- Have knowledge of the prevalence and prevention of the common obstetrical problems and gynaecological diseases in the community and use this information effectively
- Apply principles of patient safety and quality of care.
- Understand the principles of medical research including fundamentals of information technology.

# CURRICULUM MAP

You will study details here



First year	Second Year	Third Year	<b>Fourth Year</b>	<b>Final Year</b>	House Job
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You are entering in 2nd year of clinical classes. Here you are going to study General Principles in Obstetrics and Gynaecology along with other subjects. IN Final year you are supposed to get lectures and ward rotations also. In the final assessment you will be assessed in all aspects of Obstetrics and gynaecology. So, learn carefully and revise it very often till your final professional examination.

# **STRUCTURE OF FOURTH and FINAL YEAR**

## **FOURTH YEAR**

- Apart from other subjects in fourth Year (Community Medicine, Pathology, Eye, and ENT) the structure of the modules taught in obstetrics & Gynaecology will be:
  - Lectures - Once a week.
  - Lecture are scheduled on every Wednesday
  - Every lecture is of 50 minutes duration.
  - At the end of every Lecture feedback from the students would be collected for quality assurance and evaluation
- There will be a total of thirty lectures in fourth year.
  - Twenty four lectures are for interactive teaching
  - Six sessions will be utilized for formative written assessment : Class Tests in the form of MCQs
  - Collective feedback alongwith results are provided during lectures after Class Tests.

## **FINAL YEAR**

- In final year, the whole curriculum is divided into 16 modules; each module will be covered by the end of the year.
- Lectures - Thrice a week.
  - Lecture are scheduled on every Monday, Friday and Saturday.
  - Every lecture is of 50 minutes duration.
  - At the end of every Lecture feedback from the students would be collected for quality assurance and evaluation
- There will be a total of eighty one lecture slots in final year

- Seventy two lectures are for interactive teaching
- Nine sessions will be utilized for formative written assessment : Class Tests in the form of MCQs
- Collective feedback along with results are provided during lectures after Class Tests
- Every student has to go through clinical attachment or ward rotation for **six weeks**, (two weeks in every unit of department). It will include ward rotation and maternity duty. At the end of each ward rotation ward test in the form of OSPE and long case presentation/ viva is conducted.
- Send ups are scheduled at the end of final year around two months before final professional.



**TIME TABLE FOURTH YEAR MBBS SESSION 2015-2020**  
**POSTGRADUATE MEDICAL INSTITUTE/**  
**AMEER-UD-DIN MEDICAL COLLEGE, LAHORE.**  
 Valid from 26.11.2018 to 31.08.19



DAY & LOCATION	08:00–08:45 AM	08:45 AM–9:30 AM	9:30 AM–10:15 AM	10:15 AM–10:30 AM	10:30 – 12:30 PM	12:30 – 02:30 PM
Monday (LGH)	Ophthalmology	ENT	Pediatrics	Break	Ward	
Tuesday (LGH)	ENT	Ophthalmology	Internal Medicine		Ward	
Wednesday (PGMI)	Community Medicine	Community Medicine	Community Medicine		Community Medicine Tutorial/Practical/Trip	
Thursday (LGH)	Pathology	Pathology	Internal Medicine		Practical/Tutorial Pathology	
Friday (LGH)	Gynae & Obstt	General Surgery	Pathology		10:30-12:00	
Saturday (LGH)	Pathology	General Surgery	Neurology/Neurosurgery Urology/ Pulmonology Dermatology/Anesthesia Orthopedic/Radiology		Ward	

- Lectures of Neurology will start from **26.11.18 to 22.12.18.**
- Lectures of Neurosurgery will start from **01.01.19 to 02.02.19.**
- Lectures of Urology will start from **04.02.19 to 09.03.19.**
- Lectures of Pulmonology will start from **11.03.19 to 13.04.19.**
- Lectures of Dermatology will start from **15.04.19 to 11.05.19.**

- Lectures of Anaesthesia will start from **13.05.19 to 01.06.19**
- Lectures of Orthopedics will start from **08.07.19 to 03.08.19**
- Lectures of Radiology will start from **05.08.19 to 31.08.19**
- **Printed On 22.11.18**

Head of Community  
 Medicine Department

Head of Pathology  
 Department

Head of ENT  
 Department

**Prof. Muhammad Moin**  
 MRCOphth; FRCOphth(UK); FRCS(Edin); MCPS-HPE  
 Head of Ophthalmology Department  
 DIRECTOR  
 Medical Education Department  
 PGMI/AMC, LAHORE.

**Prof. Mohammad Tayyab**  
 Professor of Obstetrics and Gynecology  
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 PRINCIPAL  
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 Ameer-ud-Din Medical College, Lahore.



**WARD ROTATION PROGRAM/ FOURTH YEAR MBBS SESSION 2015-2020**  
**POSTGRADUATE MEDICAL INSTITUTE/AMEER-UD-DIN MEDICAL COLLEGE, LAHORE.**



Valid from 26.11.2018 to 31.08.19

Date & Half		A (1-10)	B (11-20)	C (21-30)	D (31-40)	E (41-50)	F (51-60)	G (61-70)	H (71-80)	I (81-90)	J (91-101)
Student Coordinator		R. No.07	R. No.11	R. No.28	R. No.39	R. No.48	R. No.57	R. No.67	R. No.71	R. No.85	R. No.93
26.11.18 to 22.12.18 4 Weeks	1 <sup>st</sup> Half 26 Nov-8 Dec	S2=1-4 S3=5-7 S1=8-10	Ortho=11-15 Rad=16-20	Anae=21-25 Pschy=26-30	G2=31-34 G3=35-37 G1=38-40	Neuro*=41-45 Uro=46-50	Pulmo=51-55 Paeds=56-60	ENT2=60-65 ENT1=66-70	Eye2=71-74 Eye3=75-77 Eye1=78-80	Eye2=81-83 Eye3=84-86 Eye1=87-90	M1=91-93 M2=94-97 M3=98-101
	2 <sup>nd</sup> Half 10-22 Dec		Ortho=16-20 Rad=11-15	Anae=26-30 Pschy=21-25		Neuro*=46-55 Uro=41-45	Pulmo=56-60 Paeds=51-55				
01.01.19 to 19.01.19 3 Weeks	1 <sup>st</sup> Half 01-9 Jan	M2=1-4 M3=5-7 M1=8-10	S2=11-14 S3=15-17 S1=18-20	Ortho=21-25 Rad=26-30	Anae=31-35 Pschy=36-40	G2=41-44 G3=45-47 G1=48-50	Neuro*=51-55 Uro=56-60	Pulmo=61-65 Paeds=66-70	ENT2=71-75 ENT1=76-80		Eye2=91-93 Eye3=94-97 Eye1=98-101
	2 <sup>nd</sup> Half 10-19 Jan			Ortho=26-30 Rad=21-25	Anae=36-40 Pschy=31-35		Neuro*=56-60 Uro=51-55	Pulmo=66-70 Paeds=61-65			
21.01.19 to 09.02.19 3 Weeks	1 <sup>st</sup> Half 21-30 Jan	Eye2=1-4 Eye3=5-7 Eye1=8-10	M2=11-14 M3=15-17 M1=18-20	S2=21-24 S3=25-27 S1=28-30	Ortho=31-35 Rad=36-40	Anae=41-45 Pschy=46-50	G2=51-53 G3=54-56 G1=57-60	Neuro*=61-65 Uro=66-70	Pulmo=71-75 Paeds=76-80	ENT2=81-85 ENT1=86-90	
	2 <sup>nd</sup> Half 31 Jan-9 Feb				Ortho=36-40 Rad=31-35	Anae=46-50 Pschy=41-45		Neuro*=66-70 Uro=61-65	Pulmo=76-80 Paeds=71-75		
11.2.19 to 09.03.19 3 Weeks	1 <sup>st</sup> Half 11-20 Feb		Eye2=11-14 Eye3=15-17 Eye1=18-20	M2=21-24 M3=25-27 M1=28-30	S2=31-34 S3=35-37 S1=38-40	Ortho=41-45 Rad=46-50	Anae=51-55 Pschy=56-60	G2=61-64 G3=65-67 G1=68-70	Neuro*=71-75 Uro=76-80	Pulmo=81-85 Paeds=86-90	ENT2=91-95 ENT1=96-101
	2 <sup>nd</sup> Half 21 Feb-9 Mar					Ortho=46-50 Rad=41-45	Anae=56-60 Pschy=51-55		Neuro*=76-80 Uro=71-75	Pulmo=86-90 Paeds=81-85	
11.03.19 to 30.03.19 3 Weeks	1 <sup>st</sup> Half 11-20 Mar	ENT2=1-5 ENT1=6-10		Eye2=21-24 Eye3=25-27 Eye1=28-30	M2=31-34 M3=35-37 M1=38-40	S2=41-44 S3=45-47 S1=48-50	Ortho=51-55 Rad=56-60	Anae=61-65 Pschy=66-70	G2=71-74 G3=75-77 G1=78-80	Neuro*=81-85 Uro=86-90	Pulmo=91-95 Paeds=96-101
	2 <sup>nd</sup> Half 21-30 Mar						Ortho=56-60 Rad=51-55	Anae=66-70 Pschy=61-65		Neuro*=86-90 Uro=81-85	Pulmo=96-101 Paeds=91-95
09.04.19 to 27.04.19 3 Weeks	1 <sup>st</sup> Half 09-17 Apr	Pulmo=1-5, Paeds=6-10	ENT2=11-15 ENT1=16-20		Eye2=31-34 Eye3=35-37 Eye1=38-40	M2=41-44 M3=45-47 M1=48-50	S2=51-53 S3=54-56 S1=57-60	Ortho=61-65 Rad=66-70	Anae=71-75 Pschy=76-80	G2=81-83 G3=84-86 G1=87-90	Neuro*=91-95 Uro=96-101
	2 <sup>nd</sup> Half 18-27 Apr	Pulmo=6-10 Paeds=1-5		ENT2=21-25 ENT1=26-30				Ortho=66-70 Rad=61-65	Anae=76-80 Pschy=71-75		Neuro*=96-101 Uro=91-95
29.04.19 to 18.05.19 3 Weeks	1 <sup>st</sup> Half 29 Apr-8 May	Neuro*=1-5, Uro=6-10	Pulmo=11-15 Paeds=16-20		Eye2=41-44 Eye3=45-47 Eye1=48-50	M2=51-53 M3=54-56 M1=57-60	S2=61-64 S3=65-67 S1=68-70	Ortho=71-75 Rad=76-80	Anae=81-85 Pschy=86-90	G2=91-93 G3=94-97 G1=98-101	Neuro*=91-95 Uro=96-101
	2 <sup>nd</sup> Half 9-18 May	Neuro*=6-10 Uro=1-5	Pulmo=16-20 Paeds=11-15					Ortho=76-80 Rad=71-75	Anae=86-90 Pschy=81-85		Neuro*=96-101 Uro=91-95
20.05.19 to 13.07.19 3 Weeks	1 <sup>st</sup> Half 20-29 May	G2=1-4 G3=5-7 G1=8-10	Neuro*=11-15 Uro=16-20	Pulmo=21-25 Paeds=26-30	ENT2=31-35 ENT1=36-40			M2=61-64 M3=65-67 M1=68-70	S2=71-74 S3=75-77 S1=78-80	Ortho=81-85 Rad=86-90	Anae=91-95 Pschy=96-101
	2 <sup>nd</sup> Half 30 May-13 Jul		Neuro*=16-20 Uro=11-15	Pulmo=26-30 Paeds=21-25				Eye2=51-53 Eye3=54-56 Eye1=57-60		Ortho=86-90 Rad=81-85	Anae=96-101 Pschy=91-95
15.07.19 to 03.08.19 3 Weeks	1 <sup>st</sup> Half 15-24 July	Anae=1-5, Pschy=6-10	G2=11-14 G3=15-17 G1=18-20	Neuro*=21-25 Uro=26-30	Pulmo=31-35 Paeds=36-40	ENT2=41-45 ENT1=46-50			M2=71-74 M3=75-77 M1=78-80	S2=81-83 S3=84-86 S1=87-90	Ortho=91-95 Rad=96-101
	2 <sup>nd</sup> Half 25 Jul-3 Aug	Anae=6-10, Pschy=1-5		Neuro*=26-30 Uro=21-25	Pulmo=36-40 Paeds=31-35			Eye2=61-64 Eye3=65-67 Eye1=68-70			Ortho=96-101 Rad=91-95
05.08.19 to 31.08.19 3 Weeks	1 <sup>st</sup> Half 05-17 Aug	Ortho=1-5 Rad=6-10	Anae=11-15 Pschy=16-20	G2=21-24 G3=25-27 G1=28-30	Neuro*=31-35 Uro=36-40	Pulmo=41-45 Paeds=46-50	ENT2=51-55 ENT1=56-60		Eye2=71-74 Eye3=75-77 Eye1=78-80	M2=81-83 M3=84-86 M1=87-90	S2=91-93 S3=94-97 S1=98-101
	2 <sup>nd</sup> Half 19 Aug-31 Aug	Ortho=6-10 Rad=1-5	Anae=16-20 Pschy=11-15		Neuro*=36-40 Uro=31-35	Pulmo=46-50 Paeds=41-45		ENT2=60-65 ENT1=66-70			

- Winter Vacation Break 24<sup>th</sup> Dec to 31<sup>st</sup> Dec.
- Spring Vacation Break 1<sup>st</sup> April to 8<sup>th</sup> April.

- Sports + Extra Curricular Activities from last week of Feb.
- \*First Week Neurosurgery while Second Week Neurology

- Summer Vacation from 3<sup>rd</sup> June to 6<sup>th</sup> July 2019.
- Printed on 22.11.2018

Head of Community  
Medicine Department

Head of Pathology  
Department

Head of ENT  
Department

**Prof. Muhammad Moin**  
MRCOphth; FRCOphth(UK); FRCS(Edin); MCPS-HPE  
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PRINCIPAL  
Postgraduate Medical Institute



**TIME TABLE, FINAL YEAR MBBS SESSION 2014-2019**  
**POSTGRADUATE MEDICAL INSTITUTE/AMEER-UD-DIN MEDICAL COLLEGE,**  
**LAHORE.**



Valid from 12.12.18 to 14.09.19

DAY	08:00 – 08:50 AM	08:50 – 09:40 AM	09:40 – 10:30 AM	10:30 – 10:45 AM	10:45 – 12:30 PM	12:30 – 02:30 PM
Monday	General Surgery	Internal Medicine	Obstetrics & Gynaecology	<b>B R E A K</b>	Wards	Wards
Tuesday	Internal Medicine	Plastic Surgery* Dermatology/**	Psychiatry** Urology/** CPC last week of Month		Wards	Wards
Wednesday	Paediatric	Neurology* Neurosurgery**	Internal Medicine		Wards	Wards
Thursday	Obstetrics & Gynaecology	Internal Medicine	Paediatric		Wards	Wards
Friday	General Surgery	Orthopedic* Pulmonology*	09:30 – 12:00 PM Wards			
Saturday	General Surgery	Radiology* Anaesthesia**	Obstetrics & Gynaecology		Wards	Wards

- \* Lectures from 12.12.18 to 17.04.19.
- \*\* Lectures from 18.04.19 to 14.09.19.
- Winter Vacation Break 24<sup>th</sup> Dec to 31<sup>st</sup> Dec.
- Spring Vacation Break 1<sup>st</sup> April to 8<sup>th</sup> April.

- Sports + Extra Curricular Activities in last week of Feb.
- Summer Vacation Break 03.06.19 to 06.07.19.
- Printed On 06.12.2018.

Head of Paediatrics  
Department

Head of Medicine  
Department

Head of Surgery  
Department

**Prof. Muhammad Moin**  
MRCOphth; FRCOphth(UK); FRCS(Edin); MCPS-HPE  
Head of Ophthalmology Department  
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**WARD ROTATION PROGRAM, FINAL YEAR MBBS SESSION 2014-2019  
POSTGRADUATE MEDICAL INSTITUTE / AMEER-UD-DIN MEDICAL COLLEGE,  
LAHORE.**



Valid from 12.12.18 to 14.09.19

Rotation No.	Periods / Weeks	A=1-8	B=9-17	C=18-26	D=27-34	E (35-43)	F (44-51)	G (52-61)	H (62-69)	I (70-78)	J (79-86)	K (87-95)	L (96-103)
	Student Coordinator	R. No.	R. No.	R. No.	R. No.	R. No.	R. No.	R. No.	R. No.	R. No.	R. No.	R. No.	R. No.
1.	12.12.18 to 05.01.19	S1	S3	S2	P1	P2	P2	G1	G2	G3	M1	M3	M2
2.	07.01.19 to 23.01.19	S3	S2	S1	P2	P1	P1	G2	G3	G1	M3	M2	M1
3.	24.01.19 to 09.02.19	S2	S1	S3	Derma/ Pschy	Derma/ Pschy	Derma/ Pschy	G3	G1	G2	M2	M1	M3
4.	11.02.19 to 06.03.19	P1	P2	P2	S1	S3	S2	M1	M3	M2	G1	G2	G3
5.	07.03.19 to 23.03.19	P2	P1	P1	S3	S2	S1	M3	M2	M1	G2	G3	G1
6.	25.03.19 to 17.04.19	Derma/ Pschy	Derma/ Pschy	Derma/ Pschy	S2	S1	S3	M2	M1	M3	G3	G1	G2
7.	18.04.19 to 04.05.19	G1	G2	G3	M1	M3	M2	S1	S3	S2	P1	P2	P2
8.	06.05.19 to 22.05.19	G2	G3	G1	M3	M2	M1	S3	S2	S1	P2	P1	P1
9.	23.05.19 to 13.07.19	G3	G1	G2	M2	M1	M3	S2	S1	S3	Derma/ Pschy	Derma/ Pschy	Derma/ Pschy
10.	15.07.19 to 31.07.19	M1	M3	M2	G1	G2	G3	P1	P2	P2	S1	S3	S2
11.	01.08.19 to 24.08.19	M3	M2	M1	G2	G3	G1	P2	P1	P1	S3	S2	S1
12.	26.08.19 to 14.09.19	M2	M1	M3	G3	G1	G2	Derma/ Pschy	Derma/ Pschy	Derma/ Pschy	S2	S1	S3

- Winter Vacation Break 24<sup>th</sup> Dec to 31<sup>st</sup> Dec.
- Spring Vacation Break 1<sup>st</sup> April to 8<sup>th</sup> April.
- Sports + Extra Curricular Activities in last week of Feb.
- Summer Vacation Break 03.06.19 to 06.07.19.

- Each Half consists of 7 + 8 = 15 Days.
- Printed on 06.12.2018

Head of Paediatrics  
Department

Head of Medicine  
Department

Head of Surgery  
Department

**Prof. Muhammad Mehmood**  
MRCOphth; FRCOphth(UK); FRCS(Edin); MCPS-HPE  
Head of Ophthalmology Department  
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**Prof. Mohammad Tayyab**  
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# ASSESSMENT

## Formative Assessment

### Fourth year

Sr.#	Assessment	Tools	Frequency
1.	Class Tests	30 MCQs	2 Test after every 6 months (Total :6)

### **Formative Assessment Final Year (internal Assessment)**

Sr.#	Assessment	Tools	Frequency
2.	Class Tests	30 MCQs 3 SEQs	3 Test every 2 months by each unit (Total :9)
3.	Ward Tests	OSPE Long viva(case discussion)	After every ward rotation Total 3
4.	Send Ups (Written)	MCQs SEQs	After completion of final year session

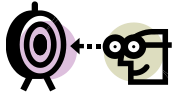
# Summative Assessment

## Summative Assessment: Final Year

Sr.#	Assessment	Tools
1.	Obstetrics Written Assessment	35 MCQs 7 SEQs
	Gynaecology Written Assessment	35 MCQs 10 SEQs
2.	Skill Assessment	15 stations of OSPE (8-Obs & 7 Gynae)
3.	Oral Assessment	2 long cases (1 Obs & 1 Gynae)

# ICONS

The following icons have been used to help you identify the various experiences you will be exposed to.



Learning objectives



Assessments



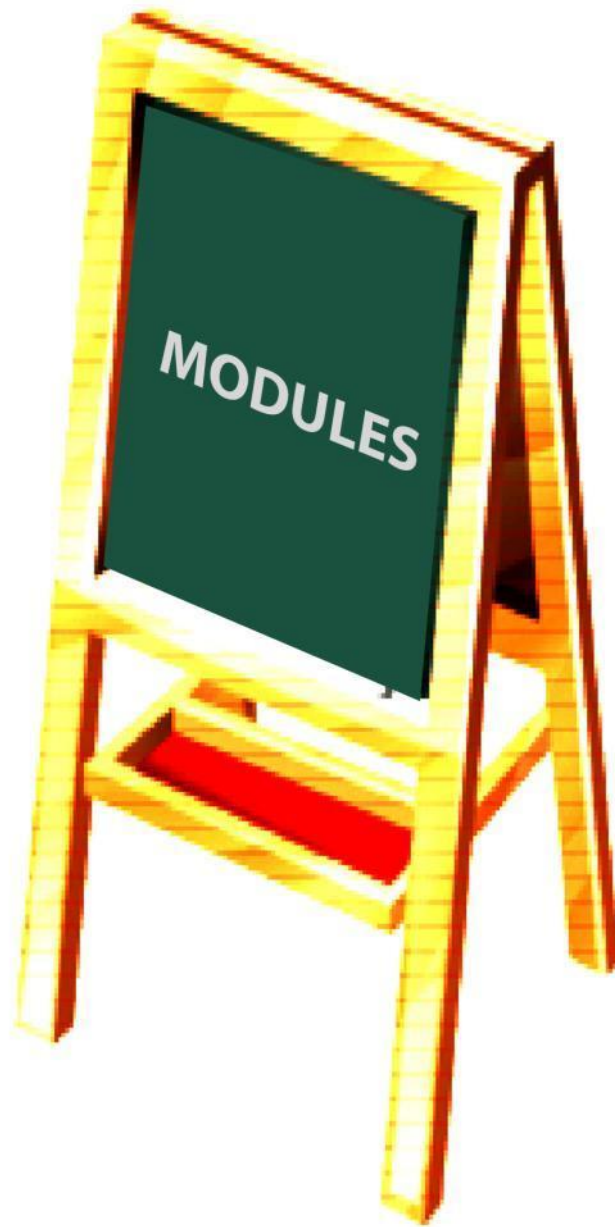
Learning Resources



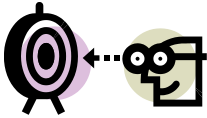


Independent learning from the Internet



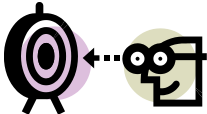


Specific Learning Objectives



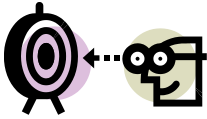


## MODULE 01

Title	Obstetrics & Gynaecology	Student Notes
Target Students	Final year	
<b>Course Title</b>	<b>Module 1: ORIENTATION MODULE IN OBSTETRICS</b>	
Duration	Lectures: 03	
Outcomes  	To acquire appropriate knowledge, skills and attitude in relation to topics mentioned below: <ul style="list-style-type: none"> <li>• Introduction and history taking</li> <li>• Examination and investigation</li> <li>• Anatomy of female pelvis, types of pelvis, fetal head diameters</li> <li>• Maternal Physiology</li> <li>• Fetal growth and development</li> </ul>	
Specific learning Objectives  	Collect reliable and accurate information, do examination and justify investigations to reach a differential diagnosis Identify female pelvis and fetal skull diameters Identify risks factors in pregnancy Develop effective communication skills	
Teaching & Learning Strategies (MIT)	Lectures, small group discussion, bedside teaching, CBL, Bed side Teaching	
Assessments  	MCQs, OSPE, Case presentation	

## MODULE 02

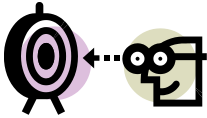


Title	Obstetrics & Gynaecology	Student Notes
Target Students	Final year	
<b>Course Title</b>	<b>Module 2: Early Pregnancy and antenatal care</b>	
Duration	Lectures: 03	
Outcomes  	To understand and demonstrate the required knowledge, skill and attitude in  Early Pregnancy Care Diagnosis of pregnancy Antenatal care Miscarriage Hyperemesis Common Minor problems of pregnancy Role of ultrasound in obstetrics	
Specific learning Objectives  	Understand application of basic concepts of conception, pregnancy physiology and ultrasound use in clinical scenario.  Plan antenatal care	
Teaching & Learning Strategies (MIT)	<ul style="list-style-type: none"> <li>• Lecture, small group discussion, CBL</li> <li>• Audio Visual support</li> <li>• Case Presentation</li> </ul>	
Assessments  	MCQs, SEQs, OSPE/TOACS	

## MODULE 03

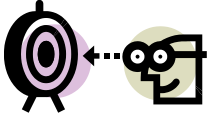


Title	Obstetrics & Gynaecology	Student Notes
Target Students	Final year	
<b>Course Title</b>	<b>Module 3: Labour</b>	
Duration	Lectures: 09	
Outcomes  	To understand and demonstrate appropriate skills and attitude in relation to the physiology, mechanism of labour. Pain management in labour maternal & fetal anatomy relevant to labour & delivery contributing factors for abnormal labour To identify malposition, malpresentation	
Specific learning Objectives  	Understand basic concepts of labour Demonstrate mechanism of labour Make and interpret partogram, CTG, BISHOP score Assist normal vaginal delivery & episiotomy Diagnose abnormal labour, risks, and demonstrate malpositions and malpresentations on dummy pelvis Communication and counselling skills	
Teaching & Learning Strategies (MIT)	Lecture Demonstration on dummy & pelvis Group discussion Labour ward duties One minute preceptor	
Assessments  	MCQs, SEQs, OSCE	



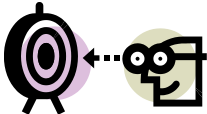


## MODULE 04

Title	Obstetrics & Gynaecology	Student Notes
Target Students	Final year	
<b>Course Title</b>	<b>Module 4: Advance Obstetrics Module</b>	
Duration	Lectures: 04	
Outcomes  	Describe preterm labour and its management  Understand basic concepts of PROM and amniotic fluid formation and its abnormalities and demonstrate appropriate skills and attitude in these conditions	
Specific learning Objectives  	Diagnose, outline management Assist in managements and justify investigations Observe and understand significance of multi disciplinary approach	
Teaching & Learning Strategies (MIT)	Lecture Small group discussion Case base learning Case presentation/ bed side teaching	
Assessments  	MCQs, SEQs, OSCE, case presentation	

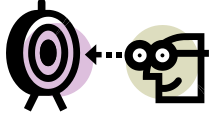


## MODULE 05

Title	Obstetrics & Gynaecology	Student Notes
Target Students	Final year	
<b>Course Title</b>	<b>Module 5: High Risk Module / Medical Disorders</b>	
Duration	Lectures: 08	
Outcomes  	To understand and demonstrate appropriate knowledge skills and attitudes in relation to history taking examination, investigations, procedural skills, and commendation in medical disorders of pregnancy and obstetric emergency , infections in pregnancy and important statistics	
Specific learning Objectives  	Medical disorders as Diabetes, pregnancy induced hypertension, epilepsy, haematological abnormalities, thyroid dysfunction, cardiac diseases in pregnancy Obstetrical Shock: Haemorrhage (APH, PPH), sepsis, VTE, amniotic fluid embolism, maternal collapse, uterine inversion and rupture, shoulder dystocia. TORCH infections, HIV & hepatitis Maternal and Perinatal mortality rates and significance	
Teaching & Learning Strategies (MIT)	<ul style="list-style-type: none"> <li>• Lecture with Audio Visual support</li> <li>• Case Presentation</li> <li>• Group discussion</li> <li>• Case base learning</li> <li>• One minute preceptor, Drills</li> <li>• Postnatal ward &amp; Nursery visit</li> </ul>	
Assessments  	MCQs, SEQs, OSCE, Case presentations	

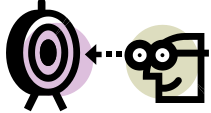


## MODULE 06

Title	Obstetrics & Gynaecology	Student Notes
Target Students	Final year	
<b>Course Title</b>	<b>Module 6: FETAL MEDICINE</b>	
Duration	Lectures: 05	
Outcomes  	To understand demonstrate appropriate knowledge, skill and attitude in relation to causes & management of minor & major obstetrical complications in pregnancy	
Specific learning Objectives  	Risks associated with the conditions and outline the management plan of growth restriction, fetal anomalies detection, multiple pregnancies, RH isoimmunisation and its implications  Effective communication and empathy	
Teaching & Learning Strategies (MIT)	<ul style="list-style-type: none"> <li>• Lecture</li> <li>• Audio Visual support</li> <li>• Group discussion</li> <li>• Simulators / Role Play</li> <li>• Case base learning</li> <li>• Bedside Teaching</li> </ul>	
Assessments  	MCQs, SEQs, OSCE, Case presentation	

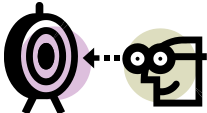


## MODULE 07

Title	Obstetrics & Gynaecology	Student Notes
Target Students	Final year	
<b>Course Title</b>	<b>Module 7: PUERPURIUM</b>	
Duration	Lectures: 03	
Outcomes 	To understand and demonstrate appropriate knowledge, skill and attitude about puerperium and its common disorders	
Specific learning Objectives 	Basic concepts of physiological changes in Puerperium, detect abnormalities, investigate and reach a differential diagnosis in pyrexia and mental illness in this period Skill of proper contraception selection and importance of breast feeding and its practices awareness Awareness about long term implications	
Teaching & Learning Strategies (MIT)	<ul style="list-style-type: none"> <li>• Lecture</li> <li>• Audio Visual support</li> <li>• Group discussion</li> <li>• Case Presentation</li> <li>• Postnatal ward round bedside teaching</li> </ul>	
Assessments 	MCQs,SEQs,OSCE	

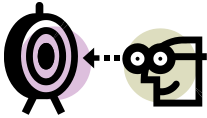


## MODULE 08

Title	Obstetrics & Gynaecology	Student Notes
Target Students	Final year	
<b>Course Title</b>	<b>Module 8 : NEONATE</b>	
Duration	Lectures: 02	
Outcomes 	To understand and demonstrate and appropriate knowledge skill and attitude in relation to neonatal care and problems	
Specific learning Objectives 	Significance of breast feeding, Kangaroo mother Care, Early Essential Newborn Care. Neonatal immediate examination and Care, APGAR Score	
Teaching & Learning Strategies (MIT)	<ul style="list-style-type: none"> <li>• Lecture</li> <li>• Audio Visual support</li> <li>• Group discussion</li> <li>• Case Presentation</li> <li>• Postnatal ward &amp; KMC ward round</li> </ul>	
Assessments 	MCQs, OSPE	

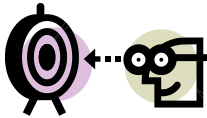


## MODULE 09

Title	Obstetrics & Gynaecology	Student Notes
Target Students	Final year	
<b>Course Title</b>	<b>Module 9 : Orientation Module Gynaecology</b>	
Duration	Lectures: 04	
Outcomes  	To understand and demonstrate the knowledge, skills and attitude in relation to Introduction and history taking, Examination and investigation Physiology of menstrual cycle Miscarriages Ectopic pregnancy Gestational trophoblastic disease Abnormal development of female genital tract	
Specific learning Objectives  	Understands normal and abnormal menstrual cycle, diagnosis of early pregnancy complications and their implications Collect comprehensive information by proper history, examination and investigations Embryology of female genital tract , and congenital abnormalities of tract	
Teaching & Learning Strategies (MIT)	<ul style="list-style-type: none"> <li>• Lecture</li> <li>• Audio Visual support</li> <li>• Case Presentation</li> <li>• Small group discussion</li> <li>• Bedside teaching</li> <li>• One minute preceptor</li> </ul>	
Assessments  	MCQs, SEQs, OSCE	

## MODULE 10

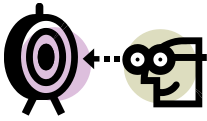


Title	Obstetrics & Gynaecology	Student Notes
Target Students	Final year	
<b>Course Title</b>	<b>Module 10 : Reproductive Endocrinology</b>	
Duration	Lectures: 08	
Outcomes  	To understand and demonstrate the appropriate knowledge, skills and attitude in relation to Amenorrhea, Adolescent gynecology PCO, Menstrual disorders( AUB, PCB, PMB, BEO) Infertility Endometriosis, Role of ultrasound	
Specific learning Objectives  	Clinical diagnosis and management outlines of amenorrhoea, PCOS & Abnormal uterine bleeding Management plans for sub fertile couples and understanding its social and emotional implications Observation of surgical procedures related to these Learning skills as pap smear, D&C	
Teaching & Learning Strategies (MIT)	<ul style="list-style-type: none"> <li>• Lecture with Audio Visual support</li> <li>• Case Presentation</li> <li>Case base leaning</li> <li>Skill demonstrations</li> </ul>	
Assessments  	MCQS, SEQs, OSCE, Case presentations	

## MODULE 11

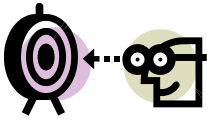


Title	Obstetrics & Gynaecology	Student Notes
Target Students	Final year	
<b>Course Title</b>	<b>Module 11 : Contraception and Menopause</b>	
Duration	Lectures: 03	
Outcomes 	To understand and demonstrate the knowledge, skills and attitude in relation to Contraceptive methods and Menopause & HRT	
Specific learning Objectives 	Understand mechanism of action, contraindications, non contraceptive benefits Post abortion care Menopause physiology and effects on life Skills of IUCD placement, observe other methods Attend family clinic, counselling for contraception Ethical, legal issues	
Teaching & Learning Strategies (MIT)	<ul style="list-style-type: none"> <li>• Lecture with Audio Visual support</li> <li>• Bed side teaching</li> <li>• Group discussion</li> <li>• Case base learning</li> <li>• Skill demonstration</li> <li>• One minute preceptor</li> </ul>	
Assessments 	MCQs, SEQs, OSCE, Case presentation	



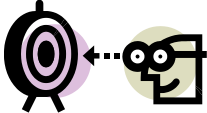


## MODULE 12

Title	Obstetrics & Gynaecology	Student Notes
Target Students	Final year	
<b>Course Title</b>	<b>Module 12 : Urogynaecology and Sexual Health</b>	
Duration	Lectures: 04	
Outcomes  	To understand and demonstrate the appropriate knowledge, skills and attitude in relation to Pelvic floor problems, Uterovaginal prolapse, Sexually transmitted diseases and Pelvic inflammatory disease	
Specific learning Objectives  	Anatomy of pelvic supports, history & examination of prolapse Screening programs for STIs Management plans of sexually transmitted diseases, PID, observe swab collection	
Teaching & Learning Strategies (MIT)	<ul style="list-style-type: none"> <li>• Lecture</li> <li>• Small group discussion</li> <li>• Case Presentation</li> </ul>	
Assessments  	MCQs, SEQs, OSCE, Case presentation	

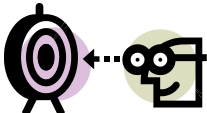


## MODULE 13

Title	Obstetrics & Gynaecology	Student Notes
Target Students	Final year	
<b>Course Title</b>	<b>Module 13 : Benign Gynaecological Conditions</b>	
Duration	Lectures: 05	
Outcomes  	To understand and demonstrate the knowledge, skills and attitude in relation to Benign Gynaecological conditions of vulva, vagina, cervix, uterus and ovaries	
Specific learning Objectives  	Make differential diagnosis with logical history, examination and relevant investigations with focus on fibroid uterus, adenomyosis, endometriosis, benign ovarian cysts and bartholin cyst. Understand effect on sexual function Sexual dysfunction	
Teaching & Learning Strategies (MIT)	<ul style="list-style-type: none"> <li>• Lecture</li> <li>• Small Group discussion</li> <li>• Case Presentation</li> </ul>	
Assessments  	MCQs, SEQs, OSCE, long Case	

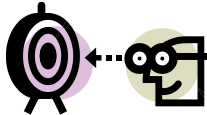


## MODULE 14

Title	Obstetrics & Gynaecology	Student Notes
Target Students	Final year	
<b>Course Title</b>	<b>Module 14 : Pre-Malignant &amp; Malignant Conditions</b>	
Duration	Lectures: 06	
Outcomes 	To understand and demonstrate the appropriate knowledge, skills and attitude in relation to Pre-Malignant & Malignant Conditions of the female genital tract Understand the pathogenesis of lower genital tract malignancy Understand the importance of cervical screening program	
Specific learning Objectives 	Classification of Tumors Sign and symptoms & outline management Make Differential Diagnosis Observe and do Pap Smear, endometrial sampling Observe colposcopy, laparoscopy, hysteroscopy Observe staging laparotomy & Hysterectomy	
Teaching & Learning Strategies (MIT)	<ul style="list-style-type: none"> <li>• Lecture</li> <li>• Audio Visual support</li> <li>• Small group discussion</li> <li>• Case Presentation</li> <li>• Operation theater rotation</li> <li>• One minute preceptor</li> </ul>	
Assessments 	MCQs, OSCE, Long case	

## MODULE 15

Title	Obstetrics & Gynaecology	Student Notes
Target Students	Final year	
<b>Course Title</b>	<b>Module 15 : Gynaecological Surgeries</b>	
Duration	Lectures: 02	
Outcomes 	Understand regional anatomy, basic surgical principles, universal precautions for infection prevention Outline pre operative and post operative care of the patients	
Specific learning Objectives 	Understand the principle of basic surgical skill Understand and observe steps of episiotomy, caesarean section, hysterectomy, endoscopies, endometrial sampling techniques Providing pre, intra & post operative care. Infection prevention practices( do scrubbing, gowning and gloving) importance of hand washing	
Teaching & Learning Strategies (MIT)	<ul style="list-style-type: none"> <li>• Lecture for knowledge component</li> <li>• Small group discussion</li> <li>• Operation theater rotation</li> <li>• Skill demonstration</li> </ul>	
Assessments 	MCQs, OSCE	

## MODULE 16

Title	Obstetrics & Gynaecology	Student Notes
Target Students	Final year	
<b>Course Title</b>	<b>Module 16 : Ethics &amp; Gender Base Violence, Patient Safety</b>	
Duration	Lectures: 03	
Outcomes 	Understand and demonstrate the appropriate knowledge, skills and attitude relevant to Medical ethics Gender based violence Patient safety & Quality of care	
Specific learning Objectives 	Demonstrate awareness about individual patient needs, gender base violence, patient safety and quality of care Decision making and empathy Understands principles and legal issues around informed consent, data protection, respect for patient's beliefs	
Teaching & Learning Strategies (MIT)	<ul style="list-style-type: none"> <li>• Small group discussion</li> <li>• Case base learning</li> <li>• Ward rotation /role play</li> <li>• One minute preceptor</li> </ul>	
Assessments 	MCQs, OSCE	

# SKILLS

In every module skills required are mentioned. To highlight the requirement a separate list of skills which you are expected to learn is given below. Procedural Skills will be assessed on maniquins.

During your clinical attachment, you are required to spend one hour daily in the skill lab, where the required skills will be demonstrated to you and you will be given time to practice the skills. Please be careful with the models and respect the norms of the skill lab.

Sr.	Skills Topic
01.	<b>History taking &amp; examination</b>
02.	Mechanism of labour & Vaginal delivery
03	Active management of third stage of labour and retained placenta
04	Repair of episiotomy
05	Early essential newborn care & breast feeding
06	Ventouse delivery
07	Forceps delivery
08	Uterine evacuation - Dilatation & curettage, Manual vacuum aspiration
09	PPH - Management of uterine atony
10	Breech
11	Contraception – LAARCS – IUD, PPIUD, Implant
12	Shoulder dystocia
13	Pap smear
14	Foleys catheterization
15	IV cannula

## SEXUAL & REPRODUCTIVE RIGHTS IN CONTEXT OF HUMAN RIGHTS

Integrating human rights in womens health care can make a difference in improving the womens health.

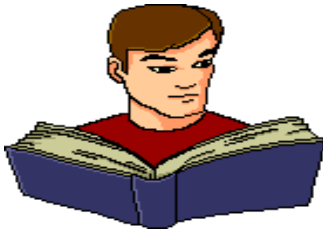
Sr.	Fundamental Human Rights
01.	Life
02.	Health
03	Privacy
04	Autonomy in decision making
05	Confidentiality
06	Non discrimination
07	Information
08	Family size and spacing
09	Benefit from science
10	Freedom from inhumane treatment

## ATTITUDES

Attitude is a collection of behaviors. "Attitude is a learned predisposition to respond in a favorable or unfavorable manner towards people, an object, an idea or a situation" - - Martin Fishbein. Attitudes are based on predispositions and emotions and result in specific human behaviors. They are very difficult to learn. However observation and mentoring for attitudes or giving them weightage as in exams can influence learning of attitudes.

Sr.	
01.	Appearance of a doctor – professional dress up
02.	How to address a patient – polite, "Mrs", "Miss"
03	Body language – Behave with dignity
04	Respectful to patient
05	Empathetic & humane
06	Listen & examine (thorough)
07	Informed consent
08	Privacy - Covering the patient
09	Counseling & communication
10	Hard working
11	Documentation





## LEARNING RESOURCES

### RECOMMENDED BOOKS:

1. **Obstetrics by Ten Teachers** by Stuart Campbell and Christoph Lees. 20<sup>th</sup> Edition
2. **Gynaecology by Ten Teachers** by---- 20<sup>th</sup> edition
3. **Dewhursts textbook of Obstetrics and Gynaecology** Edited by D. Keith Edmonds 8<sup>th</sup> Edition
4. **Text book of Obstetrics and Gynecology** by Rashid Lateef



### Independent learning from the Internet



1. **Online Journals and Reading Materials** through HEC Digital Library Facility.
2. [www.rcog](http://www.rcog.org) guidelines
3. [www.nice](http://www.nice.org.uk) guidelines
4. Greentop guidelines