

DEPARTMENT OF OBSTETRICS AND GYNECOLOGY
TEACHING PROGRAM FOR THE FINAL MBBS (PART II) CLINICAL POSTING

GENERAL PRINCIPLES

GOAL:

The broad goal of teaching of the undergraduate student in Obstetrics & Gynecology is to empower the student with the necessary knowledge in anatomy, physiology and pathophysiology of the reproductive system and to acquire the necessary skill to manage normal pregnancy and delivery and related problems and to diagnose and treat the common gynecological diseases.

OBJECTIVES:

The following theoretical skills have to be acquired by the student at the end of the course.

1. Outline the anatomy, physiology and pathophysiology of reproductive system and the common conditions affecting it, including the preventive aspects.
2. To diagnose and manage normal pregnancy, labour, puerperium and the problems related to these conditions.
3. To list the common causes leading to maternal and perinatal mortality and morbidity and to be aware of the remedial measures for the same.
4. Identify the use and side effects of drugs during pregnancy and to be aware of indiscriminate use of antibiotics and other drugs during obstetric & gynaecological practice.
5. To be aware of the common indications, technique and complications of usually performed operations like caesarean section, hysterectomy etc.
6. Aware of the principles of contraception and the various techniques employed in family welfare practice including medical termination of pregnancy, male and female sterilization.
7. To be familiar with the various National Programmes in relation to maternal and child health, Apart from the above theoretical knowledge, the following practical skills have to be acquired at the end of the course of studies:

- Examine a pregnant woman and diagnose abnormalities like preeclampsia, anaemia, GDM, abnormal presentations and to make appropriate referrals if necessary.
- Conduct a normal labour and to provide postnatal care.
- Resuscitation of newborn babies.
- Perform a pelvic examination and to diagnose common gynaecological diseases.
- Examine a vaginal smear for trichomonas and fungus, and to take a pap smear.
- To offer appropriate contraceptive advice to a couple, and to assist in insertion of
- IUCD.
- Interpret common investigation results (biochemical, histopathological, ultrasound etc)

INTEGRATION:

At the end of the training period the student must be able to integrate activities with other departments like community medicine and paediatrics, in programmes like newborn care, immunization, nutrition, and other maternal & child health activities

General Guidelines for training:

1. Training in the department of Obstetrics & Gynaecology with facilities prescribed by MCI, for a period of 5 months with due exposure to antenatal, intranatal and postnatal care and family planning and general gynaecological care
2. Of this period of clinical instruction, not less than one month be spent as resident pupil in the department.
3. During this period, the student shall conduct at least 10 normal deliveries under supervision, and assist in 10 cases including abnormal deliveries and obstetric emergencies.
These cases include postnatal follow up also.
4. The student shall maintain a record of the work done in the department, get it certified from the department and submit for the Final University examination

Syllabus Details

Duration of course Postings in 5 Semesters (III, V, VI, VIII, IX)

192 Days

Total number of hours:

Theory 300

Lectures 100

Innovative sessions: 200

LIST OF 'MUST KNOW' CONDITIONS

A. OBSTETRIC SKILLS

Clinical skill

- Assessment of fundal height
- Measurement of symphysis fundal height
- Measurement of girth
- Application of Leopold maneuver
- Application of Crichton maneuver
- Auscultation of fetal heart by Pinard stethoscope
- Auscultation of fetal heart by Doppler
- Diagnosis of abnormal conditions by inspection, palpation, percussion and auscultation
- Diagnosis of PROM by per speculum examination
- Conduct normal deliveries 10
- Assist high risk deliveries 10
- Watch cesarean delivery
- Watch other obstetric procedures

Special skills

- NST recording
- CST recording
- Partogram plotting

Ultrasound

- Diagnosis of pregnancy
- Diagnosis of number of gestations
- Diagnosis of chorionicity
- Reliable gestational age assessment
- Nuchal translucency determination
- Ruling out congenital anomalies
- Study of placenta
- Position
- Retroplacental clot
- Maturity assessment
- Biophysical profile
- Doppler study of important vessels

B. GYNECOLOGICAL SKILLS

- Examination of abdomen
- Examination of external genitalia
- Per speculum examination
- Pap preparation (conventional)
- Wet prep examination

Ultrasound

- Proliferative endometrium
- Secretory endometrium
- PCO, necklace pattern
- Fibroid uterus diagnosis
- Ovarian mass diagnosis
- Copper T location

X-Ray

- Watch HSG Procedure
- Dermoid cyst assessment

Other skills

- Colposcopic study of vulva, vagina and cervix
- Watch minor surgeries
- Endometrial sampling
- FC
- Cervical biopsy
- Copper T insertion
- Polypectomy
- Marsupialization
- TOT

SUGERY WATCHING

- Watch major surgeries
- Abdominal hysterectomy
- Vaginal hysterectomy
- Ward Mayo surgery
- Staging laparotomy
- Cystectomy
- Laparoscopic procedures
- Ectopic pregnancy
- LAVH
- Sling procedures

CLINICAL TEACHING PROGRAMME UNITWISE

The in-patient programme comprises of morning bedside clinics.

Students ARE posted for obstetric case at 4:00pm, the previous day of presentation

The cases are worked out and ready for presentation at 10.30 am on the next morning.

Gynecological cases are given on the day of presentation before 0930 AM

Here also presentation start at 1030 AM as short case

The respective faculty member guides the teaching programme

The assigned Junior Resident posts the short and long cases and decides the candidates for presentation

Students are graded on their performance.

Cases presented are recorded in the log book and marks awarded by the respective faculty member

LABOUR ROOM TRAINING

Objectives

Identification of risk factors by clinical evaluation

Identification of risk factors by investigations

Diagnose lie, presentation, presenting part, position of fetus

Understand the mechanism of normal delivery

Understand the mechanism of twin deliveries

Understand the mechanism of breech delivery

Training in conduct of normal delivery

Assistance in conduct of high risk deliveries

Training in episiotomy suture

Learn more on induction of labour

Training in the preventive aspects of PPH

Training on the preventive measures of other obstetric emergencies

Training in obstetric crisis management

Seminars and group discussions on contemporary obstetrics

PART II SCHEDULE PROPER

DATE	TOPIC	AREA	TEACHER
Saturday, April 01, 2017	Pelvic Examination Obstetrics	OP	Haridas
	Pelvic Examination Obstetrics	Ward	Shyjus
	Minor Surgery-TOT	OT	Steffi
	Major surgery-uterine artery ligation	OT	Rajeena
Monday, April 03, 2017	Case Taking Gynecology Part I	OP	Steffi
	Case Taking Gynecology Part I	Ward	Haridas
	Minor Surgery-NSV	OT	Surendran
	Major surgery-B-Lynch suturing	OT	Philomina
Tuesday, April 04, 2017	Case Taking Gynecology Part II	OP	Asokan
	Case Taking Gynecology Part II	Ward	Rajamma
	Minor surgery-Fenton surgery	OT	Amar
	Major surgery-myomectomy	OT	Haridas
Wednesday, April 05, 2017	General Examination Gynecology	OP	Amar
	General Examination Gynecology	Ward	Asokan
	Minor Surgery-cervical cerclage	OT	Rajamma
	Major Surgery-TAH	OT	Steffi
Friday, April 07, 2017	Systemic Examinations for gynecology case	OP	Rajamma
	Systemic Examinations for gynecology case	Ward	Amar
	Minor Surgery-Bartholin Cyst Marsupialization	OT	Asokan
	Major Surgery-TAH BSO	OT	Shyjus
Saturday, April 08, 2017	Obstetric Examination	OP	Shyjus
	Obstetric Examination	Ward	Steffi
	Minor Surgery-Bartholin Abscess drainage	OT	Pandu
	Major Surgery--Staging laparotomy	OT	Gopeenathan
Monday, April 10, 2017	Pelvic Examination Obstetrics	OP	Haridas
	Pelvic Examination Obstetrics	Ward	Shyjus
	Minor Surgery-FC	OT	Steffi
	Major Surgery-vaginal hysterectomy	OT	Rajeena
Tuesday, April 11, 2017	OP Procedures-PAP Smear	OP	Steffi
	Bony pelvis	Ward	Haridas
	Minor Surgery-FC and biopsy cervix	OT	Surendran
	Major surgery-female sterilisation	OT	Philomina
Wednesday, April 12, 2017	OP Procedures-Swab taking	OP	Asokan
	Foetal skull	Ward	Rajamma
	Minor Surgery-cervical biopsy	OT	Amar
	Major surgery-cesarean	OT	Haridas
Saturday, April 15, 2017	OP Procedures-Swab taking	OP	Amar

	Foetus in utero	Ward	Asokan
	Minor Surgery-evacuation of incomplete abortion	OT	Rajamma
	Major surgery-interanal iliac artery ligation	OT	Steffi
Monday, April 17, 2017	OP Procedures-Colposcopic Examination	OP	Rajamma
	Antenatal care	Ward	Amar
	Minor Surgery-evacuation of vesicular mole	OT	Asokan
	Major surgery-uterine artery ligation	OT	Shyjus
Tuesday, April 18, 2017	OP Procedures-abscess drainage	OP	Shyjus
	Antenatal care Part II	Ward	Steffi
	Minor Surgery-TOT	OT	Pandu
	Major surgery-B-Lynch suturing	OT	Gopeenathan
Wednesday, April 19, 2017	OP Procedures-Cu T insertion	OP	Haridas
	Preconceptional counselling	Ward	Shyjus
	Minor Surgery-NSV	OT	Steffi
	Major Surgery-TAH	OT	Rajeena
Thursday, April 20, 2017	OP Procedures-CuT Removal	OP	Steffi
	Dating of pregnancy	Ward	Haridas
	Minor surgery-Fenton surgery	OT	Surendran
	Major surgery-myomectomy	OT	Philomina
Friday, April 21, 2017	OP Procedures-Endometrial Sampling	OP	Asokan
	Diagnosis of pregnancy	Ward	Rajamma
	Minor Surgery-cervical cerclage	OT	Amar
	Major Surgery-TAH BSO	OT	Haridas
Saturday, April 22, 2017	OP Procedures-Polypectomy	OP	Amar
	HIV in pregnancy	Ward	Asokan
	Minor Surgery-Bartholin Cyst Marsupialization	OT	Rajamma
	Major Surgery--Staging laparotomy	OT	Steffi
Monday, April 24, 2017	OP Procedure-culdocentesis	OP	Rajamma
	Infections in pregnancy Part I	Ward	Amar
	Minor Surgery-Bartholin Abscess drainage	OT	Asokan
	Major Surgery-vaginal hysterectomy	OT	Shyjus
Tuesday, April 25, 2017	OP Procedures-Biopsy of abnormal sites	OP	Shyjus
	Physiology of labour	Ward	Steffi
	Minor Surgery-FC	OT	Pandu
	Major Surgery-Ward Mayo surgery	OT	Gopeenathan
Wednesday, April 26, 2017	Special Clinics-infertility clinic	OP	Haridas
	Labour mechanism	Ward	Shyjus
	Minor Surgery-FC and biopsy cervix	OT	Steffi
	Major Surgery-Laparoscopic sterilization	OT	Rajeena

Thursday, April 27, 2017	Special Clinics-high risk antenatal clinic	OP, Ward	Steffi
	Infections in pregnancy	OP, Ward	Haridas
	Minor Surgery-cervical biopsy	OT	Surendran
	Major Surgery-laparoscopic evaluation, endometriosis	OT	Philomina
Friday, April 28, 2017	Special Clinics-postnatal clinic	OP	Asokan
	Labour onset	Ward	Rajamma
	Minor Surgery-evacuation of incomplete abortion	OT	Amar
	Major Surgery-laparoscopic cystectomy	OT	Haridas
Saturday, April 29, 2017	Obstetric Examination	OP	Amar
	Chronic pelvic pain	Ward	Asokan
	Minor Surgery-FC	OT	Rajamma
	Major Surgery-Ward Mayo surgery	OT	Steffi

LABOUR ROOM TRAINING		
DAY	TOPIC	UNIT
FRIDAY	Labour management	UNIT 1
SATURDAY	Complications, second and third stage	UNIT 2
SUNDAY	Cesarean delivery	UNIT 3
MONDAY	Drugs in pregnancy, obstetric analgesia	UNIT 3
TUESDAY	IUD, IUGR	UNIT 1
WEDNESDAY	Oligohydramnios, polyhydramnios, cord prolapse	UNIT 2
THURSDAY	Prolonged pregnancy	UNIT 3
FRIDAY	Puerperium normal and abnormal	UNIT 1
SATURDAY	Anaemia in pregnancy	UNIT 2
SUNDAY	APH	UNIT 1
MONDAY	Malpresentations	UNIT 3
TUESDAY	Care of newborn	UNIT 1
WEDNESDAY	CPD assessment, dysfunctional labour	UNIT 2
THURSDAY	Diabetes in pregnancy	UNIT 3
FRIDAY	HD complicating pregnancy	UNIT 1
SATURDAY	HDOP	UNIT 2
SUNDAY	Multiple gestations	UNIT 2
MONDAY	PROM	UNIT 3
TUESDAY	PTL	UNIT 1
WEDNESDAY	Rh alloimmunisation	UNIT 2
THURSDAY	Shoulder dystocia	UNIT 3
FRIDAY	TOLAC	UNIT 1
SATURDAY	Grand multipara	UNIT 2
SUNDAY	Injury to genital tract	UNIT 3
MONDAY	Bony pelvis Fetal skull, fetus in utero	UNIT 3
TUESDAY	Diagnosis and dating of pregnancy	UNIT 1
WEDNESDAY	Fetal surveillance	UNIT 2
THURSDAY	Labour mechanism, onset and stages	UNIT 3

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PRINCIPAL



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