

OBSTETRICS AND GYNAECOLOGY

1) OBSTETRICS :

- 1.1 Applied anatomy of female genital tract –1 Hr.
- 1.2 Physiology of menstruation - 1hour
- 1.3 Conception / implantation –1 Hr.
- 1.4 Early development of human embryo –1 hour
- 1.5 Fetal physiology ,circulation–1 Hr.
- 1.6 Amniotic fluid –Formation & Function –1 Hrs.
- 1.7 Structure, and anomalies of Placenta –1 Hr.
- 1.8 Physiological changes during pregnancy -1hour
- 1.9 Diagnosis of pregnancy –1 Hrs.
- 1.10 Antenatal care-1 hour
- 1.11 Nutrition in pregnancy, detection of high-risk pregnancy –1 Hrs.
- 1.12 Normal Labour –Physiology, clinical course and management-1hour
- 1.13 Partogram –1hour
- 1.14 Mechanism of labour—1 hour
- 1.15 Analgesia (Pain relief)in labour –1 Hrs.
- 1.16 Normal puerperium -1 hour
- 1.17 Breast –Feeding –1 hour.
- 1.18 Abnormal puerperium -1 hour
- 1.19 Complication in early pregnancy**
 - 1.19.1 Hyperemesis gravidarum –1 Hr.
 - 1.19.2 Abortion –2 Hrs.
 - 1.19.3 Ectopic pregnancy –2 Hrs.
 - 1.19.4 Gestational trophoblastic disease - 2 Hrs.

1.20 Obstetrical complications during pregnancy

- 1.20.1 APH –Accidental hemorrhage –1 Hr.
- 1.20.2 Placenta praevia –1 Hr.

1.20.3 Poly hydramnios / Oligohydramnios - 1 Hr.

1.20.4 Multifoetal pregnancy –2 Hrs.

1.21 Medical disorders in pregnancy

1.21.1 Anaemia –1 Hr.

1.21.2 Heart diseases –1 Hr.

1.21.3 Hypertensive disorder –PIH and Eclampsia - 2 Hrs.

1.21.4 Diabetes –1 Hr.

1.21.5 Jaundice –1 Hr.

1.21.6 Pulmonary diseases in pregnancy –1 Hr.

1.21.7 Thyroid disorders in pregnancy

1.21.8 Urinary tract diseases in pregnancy -1 Hr

1.22 Infections in pregnancy

1.22.1 Sexually transmitted infections in pregnancy-1 hour

1.22.2 HIV in pregnancy- 1 Hr.

1.22.3 Toxoplasmosis in pregnancy–1 Hrs.

1.22.4 Rubella in pregnancy-1 hour

1.22.5 Other TORCH infections-1 hour

1.22.6 APLA Syndrome 1 hour

1.23 Gynaecological and surgical conditions in pregnancy.

Fibroid with pregnancy, ovarian tumours, acute abdomen, genital prolapse –2 Hrs.

1.24 High risk pregnancy

1.24.1 Pre-term labour –1 Hr.

1.24.2 Post term pregnancy –1 Hr.

1.24.3 IUGR –2 Hrs.

1.24.4 IUFD –1 Hr.

1.24.5 Pregnancy with Rh incompatibility –2 Hrs.

1.24.6 Post cesarean pregnancy –1 Hr.

1.25 Induction of labour –2 Hrs.

1.26 Abnormal position & presentation

- 1.26.1 Occipitio posterior –1 Hr.
- 1.26.2 Breech –1 hr.
- 1.26.3 Transverse lie –1 Hr.
- 1.26.4 Face & Brow –1 Hr.
- 1.26.5 Compound –1 Hr.
- 1.26.6 Cord Presentation and Prolapse –1 Hr.

1.27 Abnormal labour

- 1.27.1 Abnormal uterine contraction –1 Hr.
- 1.27.2 CPD –1 Hr
- 1.27.3 Contracted Pelvis 1hr
- 1.27.4 Obstructed labour –1 Hr.
- 1.27.5 Uterine rupture –1 Hr.

1.28 Third Stage complications

- 1.28.1 Retained placenta - 1 Hr.
- 1.28.2 PPH & Shock –2 Hrs.
- 1.28.3 Uterine inversion –1 Hr.
- 1.28.4 AFE –1 Hr.

1.29

1.30 Puerperal Sepsis and other complications –2 Hrs.

- 1.31 Evaluation of foetal Health during pregnancy and labour – 2 Hrs.
- 1.32 Drugs used in obstetric practice –1 Hr.

1.33 Operative procedures in Obstetrics

- 1.33.1 Caesarean Section –1 Hr.
- 1.33.2 Perineal tears & cervical tear –1Hr
- 1.33.3 Forceps –1 Hr.
- 1.33.4 Vacuum –1 Hr.
- 1.33.5 Destructive Operations in Obstetrics - 1 Hr.
- 1.33.6 Manipulation in Obstetrics –1 Hr.

1.34 Maternal mortality and morbidity –1 Hr.

- 1.34.1 Perinatal mortality & morbidity –1 Hr.
- 1.35 National health programme –Safe motherhood, reproductive and child health –1 Hr.

- 1.36 Social Obstetrics –1 Hr.
- 1.37 Obstetric Ultrasound–1 Hr.
- 1.38 PNDT Act-1hr

2) NEWBORN

- 2.1 Examination & care of newborn and low birth weight babies.- 1Hr.
- 2.2 Asphyxia and neonatal resuscitation –1 Hr.
- 2.3 Diagnosis of early neonatal problems –1 Hr.
- 2.4 Birth injuries, Jaundice, infection –1 Hr.
- 2.5 Anencephaly & Hydrocephalus-Congenital Anomalies of fetus 1Hr.

3) GYNAECOLOGY

- 3.1 Development of genital tract 1 hr
- 3.2 Congenital anomalies and clinical significance -1hr
- 3.3 Chromosomal abnormalities and inter sex –1 Hr.
- 3.4 Physiology of Menstruation –1 Hr.
- 3.5 Menstrual abnormalities –Amenorrhoea
- 3.6 Dysmenorrhoea -1 hr
- 3.7 Abnormal uterine Bleeding –2 Hrs.
- 3.8 Puberty and its disorder –1 Hr.
- 3.9 Adolescent Gynaecological problems –1 hr.
- 3.10 Infertility –female –2 hr.
- 3.11 Infertility –male -1 hr
- 3.12 Infection of genital tract and STD-1 hr
- 3.13 Leucorrhoea –1 Hr.
- 3.14 Pruritus vulvae –1 Hr.
- 3.15 Vaginitis, Cervicitis –1 Hr.
- 3.16 PID - 1 Hr.
- 3.17 Genital TB –1 Hr.
- 3.18 HIV infection –1 Hr.
- 3.19 Fibroid Uterus -1 hr
- 3.20 Malignant Lesions of Vulva &Vagina -1 hr

- 3.21 Malignant Lesions Cx - 2 hrs
- 3.22 Malignant Lesions Uterus - 2 Hr.
- 3.23 Malignant Lesions Uterus Ovary- 2 hrs
- 3.24 Adenomyosis & endometriosis –1 Hr.
- 3.25 Genital prolapse –2 Hr.
- 3.26 Genital tract displacement, Urinary disorders in Gynaecology 2 Hr.
- 3.27 Perineal tears & Genital Fistulae, RVF & VVF –2 Hrs.
- 3.28 Radiotherapy & Chemotherapy in Gynaecology –1 Hr.
- 3.29 Drugs & Hormones in Gynaecology –2 Hrs.
- 3.30 Ultrasonography, Radiology & Endoscopy in Gynaecological diagnosis - 2 Hrs.
- 3.31 Operative Gynaec Procedures –2 Hrs.
- 3.32 Pre & Post-operative care in Gynaecology –2 Hrs.
- 3.33 Menopause & HRT –2 Hrs.

4) FAMILY PLANNING

- 4.1 Demography & Population Dynamics –1 Hr.
- 4.2 Contraception –Temporary methods –1 Hr.
- 4.3 Oral Pills
- 4.4 IUCD
- 4.5 Permanent methods –2 Hrs.
- 4.6 Newer contraceptives –1 Hr.
- 4.7 MTP Act and *PNDT Act* procedures of MTP in first and secondtrimester. 3 Hrs.

TUTORIALS:

Pap Smear & Cervical Biopsy - 1 hr IUCD
 1 hrTubal Ligation 1 hr OC Pills 1 hr
 Pelvis 1 hr Foetal Skull 1 hr CPD 1 hr
 Normal Labour 1hr Episiotomy
 1 hr*Mechanism* of Normal
 Labour 1 hr OP presentation 1 hr
 Breech presentation 1 hr
 Drugs in Pregnancy and Lactation 1 hr MTP Medical and 1
 trimester 1 hrMTP 2 trimester 1 hr
 Tubal Ligation 1 hr X –Ray 1 hr Specimens 1 hr Instruments

hrsUltrasonography 1hr Non stress test hr

**MAPPING OF PROGRAMME OUTCOMES [POs] AND
COURSEOUTCOMES [COs] OF MBBS
PROGRAMMES**

Course Code	Course Title
01010402	General Medicine & Allied
01010401	General Surgery & Allied
01010403	Obstetrics & Gynaecology
01010404	Paediatrics

General Surgery and allied: (01010403)		
CO No.	At the end of the course, the learner should be able to:	Mapped Programme Outcomes
CO 1	Describe aetiology, pathophysiology, principles of diagnosis and management of common surgical problems including emergencies in adults and children.	PO1,PO2, PO4,PO5, PO7,PO9
CO 2	Define indications and methods for fluid and electrolyte replacement therapy including blood transfusion;	PO1,PO2, PO4,PO5, PO7, PO9
CO 3	Define asepsis, disinfection and sterilization and recommend judicious use of antibiotics;	PO1,PO2,PO3,PO4,PO5, PO6,PO7,PO9
CO 4	Diagnose common surgical conditions both acute and chronic, in adult and children	PO1,PO2, PO3,PO5, PO7, PO9
CO 5	Plan various laboratory tests for surgical conditions and interpret the results;	PO1,PO2, PO3,PO4, PO5,PO6,PO9
CO 6	Identify and manage patients of hemorrhagic, septicemic and other types of shock	PO1,PO2,PO4,PO5,PO9
CO 7	Be able to maintain patient air-way and resuscitate any critically ill patient	PO1,PO2, PO3,PO5, PO6,PO7,PO9
CO 8	Monitor patients of head, chest, spinal and abdominal injuries, both in adults and children;	PO1,PO2, PO3,PO5,PO6,PO7,PO9
CO 9	Acquire principles of operative surgery, including pre-operative, operative and postoperative care and monitoring.	PO1,PO2, PO3,PO5,PO6,PO9

CO 1	Treat open wounds including preventive measures against tetanus and gas gangrene;	PO1,PO2, PO5,PO6, PO7,PO8,PO9
CO 11	Diagnose neonatal and pediatric surgical emergencies and provide sound primary care before referring the patient to secondary / tertiary centres;	PO1,PO2,PO3, PO5,PO6, PO7,PO9
CO 12	Recognize the importance of clinical Orthopaedics & diagnose and manage majority of the conditions in clinical Orthopaedics on the basis of clinical assessment & investigations	PO1,PO2,PO3, PO4,PO5, PO6,PO7,PO8, PO9

General Surgery and allied: (01010403)		
CO No.	At the end of the course, the learner should be able to:	Mapped Programme Outcomes
CO 13	Carry out Bag Mask Ventilation and Basic Life Support (COLS)	PO1,PO2,PO3, PO5,PO6, PO7,PO9
CO 14	At the end of the course student should know basic principles of various imaging modalities to diagnose various diseases and basic principles of recent advances	PO1,PO2,PO3, PO4,PO5, PO7,PO8,PO9