

MIDWIFERY/OBSTETRIC AND GYNECOLOGY NURSING - II
including Safe Delivery App Module

PLACEMENT: VII SEMESTER

THEORY: 3 Credits (60 hours)

PRACTICUM: Skill Lab: 1 Credit (40 Hours) Clinical: 4 Credits (320 Hours)

DESCRIPTION: This course is designed for students to develop knowledge and competencies on the concepts and principles of obstetric and gynecology nursing. It helps them to acquire knowledge and skills in rendering respectful maternity care to high risk woman during antenatal, natal and postnatal periods in hospitals and community settings and help to develop skills in initial management and referral of high risk neonates. It would also help students to gain knowledge, attitude and skills in caring for women with gynecological disorders.

COMPETENCIES: On completion of the course, the students will be able to:

1. Describe the assessment, initial management, referral and respectful maternity care of women with high risk pregnancy.
2. Demonstrate competency in identifying deviation from normal pregnancy.
3. Describe the assessment, initial management, referral and nursing care of women with high risk labour.
4. Assist in the conduction of abnormal vaginal deliveries and caesarean section.
5. Describe the assessment, initial management, referral and nursing care of women with abnormal postnatal conditions.
6. Demonstrate competency in the initial management of complications during the postnatal period.
7. Demonstrate competency in providing care for high risk newborn.
8. Apply nursing process in caring for high risk women and their families.
9. Describe the assessment and management of women with gynecological disorders.
10. Demonstrate skills in performing and assisting in specific gynecological procedures.
11. Describe the drugs used in obstetrics and gynecology.
12. Counsel and care for couples with infertility.
13. Describe artificial reproductive technology.

COURSE OUTLINE

T – Theory, SL/L – Skill Lab, C – Clinical

Unit	Time (Hrs.)	Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
I	12 (T) 10 (L) 80 (C)	Describe the assessment, initial management, and referral of women with problems during pregnancy Support women with complicated pregnancy and facilitate safe and positive birthing outcome	<p>Recognition and Management of problems during Pregnancy</p> <ul style="list-style-type: none"> • Assessment of high-risk pregnancy <p>Problems/Complications of Pregnancy</p> <ul style="list-style-type: none"> • Hyper-emesis gravidarum, • Bleeding in early pregnancy – abortion, ectopic pregnancy, vesicular mole • Unintended or mistimed pregnancy • Post abortion care & counseling • Bleeding in late pregnancy placenta previa, abruption placenta, trauma • Medical conditions complicating pregnancy – Anemia, PIH/Pre-eclampsia, Eclampsia, GDM, cardiac disease, pulmonary disease, thyrotoxicosis, STDs, HIV, Rh incompatibility • Infections in pregnancy – urinary tract infection, bacterial, viral, protozoal, fungal, malaria in pregnancy • Surgical conditions complicating pregnancy – appendicitis, acute abdomen • COVID-19 & pregnancy and children • Hydramnios • Multiple pregnancy • Abnormalities of placenta and cord • Intra uterine growth restriction • Intra uterine fetal death • Gynaecological conditions complicating pregnancy • Mental health issues during pregnancy • Adolescent pregnancy • Elderly primi, grand multiparity • Management and care of conditions as per the GoI protocol • Policy for the referral services 	<ul style="list-style-type: none"> • Lecture • Discussion • Demonstration • Video & films • Scan reports • Case discussion • Case presentation • Drug presentation • Health talk • Simulation • Role play • Supervised Clinical practice • WHO midwifery toolkit • GoI guideline – screening for hypothyroidism, screening for syphilis, deworming during pregnancy, diagnosis and management of GDM 	<ul style="list-style-type: none"> • Essay • Short answer • Objective type • Assessment of skills with check list • OSCE

Unit	Time (Hrs.)	Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
			<ul style="list-style-type: none"> • Drugs used in management of high-risk pregnancies • Maintenance of records and reports 		
II	20 (T) 15 (L) 80 (C)	Identify, provide initial management and refer women with problems during labour within the scope of midwifery practice.	<p>Recognition and management of abnormal labour</p> <ul style="list-style-type: none"> • Preterm labour – Prevention and management of preterm labour; (Use of antenatal corticosteroids in preterm labour) • Premature rupture of membranes • Malposition's and abnormal presentations (posterior position, breech, brow, face, shoulder) • Contracted Pelvis, Cephalo Pelvic Disproportion (CPD) • Disorders of uterine action – Prolonged labour, Precipitate labour, Dysfunctional labour • Complications of third stage – Retained placenta, Injuries to birth canal, Postpartum hemorrhage (bimanual compression of the uterus, aortic compression, uterine balloon tamponade) • Obstetric emergencies – Foetal distress, Ruptured uterus, Cord prolapse, Shoulder dystocia, Uterine inversion, Vasa previa, Obstetrical shock, Amniotic fluid embolism • Episiotomy and suturing • Obstetric procedures – Forceps delivery, Vacuum delivery, Version • Induction of labour – Medical & surgical • Caesarean section – indications and preparation • Nursing management of women undergoing • Obstetric operations and procedures • Drugs used in management of abnormal labour • Anesthesia and analgesia in obstetrics 	<ul style="list-style-type: none"> • Lecture • Discussion • Demonstration • Case discussion/ presentation • Simulation • Role play • Drug presentation • Supervised clinical practice • WHO midwifery toolkit • GoI guidelines – use of uterotonics during labour, antenatal corticosteroids • GoI guidance note on prevention and management of PPH 	<ul style="list-style-type: none"> • Essay • Short answer • Objective type • Assessment of skills with check list • OSCE
III	9 (T) 5 (L) 40 (C)	Describe the assessment, initial management, referral and nursing care of women with abnormal postnatal conditions.	<p>Recognition and Management of postnatal problems</p> <ul style="list-style-type: none"> • Physical examination, identification of deviation from normal • Puerperal complications and its management <ul style="list-style-type: none"> ○ Puerperal pyrexia ○ Puerperal sepsis 	<ul style="list-style-type: none"> • Lecture • Demonstration • Case discussion/ presentation • Drug presentation • Supervised clinical practice 	<ul style="list-style-type: none"> • Quiz • Simulation • Short answer • OSCE

Unit	Time (Hrs.)	Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
			<ul style="list-style-type: none"> ○ Urinary complications ○ Secondary Postpartum hemorrhage ○ Vulval hematoma ○ Breast engorgement including mastitis/breast abscess, feeding problem ○ Thrombophlebitis ○ DVT ○ Uterine sub involution ○ Vesico vaginal fistula (VVF), Recto vaginal fistula (RVF) ○ Postpartum depression/psychosis ● Drugs used in abnormal puerperium ● Policy about referral 		
IV	7 (T) 5 (L) 40 (C)	Describe high risk neonates and their nursing management	<p>Assessment and management of High-risk newborn (Review)</p> <ul style="list-style-type: none"> ● Models of newborn care in India – NBCC; SNCUs ● Screening of high-risk newborn ● Protocols, levels of neonatal care, infection control ● Prematurity, Post-maturity ● Low birth weight ● Kangaroo Mother Care ● Birth asphyxia/Hypoxic encephalopathy ● Neonatal sepsis ● Hypothermia ● Respiratory distress ● Jaundice ● Neonatal infections ● High fever ● Convulsions ● Neonatal tetanus ● Congenital anomalies ● Baby of HIV positive mothers ● Baby of Rh negative mothers ● Birth injuries ● SIDS (Sudden Infant Death Syndrome) prevention, Compassionate care ● Calculation of fluid requirements, EBM/formula feeds/tube feeding ● Home based newborn care program - 	<ul style="list-style-type: none"> ● Lecture ● Discussion ● Demonstration ● Simulation ● Case discussion/ presentation ● Drug presentation ● Supervised Clinical practice ● Integrated Management of Neonatal Childhood Illnesses (IMNCI) 	<ul style="list-style-type: none"> ● Short answer ● Objective type ● Assessment of skills with check list ● OSCE

Unit	Time (Hrs.)	Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
			<p>community facility integration in newborn care</p> <ul style="list-style-type: none"> • Decision making about management and referral • Bereavement counseling • Drugs used for high risk newborns • Maintenance of records and reports 		
V	12 (T) 5 (L) 80 (C)	Describe the assessment and management of women with gynecological disorders.	<p>Assessment and management of women with gynecological disorders</p> <ul style="list-style-type: none"> • Gynecological assessment – History and Physical assessment • Breast Self-Examination • Congenital abnormalities of female reproductive system • Etiology, pathophysiology, clinical manifestations, diagnosis, treatment modalities and management of women with <ul style="list-style-type: none"> ○ Menstrual abnormalities ○ Abnormal uterine bleed ○ Pelvic inflammatory disease ○ Infections of the reproductive tract ○ Uterine displacement ○ Endometriosis ○ Uterine and cervical fibroids and polyps ○ Tumors – uterine, cervical, ovarian, vaginal, vulval ○ Cysts – ovarian, vulval ○ Cystocele, urethrocele, rectocele ○ Genitor-urinary fistulas ○ Breast disorders – infections, deformities, cysts, tumors ○ HPV vaccination ○ Disorders of Puberty and menopause ○ Hormonal replacement therapy • Assessment and management of couples with infertility <ul style="list-style-type: none"> ○ Infertility – definition, causes ○ Counseling the infertile couple ○ Investigations – male and female ○ Artificial reproductive technology ○ Surrogacy, sperm and ovum donation, cryopreservation 	<ul style="list-style-type: none"> • Lecture • Discussion • Demonstration • Case discussion/ presentation • Drug presentation • Videos, films • Simulated practice • Supervised Clinical practice • Visit to infertility clinic and ART centers 	<ul style="list-style-type: none"> • Essay • Short answer • Objective type • Assessment of skills with check list • OSCE

Unit	Time (Hrs.)	Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
			<ul style="list-style-type: none"> • Adoption – counseling, procedures • Injuries and Trauma; Sexual violence • Drugs used in treatment of gynaecological disorders 		

Note: Complete safe delivery app during VII Semester.

PRACTICUM

SKILL LAB & CLINICAL ARE GIVEN UNDER OBG NURSING – I