

# MIDWIFERY AND GYNECOLOGICAL NURSING

Placement- THIRD YEAR

Time- 140 hours

Midwifery- 120 hours

Gynecological Nursing- 20 hours

## MIDWIFERY

### Course Description:-

This course is designed to help students acquire knowledge and gain skills to meet the needs of women during pregnancy, labor and puerperium and care for the newborn.

### General Objective:-

Upon completion of this course, the students shall able to:

1. Describe the health needs of women in pregnancy, labour and puerperium.
2. Identify deviation(s) from normal pregnancy, labour and puerperium and take appropriate action.
3. Demonstrate skills in providing antepartum, intrapartum and postpartum care to the mother as well as care to the new born as per the SBA guidelines of Government of India.

**Total Hours:120**

Unit No.	Learning objectives	Contents	Hr	Teaching learning Activities	Assessment methods
I	Describe the scope and trends in midwifery	<b>Introduction:</b> a) Definition of midwifery and obstetrical nursing b) Scope of midwifery c) Basic competencies of a midwife d) History of midwifery e) Trends of maternity services in India f) Vital statistics related to maternal health in India.	4	Lecture cum discussions  Videos	Short answers  Objective type  Essay type
II	Describe the anatomy and physiology of female reproductive system	<b>Reproductive system</b> a) Review of structure and function of female reproductive system b) Female pelvis –structure, types and diameters	5	Lecture cum discussions  Demonstrations  Charts,  Specimen  Models & Objects	Short answers  Objective type  Essay type  Viva

Unit No.	Learning objectives	Contents	Hr	Teching learning Activities	Assessment methods
III	Describe the stages of Embryological and fetal development	<b>Embryology and foetal development</b> <ul style="list-style-type: none"> <li>a) Oogenesis, spermatogenesis, fertilization and implantation.</li> <li>b) Embryology and Fetal development</li> <li>c) Placenta and membranes: <ul style="list-style-type: none"> <li>- Structure</li> <li>- Functions</li> <li>- Abnormalities</li> <li>- Liquor amni</li> <li>- Umbilical cord</li> </ul> </li> <li>d) Fetal skull: <ul style="list-style-type: none"> <li>- Structure</li> <li>- Diameters</li> <li>- Fontanel and sutures</li> </ul> </li> <li>e) Fetal circulation</li> </ul>	8	Lecture cum discussions Charts Models & Objects Specimens	Short answers Objective type Essay type Oral presentation
IV	Describe the physiological changes in pregnancy and the management of normal pregnancy  Demonstrate skill is caring for pregnant women	<b>Normal pregnancy and its management</b> <ul style="list-style-type: none"> <li>a) Pre-conception care</li> <li>b) Genetic counseling</li> <li>c) Physiological changes in pregnancy</li> <li>d) Diagnosis of pregnancy <ul style="list-style-type: none"> <li>- History</li> <li>- Signs &amp; symptoms</li> </ul> </li> <li>e) Antenatal care: <ul style="list-style-type: none"> <li>- History taking</li> <li>- Calculation of expected date of delivery,</li> <li>- Examination and investigations</li> <li>- Health Education and counselling</li> <li>- Drugs and immunizations</li> </ul> </li> <li>f) Minor disorders and their management</li> </ul>	12	Lecture cum discussions Demonstration Clinical teaching Simulation Charts & Videos SBA module of government of India, handbook for staff nurses (Government of India)	Short answers Objective type Essay type Assessment of skill using checklist
V	Describe the various stages of labour and the role of the midwife in caring for a woman in labour  Demonstrate skill in conducting the normal delivery	<b>Normal labour and its management</b> <ul style="list-style-type: none"> <li>a) Definition and stages</li> <li>b) Causes and signs of onset of labour</li> <li>c) True and false labour</li> <li>d) First stage of labour: <ul style="list-style-type: none"> <li>- Physiology</li> <li>- Monitoring using partograph and its interpretation</li> <li>- Care of mother : physical and psychological</li> <li>- Pain management</li> <li>- Setting up of the labour room including newborn corner</li> </ul> </li> </ul>	18	Lecture cum discussions Demonstrations Case studies Simulation Videos Exercises SBA module of government of India, handbook for staff nurses (Government of India)	Short answers Objective type Essay type Assessment of skill using checklist

Unit No.	Learning objectives	Contents	Hr	Teching learning Activities	Assessment methods
		e) Second stage: - Physiology and mechanism - Monitoring - Conduction of normal delivery - Episiotomy - Essential newborn care f) Third stage: - Physiology and signs - Active management of third stage - Examination of the placenta - Episiotomy suturing g) Fourth stage: - Physiology - Care of the mother and baby - Postpartum family planing			
VI	Describe the management of normal newborn  Development of skill in caring for the normal newborn	<b>Management of newborn</b> a) Assessment b) Physiological adaptation c) Apgar scoring d) Examination for defects e) Breast feeding- BFHI f) Care of newborn -Skin, eyes, buttocksetc g) Bonding and rooming in h) Minor disorders of new born: - Birth marks, rashes, skin - Infections, sore buttocks, - Infection of eyes.	14	Lecture cum discussion  Demonstrations,  Clinical teaching  Chart  Videos  SBA module, ENBC, NSSK, PPIUCD module, handbook for staff nurses of government of India	Short answers  Objective type  Essay type  Assessment of skill using checklist
VII	Describe normal pureperium and the role of midwife in the caring for woman in puerperium	<b>Management of normal puerperium</b> a) Definition and objectives of care b) Physiological changes c) Postnatal counselling d) Lactation and feeding e) Care during puerperium – breast and perineal care, postnatal exercise, postnatal examination, follow up, family welfare f) Minor ailments and management. g) Family planning	10	Lecture cum discussion  Demonstration  Simulation  Role play  SBA module, PPIUCD module, handbook for staff nurses of government of India	Short answers  Objective type  Essay type  Assessment of skill using checklist

Unit No.	Learning objectives	Contents	Hr	Teaching learning Activities	Assessment methods
VIII	Describe the complications of pregnancy Demonstrate skills in providing care for women with complicated pregnancy	<p><b>Management of complications during pregnancy</b></p> <ul style="list-style-type: none"> <li>a) Bleeding in pregnancy <ul style="list-style-type: none"> <li>- Early and late</li> <li>- Ectopic pregnancy</li> <li>- Abortion</li> <li>- Antepartum hemorrhage</li> <li>- Vesicular mole</li> </ul> </li> <li>b) Hyperemesis gravidarum</li> <li>c) Gestational diabetes mellitus</li> <li>d) Pregnancy induced hypertension <ul style="list-style-type: none"> <li>- Pre eclampsia</li> <li>- Eclampsia</li> </ul> </li> <li>e) Hydromnios – poly and oligo</li> <li>f) Pelvic inflammatory diseases</li> <li>g) Intra uterine growth retardation</li> <li>h) Post maturity</li> <li>i) Intra uterine death</li> </ul> <p><b>High risk pregnancy:</b></p> <ul style="list-style-type: none"> <li>- Monitoring- NST, USG</li> <li>- Anemia</li> <li>- Jaundice</li> <li>- Viral</li> <li>- Urinary tract infections</li> <li>- Heart diseases</li> <li>- Diabetes</li> <li>- AIDS and STD's</li> <li>- Osteomalacia,</li> <li>- Teenage pregnancy</li> <li>- Elderly Primigravida</li> <li>- Multipara</li> <li>- Multiple pregnancy</li> </ul>	12	<ul style="list-style-type: none"> <li>Lecture cum discussions</li> <li>Case presentation</li> <li>Clinical teaching</li> <li>Videos</li> <li>Simulation</li> <li>Case studies and exercises SBA module</li> </ul>	<ul style="list-style-type: none"> <li>Short answers</li> <li>Essay type</li> <li>Objective type</li> <li>Assessment of skill using checklist</li> </ul>
IX	Describe the management high risk labour Demonstrate skills in early detection and prompt management of high risk labour	<p><b>Management of high risk labour</b></p> <ul style="list-style-type: none"> <li>a) Malposition, malpresentations</li> <li>b) Contracted pelvis</li> <li>c) Abnormal uterine actions</li> <li>d) Cervical Dystocia</li> <li>e) Premature rupture of membranes, precipitate and prolonged labour, induction of labour obtructed labour,</li> <li>f) Obstetrics Emergencies-Cord prolapse, cord presentation, amniotic fluid embolism, obstetric shock, rupture of uterus, shoulder dystocia, vasa previa.</li> </ul>	10	<ul style="list-style-type: none"> <li>Lecture cum discussion</li> <li>Demonstration</li> <li>Bed-side clinic</li> <li>Videos &amp; Charts</li> <li>Clinical teaching</li> <li>IMPAC module of WHO</li> <li>MCPC module of Government of India</li> </ul>	<ul style="list-style-type: none"> <li>Short answers</li> <li>Objective type</li> <li>Essay type</li> <li>Assessment of skill using checklist</li> </ul>

Unit No.	Learning objectives	Contents	Hr	Teaching learning Activities	Assessment methods
		g) Complications of third stage <ul style="list-style-type: none"> <li>- Postpartum Hemorrhage</li> <li>- Atonic uterus</li> <li>- Injuries to the birth canal</li> <li>- Retained placenta and membranes</li> <li>- Inversion of uterus</li> </ul>			
X	Describe the puerperal complications Demonstrate skill in the management of complications of puerperium	<b>Management of complications of puerperium</b> <ul style="list-style-type: none"> <li>- Puerperal pyrexia</li> <li>- Puerperal Sepsis</li> <li>- Thrombophlebitis and Embolism</li> <li>- Breast engorgement, Mastitis, Breast abscess</li> <li>- Puerperal psychosis</li> </ul>	4	Lecturer cum discussion Demonstration Clinical teaching MCPC module of Government of India	Short answers Objective type Essay type
XI	Describe the management of high risk and sick newborn Demonstrate skills in caring for high risk and sick newborns	<b>High risk and sick newborn</b> <ul style="list-style-type: none"> <li>a) Assessment</li> <li>b) Nursing care</li> <li>c) Management of newborn with: <ul style="list-style-type: none"> <li>- Hyperbilirubinaemia</li> <li>- Neonatal hypoglycemia</li> <li>- Hypothermia</li> <li>- Neonatal Convulsions</li> <li>- Rh incompatibility</li> <li>- Small for dates</li> <li>- Low birth weight</li> <li>- Preterm</li> <li>- Asphyxia, RDS</li> <li>- Sepsis</li> <li>- Birth injuries Cephal hematoma Caput succedaneum Facial &amp; Erb's palsy</li> <li>- Torticollis Hemorrhage</li> <li>- Congenital anomalies</li> </ul> </li> <li>d) Newborn of HIV positive mother, diabetic mother</li> <li>e) Levels of care in NICU</li> </ul>	10	Lecturer cum discussion Demonstration Clinical teaching IMNCI module SBA module NSSK module	Short answers Objective type Essay type Assessment of skill using checklist

Unit No.	Learning objectives	Contents	Hr	Teaching learning Activities	Assessment methods
XII	Describe the obstetric operations and midwife role in assisting with each one	<p><b>Obstetric operations</b></p> <p>a) Definition, indication and care of women undergoing</p> <ul style="list-style-type: none"> <li>- Induction of labour           <ul style="list-style-type: none"> <li>- Manual removal of placenta</li> <li>- Version</li> <li>- Forceps delivery</li> <li>- Vacuum extraction</li> <li>- Caesarean Section</li> <li>- Sterilization</li> <li>- Destructive surgeries</li> <li>- Amnio infusion</li> <li>- Manual Vacuum Aspiration, Dilatation and Evacuation, Dilatation and Curettage</li> </ul> </li> <p>b) Post abortion care.</p> </ul>	10	<p>Lecture cum discussion</p> <p>Clinical teaching</p> <p>Videos</p> <p>Post abortion care module of GoI</p>	<p>Short answers</p> <p>Objective type</p> <p>Essay type</p> <p>Assessment of skill using checklist</p>
XIII	Describe the midwife's role in the administration of drugs for women during pregnancy. labour and post partum period	<p><b>Drugs used in obstetrics</b></p> <p>a) Indication, dose, action, contraindication, side effects and responsibilities in the administration of :</p> <ul style="list-style-type: none"> <li>- Oxytocin</li> <li>- Uterotonics</li> <li>- Tocolytics</li> <li>- Antihypertensives</li> <li>- Anticonvulsants</li> <li>- Anesthesia and analgesia</li> </ul> <p>b) Drugs used for newborn</p> <p>c) Teratogens – effects of drugs on mother and baby.</p>	4	<p>Lecture cum discussion</p> <p>Drug presentation</p>	<p>Short answers</p> <p>Objective type</p> <p>Essay type</p>
XIV	Describe the ethical & legal issues related to midwifery	<p><b>Ethical and legal aspects related to midwifery</b></p> <p>a) Maternal and newborn death review</p> <p>b) Mother and child tracking system</p>	2	<p>Lecture cum discussion</p> <p>Presentation</p>	<p>Short answers</p> <p>Objective type</p>

## GYNECOLOGICAL NURSING

### Course objective

The students shall be able to identify different gynecological disorders and diseases and gain skills in providing nursing care to women suffering from them.

### General Objective:-

Upon completion of this course, the students shall able to:

1. List different gynecological problems and demonstrate skills in providing nursing care to women suffering from these disorders and diseases.

**Total Hours:20**

Unit No	Learning objectives	Content	Hours	Teaching learning activities	Method of assessment
I	Define the terms used in gynecology  Demonstrate the skills of gynecology history taking, conducting examination & investigation	<b>Introduction</b> a) Definition of terms b) History c) Examination d) Investigation	2	Lecture cum discussion  Demonstration  Videos	Short answers  Objective type  Essay type  Return demonstration
II	Describe the physiology, psychology and pathology of puberty	<b>Puberty</b> a) Definition b) Development of sex organs in females and sexuality c) Review of menstrual cycle d) Premenstrual syndrome e) Disorders of menstruation, dysmenorrhoea, cryptomenorrhoea, dysfunctional uterine bleeding	3	Lecture cum discussion  Clinical teaching  Videos  Charts	Short answers  Objective type  Essay type
III	Describe the management of couples with fertility related problems.	<b>Fertility and infertility</b> a) Definition b) Causes-both in male and female c) Investigation d) Management e) Artificial reproductive techniques	2	Lecture cum discussion  Clinical teaching,  Videos  Role play	Short answers  Objective type  Essay type

Unit No	Learning objectives	Content	Hours	Teaching learning activities	Method of assessment
IV	Demonstrate skills in the management of clients with various pelvic infections.	<p><b>Pelvic infections</b></p> <ul style="list-style-type: none"> <li>a) Vulva – vulvitis, bartholinitis</li> <li>b) Vagina - Vaginitis, Trichomonas vaginitis, Moniliasis,</li> <li>c) Metritis, Salpingitis, Oophritis</li> <li>d) Cervical erosions</li> <li>e) Pelvic Abscess</li> <li>f) Chronic infection</li> <li>g) Pelvic inflammatory disease</li> <li>h) Pelvic tuberculosis</li> <li>i) Sexually Transmitted Diseases <ul style="list-style-type: none"> <li>- Syphilis</li> <li>- Gonorrhea</li> <li>- Warts</li> <li>- HIV</li> </ul> </li> <li>j) Syndromic case management</li> </ul>	4	<p>Lecture cum discussion</p> <p>Clinical teaching</p> <p>Videos</p> <p>Prevention of STI module of NACO</p>	<p>Short answers</p> <p>Objective type</p> <p>Essay type</p>
V	Describe the care of women with gynaecological disorders	<p><b>Gynaecological disorders</b></p> <ul style="list-style-type: none"> <li>a) Retroversion, retro flexion</li> <li>b) Fistulas</li> <li>c) Uterine displacement &amp; prolapse (Procidentia)</li> <li>d) Uterine malformations</li> <li>e) Cysts and fibroids</li> <li>f) Uterine polyps</li> <li>g) Tumors of the reproductive tract – benign and malignant</li> <li>h) Palliative care and rehabilitation</li> </ul>	5	<p>Lecture cum discussion</p> <p>Case Presentation</p> <p>Demonstration</p>	<p>Short answers</p> <p>Objective type</p> <p>Essay type</p>
VI	Describe the care of the woman with breast disorders	<p><b>Breast disorders</b></p> <ul style="list-style-type: none"> <li>a) Review mastitis, breast engorgement, breast abscess</li> <li>b) Tumors of the breast benign and malignant</li> </ul>	2	<p>Lecture cum discussion</p> <p>Clinical teaching,</p> <p>Videos</p> <p>Role play</p>	<p>Short answers</p> <p>Objective type</p> <p>Essay type</p>
VII	Describe the care of women with menopause	<p><b>Menopause</b></p> <ul style="list-style-type: none"> <li>a) Definition and physiological changes</li> <li>b) Signs and symptoms</li> <li>c) Health education and counselling</li> <li>d) Hormone replacement therapy</li> <li>e) Surgical menopause</li> </ul>	2	<p>Lecture cum discussion</p> <p>Case histories.</p>	<p>Short answers</p> <p>Objective type</p> <p>Essay type</p>

# MIDWIFERY & GYNAECOLOGICAL NURSING- PRACTICAL

**Placement: THIRD YEAR (PART – I)**

**Time: 560 hours**  
**Internship: 384 hours**

<b>Area</b>	<b>Duration</b>	<b>Objectives</b>	<b>Skills</b>	<b>Assignment</b>	<b>Assessment methods</b>
Antenatal clinic / ward	3 weeks	<ul style="list-style-type: none"> <li>• Assessment of pregnant women</li> <li>• Counselling of AAntenatalmothers</li> </ul>	<ul style="list-style-type: none"> <li>- Diagnose pregnancy using pregnancy detection kit (preg-card)</li> <li>- Antenatal history taking</li> <li>- Physical examination</li> <li>- Antenatal examination – abdomen and breast</li> <li>- Recording weight and BP</li> <li>- Hemoglobin estimation</li> <li>- Urine testing for sugar and albumin</li> <li>- Immunization</li> <li>- Assessment of risk status</li> <li>- Antenatal counselling</li> <li>- Maintenance of antenatal records</li> <li>- SBA module</li> </ul>	<ul style="list-style-type: none"> <li>• Conduct antenatal examinations – 20</li> <li>• Health talk – 1</li> <li>• Case study – 1</li> </ul>	<p>Verification of the findings of antenatal examinations</p> <p>Assessment of skills using checklist</p>
Labour room	6 weeks	<ul style="list-style-type: none"> <li>• Assess the woman in labour</li> <li>• Carry out per vaginal (PV) examinations</li> <li>• Monitor women in labour</li> <li>• Conduct normal deliveries</li> <li>• Perform episiotomy and suture it</li> <li>• Resuscitate newborns</li> </ul>	<ul style="list-style-type: none"> <li>- Assessment of woman in labour</li> <li>- Vaginal examinations (PV) and their interpretation</li> <li>- Monitoring women in labour using the partograph</li> <li>- Caring for women in labour</li> <li>- Setting up of the labour unit including the newborn corner</li> <li>- Conduct normal delivery including active management of third stage of labour (AMTSL)</li> <li>- Provide essential newborn care</li> <li>- Immediate newborn assessment</li> <li>- Resuscitation of the newborn.</li> <li>- Assessment of the risk status of the newborn</li> <li>- Episiotomy and suturing</li> </ul>	<ul style="list-style-type: none"> <li>• Perform per vaginal examinations – 5</li> <li>• Conduct normal deliveries – 20</li> <li>• Perform and suture episiotomies – 5</li> <li>• Resuscitate newborns – 5</li> <li>• Witnessing abnormal deliveries - 5</li> <li>• Case book recording</li> </ul>	<p>Assessment of clinical performance with rating scale</p> <p>Assessment of each skill with checklist.</p> <p>Practical examination</p>

Area	Duration	Objectives	Skills	Assignment	Assessment methods
			<ul style="list-style-type: none"> <li>- Administration of uterotonic drugs – oxytocin, misoprostol</li> <li>- Administration of magnesium sulphate.</li> <li>- Maintenance of labour and birth records</li> <li>- SBA module</li> </ul>		
Operation theatre	2 week	<ul style="list-style-type: none"> <li>• Prepare and assist with caesarean section, MTP, tubectomy and other surgical procedures</li> </ul>	<ul style="list-style-type: none"> <li>- Preparation for caesarean section and other surgical procedures</li> <li>- Assist in caesarean section</li> <li>- Prepare and assist in MTP procedures</li> <li>- Prepare and assist for tubectomy</li> </ul>	<ul style="list-style-type: none"> <li>• Assist with caesarean section – 2</li> <li>• Case book recording</li> </ul>	Assessment of skill with checklist.
Postnatal ward	5 weeks	<ul style="list-style-type: none"> <li>• Provide nursing care to postnatal mother and the baby</li> <li>• Counsel and teach mother and family for parenthood</li> </ul>	<ul style="list-style-type: none"> <li>- Examination and assessment of mother and the baby</li> <li>- Identification of deviations</li> <li>- Care of postnatal mothers and baby</li> <li>- Perineal care</li> <li>- Breast care</li> <li>- Lactation management</li> <li>- Breast feeding</li> <li>- Kangaroo mother care (KMC)</li> <li>- Immunization</li> <li>- Teaching postnatal mother on mother craft, post natal care, exercise, immunization</li> </ul>	<ul style="list-style-type: none"> <li>• Provide postnatal care to mothers and babies – 20</li> <li>• Health talks – 1</li> <li>• Case study – 1</li> <li>• Case presentation - 1</li> </ul>	Assessment of clinical performance with rating scale Assessment of each skill with checklist. Practical examination
NICU	4 weeks	<ul style="list-style-type: none"> <li>• Provide nursing care to newborns at risk</li> </ul>	<ul style="list-style-type: none"> <li>- Newborn assessment</li> <li>- Admission of neonates</li> <li>- Feeding of high-risk newborn :- katori spoon, paladai, tube feeding, total parental nutrition</li> <li>- Thermal management of newborns – kangaroo mother care, care of baby in radiant warmer and incubator.</li> <li>- Monitoring and care of neonates</li> </ul>	<ul style="list-style-type: none"> <li>• Case study - 1</li> <li>• NSSK Module</li> </ul>	Assessment of clinical performance with rating scale Assessment of each skill with checklist. Practical examination

Area	Duration	Objectives	Skills	Assignment	Assessment methods
			<ul style="list-style-type: none"> <li>- Administration of medications</li> <li>- Intravenous therapy</li> <li>- Assisting in diagnostic procedures</li> <li>- Assist in exchange transfusion</li> <li>- Care of baby in ventilator, phototherapy,</li> <li>- Practice infection control protocols</li> <li>- Health education and counselling of parents</li> <li>- Maintenance of records and reports</li> </ul>		
Family welfare clinic	2 week	<ul style="list-style-type: none"> <li>• Counsel for and provide family welfare services.</li> </ul>	<ul style="list-style-type: none"> <li>- Family planning counselling techniques</li> <li>- Insertion of IUCD</li> <li>- Teaching by demonstration on the use of different family planning methods</li> <li>- Arrange for and assist with family planning operations</li> <li>- Maintenance of records and reports</li> </ul>	<ul style="list-style-type: none"> <li>• IUCD insertion – 5</li> <li>• Family planning counselling – 2</li> </ul>	<p>Assessment of clinical performance with rating scale</p> <p>Assessment of each skill with checklist.</p> <p>Practical examination</p>
Gynaecology ward	2 weeks	<ul style="list-style-type: none"> <li>• Provide care for patients with gynecological disorders.</li> <li>• Counsel and educate patient and families.</li> </ul>	<ul style="list-style-type: none"> <li>- Assist with gynecological examination.</li> <li>- Assist and perform diagnostic and therapeutic procedures.</li> <li>- Teach women on breast self examination (BSE)</li> <li>- Health education on perineal hygiene and prevention of sexually transmitted infections</li> <li>- Pre and post operative care of women undergoing gynecological surgeries</li> <li>- Menopause counseling</li> </ul>	<ul style="list-style-type: none"> <li>• Provide care to assigned patients.</li> <li>• Nursing care plan- 1.</li> <li>• Menopause counseling – 1</li> </ul>	<ul style="list-style-type: none"> <li>• Assess each skill with checklist.</li> <li>• Assess performance with rating scale.</li> <li>• Evaluation of care plan.</li> </ul>