

			<ul style="list-style-type: none"> <li>• Health teaching on postnatal and newborn care</li> <li>• Family welfare counseling</li> </ul>		
Labour room	2 weeks	<p>Monitor labour using partograph</p> <p>Provide care to women during labour</p> <p>Conduct normal delivery, provide care to mother and immediate care of newborn</p>	<ul style="list-style-type: none"> <li>• Assessment of woman in labour</li> <li>• Partograph</li> <li>• Per vaginal examination if indicated</li> <li>• Obstetric examination</li> <li>• Care during first stage of labour</li> <li>• Pain management techniques</li> <li>• Positions in labour</li> <li>• Preparation for labour – articles, physical, psychological</li> <li>• Conduction of normal delivery</li> <li>• Essential newborn care</li> <li>• Newborn resuscitation</li> <li>• Active management of third stage of labour</li> <li>• Monitoring and care during fourth stage of labour</li> </ul>	<ul style="list-style-type: none"> <li>• Partograph recording</li> <li>• PV examination</li> <li>• Assisting / Conduction of normal delivery</li> <li>• Case study</li> <li>• Case presentation</li> <li>• Episiotomy and suturing</li> <li>• Newborn resuscitation</li> </ul>	<ul style="list-style-type: none"> <li>• Assignment</li> <li>• case study</li> <li>• Case presentation</li> </ul>

## **COMMUNITY HEALTH NURSING – II**

**PLACEMENT:** VII SEMESTER

**THEORY:** 2 Credits (40 Hours)

**Clinical:** 1 Credit (80 Hours)

**DESCRIPTION:** This course is designed to help students gain broad perspective of specialized roles and responsibilities of community health nurses and to practice in various specialized health care settings. It helps students to develop knowledge and competencies required for assessment, diagnosis, treatment, and nursing management of individuals and families within the community in wellness and illness continuum.

### **COMPETENCIES**

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

1. Describe occupational health hazards, occupational diseases and the role of nurses in occupational health programmes
2. Identify health problems of older adults and provide primary care, counseling and supportive health services
3. Participate in screening for mental health problems in the community and providing appropriate referral services
4. Discuss the methods of data collection for HMIS, analysis and interpretation of data
5. Discuss about effective management of health information in community diagnosis and intervention
6. Describe the management system of delivery of community health services in rural and urban areas
7. Describe the leadership role in guiding, supervising, and monitoring the health services and the personnel at the PHCs, SCs and community level including financial management and maintenance of records & reports
8. Describe the roles and responsibilities of Mid-Level Health Care Providers (MHCPs) in Health Wellness Centers (HWCs)
9. Identify the roles and responsibilities of health team members and explain their job description
10. Demonstrate initiative in preparing themselves and the community for disaster preparedness and management
11. Demonstrate skills in proper bio-medical waste management as per protocols
12. Explain the roles and functions of various national and international health agencies

## COURSE OUTLINE

UNIT	TIME	LEARNING OUTCOMES	CONTENT	TEACHING / LEARNING ACTIVITIES	ASSESSMENT METHODS
I	4	Describe occupational health hazards, occupational diseases and the role of nurses in occupational health programmes	<b>Occupational Health</b> <ul style="list-style-type: none"> <li>• Occupational health hazards</li> <li>• Occupational diseases</li> <li>• ESI Act</li> <li>• National/ State Occupational Health Programmes</li> <li>• Role of a nurse in occupational health services- Screening, diagnosing, management and referral of clients with occupational health problems</li> </ul>	<ul style="list-style-type: none"> <li>• Lecture,</li> <li>• Discussion,</li> <li>• Demonstration,</li> <li>• Role play</li> <li>• Suggested field visits, Field practice</li> </ul>	<ul style="list-style-type: none"> <li>• Essay type</li> <li>• Short answers</li> <li>• Clinical performance evaluation</li> </ul>
II	5	Identify health problems of older adults and provide primary care, counseling and supportive health services	<b>Geriatric Health Care</b> <ul style="list-style-type: none"> <li>• Health problems of older adults</li> <li>• Management of common geriatric ailments: counseling, supportive treatment of older adults</li> <li>• Organization of geriatric health services</li> <li>• National programme for health care of elderly (NPHCE)</li> <li>• State level programmes/ Schemes for older adults</li> <li>• Role of a community health nurse in geriatric health services- Screening, diagnosing, management and referral of older adults with health problems</li> </ul>	<ul style="list-style-type: none"> <li>• Lecture</li> <li>• Discussion</li> <li>• Demonstration</li> </ul>	<ul style="list-style-type: none"> <li>• Visit report on elderly home</li> <li>• Essay type</li> <li>• Short answers</li> </ul>

III	4 hours	Describe screening for mental health problems in the community, take preventive measures and provide appropriate referral services	<b>Mental Health Disorders</b> <ul style="list-style-type: none"> <li>• Screening, management, prevention and referral for mental health disorders</li> <li>• <i>Review:</i> <ul style="list-style-type: none"> <li>○ Depression, anxiety, acute psychosis, Schizophrenia</li> <li>○ Dementia</li> <li>○ Suicide</li> <li>○ Alcohol and substance abuse</li> <li>○ Drug deaddiction programme</li> <li>○ National Mental Health Programme</li> <li>○ National Mental Health Policy</li> <li>○ National Mental Health Act</li> </ul> </li> <li>• Role of a community health nurse in screening, initiation of treatment and follow up of mentally ill clients</li> </ul>	<ul style="list-style-type: none"> <li>• Lecture</li> <li>• Discussion, Demonstration</li> <li>• Role play</li> <li>• Health counseling on promotion of mental health</li> <li>• Suggested field visits, Field practice</li> </ul>	<ul style="list-style-type: none"> <li>• Essay type</li> <li>• Short answers</li> <li>• Counseling report</li> </ul>
IV	4 hours	Discuss about effective management of health information in community diagnosis and intervention	<b>Health Management Information System (HMIS)</b> <ul style="list-style-type: none"> <li>• Introduction to health management system: data elements, recording and reporting formats, data quality issues</li> <li>• <i>Review:</i> <ul style="list-style-type: none"> <li>○ Basic Demography and vital statistics</li> <li>○ Sources of vital statistics</li> <li>○ Common sampling techniques, frequency distribution</li> <li>○ Collection, analysis, interpretation of data</li> </ul> </li> <li>• Analysis of data for community needs assessment and preparation of health action plan</li> </ul>	<ul style="list-style-type: none"> <li>• Lecture</li> <li>• Discussion</li> <li>• Demonstration, Role play</li> <li>• Suggested field visits, Field practice</li> <li>• Group project on community diagnosis-data management</li> </ul>	<ul style="list-style-type: none"> <li>• Group project report</li> <li>• Essay type</li> <li>• Short answers</li> </ul>
V	5 hours	Describe the system management of delivery of community health services in rural and	<b>Delivery of community health services:</b> <ul style="list-style-type: none"> <li>• Planning, budgeting and material management of CHC, PHC, SC/HWC</li> </ul>	<ul style="list-style-type: none"> <li>• Lecture</li> <li>• Discussion</li> <li>• Visits to various health care</li> </ul>	<ul style="list-style-type: none"> <li>• Essay type</li> <li>• Short answers</li> <li>• Filed visit reports</li> </ul>

		urban areas	<ul style="list-style-type: none"> <li>• <b>Manpower planning as per IPHS standards</b></li> <li>• <b>Rural:</b> Organization, staffing and material management of rural health services provided by Government at village, SC/HWC, PHC, CHC, hospitals- district, state and central</li> <li>• <b>Urban:</b> Organization, staffing, and functions of urban health services provided by Government at slums, dispensaries, special clinics, municipal and corporate hospitals</li> <li>• Defense services</li> <li>• Institutional services</li> <li>• Other systems of medicine and health: Indian system of medicine, AYUSH clinics, Alternative health care system referral systems, Indigenous health services</li> </ul>	<p>delivery systems</p> <ul style="list-style-type: none"> <li>• Supervised field practice</li> </ul>	
VII	8	<p>Describe the leadership role in guiding, supervising, and monitoring the health services and the personnel at the PHCs, SCs and community level including financial management</p> <p>Describe the roles and responsibilities of Mid-Level Health Care Providers (MHCPs) in Health Wellness Centers (HWCs)</p>	<p><b>Leadership, Supervision and Monitoring</b></p> <ul style="list-style-type: none"> <li>• Understanding work responsibilities/job description of DPHN, Health Visitor, PHN, MPHWP (Female), Multipurpose health Worker (Male), AWWs and ASHA</li> <li>• Roles and responsibilities of Mid -Level Health Care Providers (MLHPs)</li> <li>• Village Health Sanitation and Nutrition Committees (VHSNC) : objectives, composition and roles &amp; responsibilities</li> <li>• Health team management</li> </ul>	<ul style="list-style-type: none"> <li>• Lecture,</li> <li>• Discussion</li> <li>• Demonstration</li> <li>• Role play</li> <li>• Suggested field visits</li> <li>• Field practice</li> </ul>	<ul style="list-style-type: none"> <li>• Report on interaction with MPHWs, HVs , ASHA, AWWs</li> <li>• Participation in training programmes</li> <li>• Essay Type</li> <li>• Short answers</li> </ul>

		<ul style="list-style-type: none"> <li>• <i>Review:</i> Leadership &amp; supervision-concepts, principles &amp; methods</li> <li>• Leadership in health: leadership approaches in healthcare setting, taking control of health of community and organizing health camps, village clinics</li> <li>• Training, Supportive supervision and monitoring-concepts, principles and process Eg. performance of frontline health workers</li> <li>• <b>Financial Management and Accounting &amp; Computing at Health Centers (SC)</b> <ul style="list-style-type: none"> <li>○ Activities for which funds are received</li> <li>○ Accounting and book keeping requirements-accounting principles &amp; policies, book of accounts to be maintained, basic accounting entries, accounting process, payments &amp; expenditure, fixed asset, SOE reporting format, utilization certificate (UC) reporting</li> <li>○ Preparing a budget</li> <li>○ Audit</li> </ul> </li> <li>• <b>Records &amp; Reports:</b> <ul style="list-style-type: none"> <li>• <b>Concepts of records and reports</b>-importance, legal implications, purposes, use of records, principles of record writing, filing of records</li> <li>• <b>Types of records</b>-community related records, registers, guidelines for maintaining</li> <li>• <b>Report writing</b>-purposes, documentation of activities, types of reports</li> </ul> </li> </ul>	
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			<ul style="list-style-type: none"> <li>• <b>Medical Records Department-</b> functions, filing and retention of medical records</li> <li>• <b>Electronic Medical Records (EMR)-</b> capabilities and components of EMR, electronic health record (EHR), levels of automation, attributes, benefits and disadvantages of EHR</li> <li>• <b>Nurses' responsibility in record keeping and reporting</b></li> </ul>		
VII	4 hours	Demonstrate initiative in preparing themselves and the community for disaster preparedness and management	<b>Disaster Management</b> <ul style="list-style-type: none"> <li>• Disaster types and magnitude</li> <li>• Disaster preparedness</li> <li>• Emergency preparedness</li> <li>• Common problems during disasters and methods to overcome</li> <li>• Basic disaster supplies kit</li> <li>• Disaster response including emergency relief measures and Life saving techniques</li> <li>• Use disaster management module</li> </ul>	<ul style="list-style-type: none"> <li>• Lecture, Discussion, Demonstration, Role play</li> <li>• Suggested field visits, and field practice</li> <li>• Mock drills</li> <li>• Refer-Disaster module (NDMA) National Disaster /INC – Reaching out in emergencies</li> </ul>	•
VIII	3 hours	Describe the importance of bio-medical waste management, its process and management	<b>Bio-Medical Waste Management</b> <ul style="list-style-type: none"> <li>• Waste collection, segregation, transportation and management in the community</li> <li>• Waste management in health center/clinics</li> <li>• Bio-medical waste management guidelines – 2016, 2018 (Review)</li> </ul>	<ul style="list-style-type: none"> <li>• Lecture cum Discussion</li> <li>• Field visit to waste management site</li> </ul>	• Field visit report
IX	3 hours	Explain the roles and functions of various national and international health agencies	<b>Health agencies International</b> <ul style="list-style-type: none"> <li>• WHO, UNFPA, UNDP, World Bank, FAO, UNICEF, European Commission, Red cross, USAID, UNESCO,</li> </ul>	<ul style="list-style-type: none"> <li>• Lecture</li> <li>• Discussion</li> <li>• Field visits</li> </ul>	<ul style="list-style-type: none"> <li>• Essay type</li> <li>• Short answers</li> </ul>

			<p>ILO, CAR, CIDA, JHPIEGO, any other</p> <ul style="list-style-type: none"> <li>• <b>National:</b> Indian Red cross, Indian Council for Child Welfare, Family Planning Association of India, Tuberculosis Association of India, Central Social Welfare Board, All India Women's Conference, Blind Association of India, any other</li> </ul> <p><b>Voluntary Health Association of India(VHA)</b></p>		
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## COMMUNITY HEALTH NURSING II

### CLINICAL POSTINGS

**2 Weeks x 40 hrs/week**

**Total hours: 80 hours**

CLINICAL AREA	DURATION IN WEEKS	LEARNING OUTCOMES	PROCEDURAL COMPETENCIES/ CLINICAL SKILLS	CLINICAL REQUIREMENTS	ASSESSMENT METHODS
Urban	1 week	<ul style="list-style-type: none"> <li>Participate in community diagnosis -data management</li> </ul>	<ul style="list-style-type: none"> <li>Participation in Community diagnosis-data management</li> </ul>	<ul style="list-style-type: none"> <li>Group project: Community diagnosis-data management</li> </ul>	<ul style="list-style-type: none"> <li>Assignment evaluation</li> <li>Field visit report</li> <li>Clinical performance assessment</li> <li>OSCE during posting</li> <li>Final clinical examination (University)</li> </ul>
Rural	1 Week	<ul style="list-style-type: none"> <li>Screen, diagnose, manage and refer clients with occupational health problem</li> <li>Screen, diagnose, manage and refer clients who are mentally unhealthy</li> <li>Screen, assess and manage elderly with health problems and refer appropriately</li> <li>Participate in health centre activities</li> <li>Organize and conduct clinics/health camps in the community</li> <li>Prepare for disaster preparedness and management</li> </ul>	<ul style="list-style-type: none"> <li>Screening, diagnosing, management and referral of clients with occupational health problems</li> <li>Mental health screening</li> <li>Health assessment of elderly</li> <li>Writing health center activity report</li> <li>Organizing and conducting clinics/camp</li> <li>Participation in disaster mock drills</li> </ul>	<ul style="list-style-type: none"> <li>Screening, diagnosing, management and referral of clients with occupational health problems-1</li> <li>Mental health screening survey- 1</li> <li>Health assessment (Physical &amp; nutritional) of elderly- 1</li> <li>write report on health center activities- 1</li> <li>Organizing and conducting:                             <ul style="list-style-type: none"> <li>Antenatal/underfive clinic/Health camp- 1</li> </ul> </li> <li>Participation in disaster mock drills</li> <li>Field visit to bio-medical waste management site</li> <li>Visit to AYUSH clinic</li> </ul>	

**Reference:** Modules used in Certificate programme for community Health for nurses (Bridge Programme)

## **MIDWIFERY / OBSTETRIC AND GYNECOLOGY NURSING- II**

**PLACEMENT:** VII SEMESTER

**THEORY** : 4 Credits (80

hours)

Skill lab : 1 Credit (40 hours)

Clinical : 7 Credits (560 hours)

**DESCRIPTION:** This course is designed for students to develop knowledge and competencies on the concepts and principles of obstetrical 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 and participate in family welfare programme. 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 conditions.
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. Counsel and care for couples with infertility
12. Describe artificial reproductive technology
13. Describe the drugs used in obstetrics and gynecology
14. Demonstrate skills in implementing various government programs related to MNCH care.
15. Identify the role of a midwife in vital statistics and health information management
- 16.** Recognize the importance of family welfare programme and describe the methods of contraception and role of nurse in family welfare

## COURSE OUTLINE

UNIT	TIME	LEARNING OUTCOMES	CONTENT	TEACHING/LEARNING ACTIVITIES	ASSESSMENT METHODS
I	T-20 L-10 C-120	<p>Describe the assessment, initial management, and referral of women with abnormal/problems during pregnancy</p> <p>Support women with complicated pregnancy and facilitate safe and positive birthing outcome</p>	<p><b>Recognition and Management of problems during Pregnancy</b></p> <ul style="list-style-type: none"> <li>• Assessment of high-risk pregnancy</li> <li>• <b>Problems/complications of pregnancy</b> <ul style="list-style-type: none"> <li>○ Hyper-emesis gravidarum,</li> <li>○ Bleeding in early pregnancy: abortion, ectopic pregnancy, vesicular mole</li> <li>○ Bleeding in late pregnancy placenta previa, abruption placenta, trauma</li> <li>○ Medical conditions complicating pregnancy: Anemia, PIH, GDM, cardiac disease, pulmonary disease, thyrotoxicosis, STDs, HIV, Rh incompatibility</li> <li>○ Infections in pregnancy - urinary tract infection, bacterial, viral, protozoal, fungal</li> <li>○ Surgical conditions complicating pregnancy: appendicitis, acute abdomen</li> <li>○ Hydramnios</li> <li>○ Multiple pregnancy</li> <li>○ Abnormalities of placenta and cord</li> <li>○ Intra uterine growth</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Lecture</li> <li>• Discussion</li> <li>• Demonstration</li> <li>• Video &amp; films</li> <li>• Scan reports</li> <li>• Case discussion</li> <li>• Case presentation</li> <li>• Drug presentation</li> <li>• Health talk</li> <li>• Simulation</li> <li>• Role play</li> <li>• Supervised Clinical practice</li> <li>• <b>SBA module</b></li> <li>• WHO midwifery toolkit</li> <li>• GoI guideline – screening for hypothyroidism, screening for syphilis, deworming during pregnancy, diagnosis and management of GDM</li> </ul>	<ul style="list-style-type: none"> <li>• Essay type</li> <li>• Short answers</li> <li>• Objective type</li> <li>• Assessment of skills with checklist</li> <li>• OSCE</li> </ul>

			<p>restriction</p> <ul style="list-style-type: none"> <li>○ Intra uterine fetal death</li> <li>○ Gynaecological conditions complicating pregnancy</li> <li>○ Mental health issues during pregnancy</li> <li>○ Adolescent pregnancy, elderly primi, grand multiparity</li> <li>○ Management and care of conditions as per the protocol</li> <li>○ Policy for the referral services</li> <li>○ Drugs used in management of high-risk pregnancies</li> <li>○ Maintenance of records and reports</li> </ul>		
<b>II</b>	T - 20 L – 15 C - 120	Identify, provide initial management and refer women with problems during labour within the scope of midwifery practice.	<p><b>Recognition of deviations from the normal and management during labour</b></p> <ul style="list-style-type: none"> <li>● Preterm labour: Prevention and management of preterm labour;(Use of antenatal corticosteroids in preterm labour)</li> <li>● Premature rupture of membranes</li> <li>● Malposition's and abnormal presentations (breech, brow, face, shoulder)</li> <li>● Contracted Pelvis, Cephalo Pelvic Disproportion (CPD)</li> <li>● Disorders of uterine action- Prolonged labour, Precipitate labour,</li> </ul>	<ul style="list-style-type: none"> <li>● Lecture</li> <li>● Discussion</li> <li>● Demonstration</li> <li>● Case discussion/ presentation</li> <li>● Simulation</li> <li>● Role play</li> <li>● Drug presentation</li> <li>● Supervised Clinical practice</li> <li>● SBA module</li> <li>● WHO midwifery toolkit</li> <li>● GoI guidelines-use of uterotonics during labour</li> </ul>	<ul style="list-style-type: none"> <li>● Essay type</li> <li>● Short answers</li> <li>● Objective type</li> <li>● Assessment of skills with check list</li> <li>● OSCE</li> </ul>

			<p>Dysfunctional labour</p> <ul style="list-style-type: none"> <li>• Complications of third stage: Retained placenta, Injuries to birth canal, Postpartum hemorrhage (<b>bimanual compression of the uterus, aortic compression, uterine balloon tamponade</b>)</li> <li>• Obstetric emergencies- Ruptured uterus, Obstetrical shock, Amniotic fluid embolism, Foetal distress, Cord prolapse, Shoulder dystocia, Uterine inversion, Vasa previa</li> <li>• Episiotomy and suturing</li> <li>• Obstetric procedures- Forceps delivery, Vacuum delivery, Version</li> <li>• Manual removal of the placenta</li> <li>• Induction of labour- Medical &amp; surgical</li> <li>• Caesarean section: indications and preparation</li> <li>• Nursing management of women undergoing Obstetrical operations and procedures</li> <li>• Drugs used in management of abnormal labour</li> <li>• Anesthesia and analgesia in obstetrics</li> </ul>		
III	T- 10 L – 5 C - 80	Describe the assessment, initial management, referral and nursing care of women with	<p><b>Recognition and Management of postnatal problems</b></p> <ul style="list-style-type: none"> <li>• Physical examination, identification of deviation from normal</li> <li>• Puerperal complications</li> </ul>	<ul style="list-style-type: none"> <li>• Lecture</li> <li>• Demonstration</li> <li>• Case discussion/ presentation</li> <li>• Drug presentation</li> <li>• Supervised Clinical practice</li> <li>• GoI guidance note</li> </ul>	<ul style="list-style-type: none"> <li>• Quiz</li> <li>• Simulation</li> <li>• Short answers</li> <li>• OSC</li> </ul>

		abnormal postnatal conditions.	<p>and its management</p> <ul style="list-style-type: none"> <li>○ Puerperal pyrexia</li> <li>○ Puerperal sepsis</li> <li>○ Urinary complications</li> <li>○ Secondary Postpartum hemorrhage</li> <li>○ Vulval hematoma</li> <li>○ Breast engorgement including mastitis/breast abscess, feeding problem</li> <li>○ Thrombophlebitis</li> <li>○ DVT</li> <li>○ Uterine sub involution</li> <li>○ Vesico vaginal fistula (VVF), Recto vaginal fistula (RVF)</li> <li>○ Postpartum blues / psychosis</li> </ul> <ul style="list-style-type: none"> <li>● Drugs used in abnormal puerperium</li> <li>● Policy about referral</li> </ul>	on prevention and management of PPH	E
IV	T - 7 L - 5 C – 40	Describe high risk neonates and their nursing management	<p><b>Assessment and management of High-risk newborn (Review)</b></p> <ul style="list-style-type: none"> <li>● Models of newborn care in India – NBCC; SNCUs</li> <li>● Screening of high-risk newborn</li> <li>● Protocols, levels of neonatal care, infection control</li> <li>● Prematurity, Postmaturity</li> <li>● Low birth weight <ul style="list-style-type: none"> <li>○ Kangaroo Mother Care</li> </ul> </li> <li>● Birth asphyxia / Hypoxic encephalopathy</li> <li>● Neonatal sepsis</li> <li>● Hypothermia</li> <li>● Respiratory distress</li> <li>● Jaundice</li> <li>● Neonatal infections</li> <li>● High fever</li> </ul>	<ul style="list-style-type: none"> <li>● Lecture</li> <li>● Discussion</li> <li>● Demonstration</li> <li>● Simulation</li> <li>● Case discussion/ presentation</li> <li>● Drug presentation</li> <li>● Supervised Clinical practice</li> </ul>	<ul style="list-style-type: none"> <li>● Short answers</li> <li>● Objective type</li> <li>● Assessment of skills with check list</li> <li>● OSCE</li> </ul>

			<ul style="list-style-type: none"> <li>• Convulsions</li> <li>• Neonatal tetanus</li> <li>• Congenital anomalies</li> <li>• Baby of HIV positive mothers</li> <li>• Baby of Rh negative mothers</li> <li>• Birth injuries</li> <li>• SIDS (Sudden Infant Death Syndrome) prevention, Compassionate care</li> <li>• Calculation of fluid requirements, EBM / formula feeds / tube feeding</li> <li>• Home based newborn care program - community facility integration in newborn care</li> <li>• Decision making about management and referral</li> <li>• Integrated Management of Neonatal Childhood Illnesses (IMNCI)</li> <li>• Bereavement counseling</li> <li>• Drugs used for high risk newborns</li> <li>• Maintenance of records and reports</li> </ul>		
V	T - 15 L - 5 C - 120	Describe the assessment and management of women with gynecological disorders.	<b>Assessment and management of women with gynecological disorders</b> <ul style="list-style-type: none"> <li>• Gynecological assessment - History and Physical assessment</li> <li>• Breast Self- Examination</li> <li>• Congenital abnormalities of female reproductive system</li> </ul>	<ul style="list-style-type: none"> <li>• Lecture</li> <li>• Discussion</li> <li>• Demonstration</li> <li>• Case discussion/ presentation</li> <li>• Drug presentation</li> <li>• Videos, films</li> <li>• Simulated practice</li> <li>• Supervised Clinical</li> </ul>	<ul style="list-style-type: none"> <li>• Essay type</li> <li>• Short answers</li> <li>• Objective type</li> <li>• Assessment of skills with check list</li> </ul>

			<ul style="list-style-type: none"> <li>• Etiology, Pathophysiology, clinical manifestations, diagnosis, treatment modalities and management of disorder of female reproductive system <ul style="list-style-type: none"> <li>○ Menstrual abnormalities</li> <li>○ Abnormal uterine bleed</li> <li>○ Pelvic inflammatory disease</li> <li>○ Infections of the reproductive tract</li> <li>○ Uterine displacement</li> <li>○ Endometriosis</li> <li>○ Uterine and cervical fibroids and polyps</li> <li>○ Tumors – uterine, cervical, ovarian, vaginal, vulval</li> <li>○ Cysts – ovarian, vulval</li> <li>○ Cystocele, urethrocele, rectocele</li> <li>○ Genitor-urinary fistulas</li> <li>○ Breast disorders – infections, deformities, cysts, tumors</li> <li>○ HPV vaccination</li> <li>○ Disorders of Puberty and menopause</li> <li>○ Hormonal replacement therapy</li> </ul> </li> <li>• Assessment and management of couples with infertility <ul style="list-style-type: none"> <li>○ Infertility – definition, causes</li> <li>○ Counseling the infertile couple</li> <li>○ Investigations – male and female</li> <li>○ Artificial reproductive technology</li> </ul> </li> </ul>	<p>practice</p> <ul style="list-style-type: none"> <li>• Visit to infertility clinic and ART centers</li> </ul>	<ul style="list-style-type: none"> <li>• OSCE</li> </ul>
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			<ul style="list-style-type: none"> <li>○ Surrogacy, sperm and ovum donation, cryopreservation</li> <li>● Adoption – counselling, procedures</li> <li>● Injuries and Trauma; Sexual violence</li> <li>● Drugs used in treatment of gynaecological disorders</li> </ul>		
VI	T- 8 C- 80	Describe family planning and the national programs related to family welfare, MNCH+A care	<p><b>Family planning and family welfare programs</b></p> <ul style="list-style-type: none"> <li>● <i>Review:</i> Vital indicators - Maternal mortality ratio, Infant Mortality Rate, Neonatal Mortality Rate, perinatal mortality rate, fertility rates</li> <li>● Maternal death audit</li> <li>● National health Mission</li> <li>● National programs related to maternal newborn child health and adolescent services</li> <li>● <b>Family welfare services</b> <ul style="list-style-type: none"> <li>○ Planned Parenthood</li> <li>○ Impact of early / frequent childbearing</li> <li>○ Comprehensive range of family planning methods- Action, effectiveness, advantages, disadvantages, myths, misconception and medical eligibility criteria (MEC)for use of various family planning methods</li> <li>○ Emergency contraceptives</li> <li>○ Family planning Counseling using Balanced Counseling</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>● Lecture</li> <li>● Supervised practice</li> <li>● Field visits</li> <li>● GoI guidelines – injectable contraceptives, oral contraceptives, male and female sterilization</li> </ul>	<ul style="list-style-type: none"> <li>● Essay type</li> <li>● Short answers</li> <li>● Objective type</li> <li>● Field visit reports</li> </ul>

			<p>Strategy (BCS)</p> <ul style="list-style-type: none"> <li>○ Importance of follow up and recommended timing</li> <li>○ Unintended or mistimed pregnancy</li> <li>○ Post abortion counseling</li> <li>● Recent trends and research in contraception</li> </ul>		
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**(Skill lab & Clinical)**

**PLACEMENT: VII SEMESTER**

Total Hours: 600hrs  
Skill Lab – 40 (1 credit)  
Clinical - 560 (7 credits)

**Practice Competencies:**

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

1. Identify and refer antenatal mothers with complications
2. Conduct labour and delivery
3. Demonstrate skills in resuscitating the newborn
4. Assist and manage complications during labour
5. Assist in the conduction of abnormal vaginal deliveries and caesarean section.
6. Identify postnatal and neonatal complications and refer them
7. Provide care for high risk antenatal, intranatal and postnatal mothers and their families using nursing process approach
8. Provide care for high risk newborn
9. Assist in advanced clinical procedures in midwifery
10. Provide family welfare services
11. Provide care for women during their non childbearing period.
12. Provide post abortion care
13. Demonstrate IUCD insertion and removal
14. Participate in national family welfare programs
15. Assess women with gynecological disorders
16. Demonstrate skills in performing and assisting in specific gynecological procedures
17. Counsel and care for couples with infertility

## I. SKILL LAB:

### Procedures/ Skills for demonstration and return demonstration:

- 1) Antenatal assessment and identification of complications
- 2) Counselling antenatal women – complication readiness
- 3) PV examination
- 4) Plotting and interpretation of partograph
- 5) Preparation for delivery – setting up labour room, articles, equipment
- 6) Mechanism of labour – normal and abnormal
- 7) Conduction of delivery with essential newborn care
- 8) Active management of third stage of labour
- 9) Placental examination
- 10) Newborn resuscitation
- 11) Monitoring during fourth stage of labour
- 12) Postnatal assessment
- 13) Newborn assessment
- 14) Kangaroo mother care
- 15) Management of complications during pregnancy / labour /post partum (case studies / simulated scenarios)
- 16) Administration of Magnesium sulphate
- 17) Starting and maintaining an oxytocin drip
- 18) Management of PPH - Bimanual compression of uterus
- 19) Management of PPH –Balloon tamponade
- 20) Family planning counselling.
- 21) PPIUCD insertion
- 22) Instruments used in obstetrics and gynecology
- 23) Visual inspection of cervix with acetic acid
- 24) Cervical biopsy
- 25) Breast examination

### CLINICAL POSTINGS 14 weeks x 40 hours/week

CLINICAL AREAS	DURATION IN WEEKS	LEARNING OUTCOMES	PROCEDURAL COMPETENCIES/ CLINICAL SKILLS	CLINICAL REQUIREMENTS	ASSESSMENT METHODS
Antenatal OPD including infertility clinics / Reproductive medicine,	2 weeks	Perform antenatal assessment and identify complications during antenatal period  Perform laboratory tests for antenatal	<ul style="list-style-type: none"> <li>• Pregnancy confirmation test</li> <li>• History collection</li> <li>• Physical examination</li> <li>• Obstetric examination</li> <li>• Urine testing</li> <li>• Blood testing for</li> </ul>	<ul style="list-style-type: none"> <li>• Antenatal palpation</li> <li>• Health talk</li> <li>• Case study</li> </ul>	<ul style="list-style-type: none"> <li>• Simulation</li> <li>• Case presentation</li> </ul>

<p>Family welfare and post-partum clinic / PTCT Centre</p> <p>Antenatal ward</p>	<p>2 weeks</p>	<p>women</p> <p>Perform and assist in selected advanced antenatal diagnostic procedures</p> <p>Provide antenatal care for women with complications of pregnancy</p> <p>Counsel antenatal mothers</p>	<p>Hemoglobin</p> <ul style="list-style-type: none"> <li>• Blood test for malaria</li> <li>• Blood test for grouping and typing</li> <li>• Kick chart, DFMC</li> <li>• Assist in NST/CTG/USG</li> <li>• Care of mothers with complications in pregnancy</li> <li>• Antenatal counselling</li> <li>• Antenatal interventions</li> <li>• Preparation for childbirth</li> <li>• Birth preparedness and complication readiness</li> </ul>		
<p>Postnatal Ward</p>	<p>2 wks</p>	<p>Perform postnatal assessment and identification of postnatal complications</p> <p>Provide post abortion care and postnatal counselling</p> <p>Provide postnatal care</p>	<ul style="list-style-type: none"> <li>• Postnatal history collection and physical examination</li> <li>• Identify postnatal complications</li> <li>• Post abortion care</li> <li>• Post abortion counselling</li> <li>• Care of postnatal mothers – normal, caesarean section</li> <li>• Care of normal newborn</li> <li>• Lactation management</li> <li>• Postnatal</li> </ul>	<ul style="list-style-type: none"> <li>• Health talk</li> <li>• Antenatal assessment</li> <li>• Postnatal assessment</li> <li>• Newborn assessment</li> <li>• Case studies</li> <li>• Case presentation</li> <li>• IUCD insertion and removal</li> </ul>	<ul style="list-style-type: none"> <li>• Role play</li> <li>• Assignment</li> <li>• Case study,</li> <li>• Case presentation</li> <li>• Simulation</li> <li>• Vignettes</li> </ul>

		Provide family welfare services	<ul style="list-style-type: none"> <li>counselling</li> <li>Health teaching on postnatal and newborn care</li> <li>Family welfare counselling</li> </ul>		
Labour room	4 weeks	<p>Conduction of normal deliveries</p> <p>Conduct / assist in abnormal deliveries</p> <p>Monitor labour using partograph</p> <p>Identify and manage complications during labour</p>	<ul style="list-style-type: none"> <li>Assessment of woman in labour</li> <li>Partograph</li> <li>Pervaginal examination if indicated</li> <li>Obstetric examination</li> <li>Care during first stage of labour</li> <li>Pain management techniques</li> <li>Positions in labour</li> <li>Preparation for labour – articles, physical, psychological</li> <li>Conduction of normal delivery</li> <li>Essential newborn care</li> <li>Newborn resuscitation</li> <li>Active management of third stage of labour</li> <li>Monitoring and care during fourth stage of labour</li> <li>Identification and management of prolonged labour, cervical dystocia, CPD, contracted pelvis</li> <li>Assist in the management of abnormal deliveries – posterior position, breech deliveries,</li> </ul>	<ul style="list-style-type: none"> <li>Partograph recording</li> <li>Pain management during labour</li> <li>Conduction of delivery</li> <li>Assisting in abnormal deliveries</li> <li>Managing complication during labour</li> <li>Case study</li> <li>Case presentation</li> </ul>	<ul style="list-style-type: none"> <li>Assignment</li> <li>Case study</li> <li>Case presentation</li> </ul>

			<p>twin deliveries, vacuum extraction, forceps delivery, shoulder dystocia</p> <ul style="list-style-type: none"> <li>• Assist in cervical encirculation procedures, D&amp;C, D&amp;E</li> <li>• Management of trauma to the birth canal, retained placenta, post partum hemorrhage, uterine atony</li> <li>• Management of obstetric shock</li> </ul>		
Neonatal Intensive Care Unit	2 weeks	<p>Perform assessment of newborn and identify complications/congenital anomalies</p> <p>Perform neonatal resuscitation</p> <p>Care of high risk newborn</p> <p>Provide care for newborns in ventilator, incubator etc</p> <p>Assist / perform special neonatal procedures</p>	<ul style="list-style-type: none"> <li>• Neonatal assessment – identification of complication, congenital anomalies.</li> <li>• Observation of newborn</li> <li>• Neonatal resuscitation</li> <li>• Phototherapy and management of jaundice in newborn</li> <li>• Assist in Exchange transfusion</li> <li>• Care of baby in incubator, ventilator, warmer.</li> <li>• Infection control in the nursery</li> <li>• Neonatal medications</li> <li>• Neonatal feeding</li> </ul>	<ul style="list-style-type: none"> <li>• Case study</li> <li>• Case presentation</li> <li>• Assignments</li> <li>• Simulated practice</li> </ul>	<ul style="list-style-type: none"> <li>• Case presentation</li> <li>• Care study</li> <li>• Care plan</li> <li>• Simulation, Vignettes</li> </ul>

			<ul style="list-style-type: none"> <li>- spoon and katori, paladai, NG tube</li> <li>• Starting IV line for newborn, drug calculation</li> <li>• Assist in advanced neonatal procedures</li> </ul>		
obstetric / Gynae operation theatre	1 week	Assist in gynecological and obstetric surgeries	<ul style="list-style-type: none"> <li>• Observe / Assist in caesarean section</li> <li>• Management of retained placenta</li> <li>• Gynecological surgeries</li> <li>• Hysterectomy</li> <li>• Uterine rupture.</li> </ul>	<ul style="list-style-type: none"> <li>• Assisting in obstetric and gynecological surgery</li> </ul> Tray set-up	<ul style="list-style-type: none"> <li>• Assignment</li> <li>• Tray set-up for obstetric and gynecological surgeries</li> </ul>
Gynecology ward	2 weeks	Care for women with gynecological disorders	<ul style="list-style-type: none"> <li>• Care of women with gynecological conditions</li> <li>• Vaginal douche application</li> <li>• Health education</li> </ul>	<ul style="list-style-type: none"> <li>• Care plan</li> </ul>	<ul style="list-style-type: none"> <li>• Case presentation</li> <li>• Simulation</li> <li>• Vignettes</li> </ul>