B.Sc. Nursing Syllabus

Semester VII

Subjects

Subject	PDF page	Open
Community Health Nursing II	2	Click here
Nursing Research and Statistics	12	Click here
Midwifery and Obstetrics and Gynaecology Nursing II	15	Click here

Curriculum sources

Click here to open the original curriculum

Click here for the official corrigendum

Community Health Nursing II

100 hours theory | 160 hours clinical | 7 credits

Course 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.

Learning outcomes

- Demonstrate beginning practice competencies/skills relevant to provide comprehensive primary health care/community-based care to clients with common diseases and disorders including emergency and first aid care at home/clinics/centres as per predetermined protocols/drug standing orders approved by MOH&FW
- Provide maternal, newborn and child care, and reproductive health including adolescent care in the urban and rural health care settings
- Describe the methods of collection and interpretation of demographic data
- Explain population control and its impact on the society and describe the approaches towards limiting family size
- Describe occupational health hazards, occupational diseases and the role of nurses in occupational health programs
- Identify health problems of older adults and provide primary care, counseling and supportive health services
- Participate in screening for mental health problems in the community and providing appropriate referral services
- Discuss the methods of data collection for HMIS, analysis and interpretation of data
- Discuss about effective management of health information in community diagnosis and intervention
- Describe the management system of delivery of community health services in rural and urban areas
- 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
- Describe the roles and responsibilities of Mid-Level Health Care Providers (MHCPs) in Health Wellness Centers (HWCs
- Identify the roles and responsibilities of health team members and explain their job description
- Demonstrate initiative in preparing themselves and the community for disaster preparedness and management
- Demonstrate skills in proper bio-medical waste management as per protocols
- Explain the roles and functions of various national and international health agencies

Theory

Unit I

- Management of common conditions and emergencies including first aid
- Standing orders: Definition, uses
- Screening, diagnosing/ identification, primary care and referral of Gastrointestinal System
  - Abdominal pain
  - Nausea and vomiting
  - Diarrhea
  - Constipation
  - Jaundice
  - GI bleeding
  - Abdominal distension
  - Dysphagia and dyspepsia
  - Aphthous ulcers
- Respiratory System
  - Acute upper respiratory infections - Rhinitis, Sinusitis, Pharyngitis, Laryngitis, Tonsillitis
  - Acute lower respiratory infections - Bronchitis, pneumonia and bronchial asthma
  - Hemoptysis, Acute chest pain
- Heart & Blood
  - Common heart diseases - Heart attack/coronary artery disease, heart failure, arrhythmia
  - Blood anemia, blood cancers, bleeding disorders
- Eye & ENT conditions
- Eye - local infections, redness of eye, conjunctivitis, stye, trachoma and refractive errors
- ENT - Epistaxis, ASOM, sore throat, deafness
- Urinary System
- Urinary tract infections - cystitis, pyelonephritis, prostatitis, UTIs in children
- First aid in common emergency conditions
- Review
- High fever, low blood sugar, minor injuries, fractures, fainting, bleeding, shock, stroke, bites, burns, choking, seizures, RTAs, poisoning, drowning and foreign bodies

Unit II

- Reproductive, maternal, newborn, child and adolescent Health (Review from OBG Nursing and application in community setting)
- Present situation of reproductive, maternal and child health in India
- Antenatal care
- Objectives, antenatal visits and examination, nutrition during pregnancy, counseling

- Calcium and iron supplementation in pregnancy
- Antenatal care at health centre level
- Birth preparedness
- High risk approach - Screening/early identification and primary management of complications - Antepartum hemorrhage, pre-eclampsia, eclampsia, Anemia, Gestational diabetes mellitus, Hypothyroidism, Syphilis
- Referral, follow up and maintenance of records and reports
- Intra natal care
- Normal labour - process, onset, stages of labour
- Monitoring and active management of different stages of labour
- Care of women after labour
- Early identification, primary management, referral and follow up - preterm labour, fetal distress, prolonged and obstructed labour, vaginal & perennial tears, ruptured uterus
- Care of newborn immediately after birth
- Maintenance of records and reports
- Use of Safe child birth check list
- SBA module - Review
- Organization of labour room
- Postpartum care
- Objectives, Postnatal visits, care of mother and baby, breast feeding, diet during lactation, and health counseling
- Early identification, primary management, referral and follow up of complications, Danger signs-postpartum hemorrhage, shock, puerperal sepsis, breast conditions, post-partum depression
- Postpartum visit by health care provider
- Newborn and child care
- Review: Essential newborn care
- Management of common neonatal problems
- Management of common child health problems: Pneumonia, Diarrhoea, Sepsis, screening for congenital anomalies and referral
- Review: IMNCI Module
- Under five clinics
- Adolescent Health
- Common health problems and risk factors in adolescent girls and boys
- Common Gynecological conditions - dysmenoorhea, Premenstrual Syndrome (PMS), Vaginal discharge, Mastitis, Breast lump, pelvic pain, pelvic organ prolapse
- Teenage pregnancy, awareness about legal age of marriage, nutritional status of adolescents National Menstrual Hygiene scheme
- Youth friendly services:

  - SRH Service needs
  - Role and attitude of nurses: Privacy, confidentiality, non judgemental attitude, client autonomy, respectful care and communication
- Counseling for parents and teenagers (BCS
- balanced counseling strategy)
- National Programs
- RMNCH+A Approach - Aims, Health systems strengthening, RMNCH+A strategies, Interventions across life stages, program management, monitoring and evaluation systems
- Universal Immunization Program (UIP) as per Government of India guidelines - Review
- Rashtriya Bal Swasthya Karyakaram (RSBK) -children
- Rashtriya Kishor Swasthya Karyakram (RKSK) - adolscents
- Any other new programs

Unit III

- Demography, Surveillance and Interpretation of Data
- Demography and vital statistics - demographic cycle, world population trends, vital statistics
- Sex ratio and child sex ratio, trends of sex ratio in India, the causes and social implications
- Sources of vital statistics - Census, registration of vital events, sample registration system
- Morbidity and mortality indicators - Definition, calculation and interpretation
- Surveillance, Integrated disease surveillance project (IDSP), Organization of IDSP, flow of information and mother and child tracking system (MCTS) in India
- Collection, analysis, interpretation, use of data
- Review: Common sampling techniques - random and nonrandom techniques
- Disaggregation of data

Unit IV

- Population and its Control
- Population Explosion and its impact on Social, Economic development of individual, society and country.
- Population Control - Women Empowerment; Social, Economic and Educational Development
- Limiting Family Size - Promotion of small family norm, Temporary Spacing Methods (natural, biological, chemical, mechanical methods etc.), Terminal Methods (Tubectomy, Vasectomy)
- Emergency Contraception
- Counseling in reproductive, sexual health including problems of adolescents
- Medical Termination of pregnancy and MTP Act
- National Population Stabilization Fund/JSK (Jansankhya Sthirata Kosh)
- Family planning 2020
- National Family Welfare Program
- Role of a nurse in Family Welfare Program

Unit V

- Occupational Health
- Occupational health hazards
- Occupational diseases
- ESI Act
- National/ State Occupational Health Programs
- Role of a nurse in occupational health services - Screening, diagnosing, management and referral of clients with occupational health problems

Unit VI

- Geriatric Health Care
- Health problems of older adults
- Management of common geriatric ailments: counseling, supportive treatment of older adults
- Organization of geriatric health services
- National program for health care of elderly (NPHCE)
- State level programs/Schemes for older adults
- Role of a community health nurse in geriatric health services - Screening, diagnosing, management and referral of older adults with health problems

Unit VII

- Mental Health Disorders
- Screening, management, prevention and referral for mental health disorders
- Review:
  - Depression, anxiety, acute psychosis, Schizophrenia
  - Dementia
  - Suicide
  - Alcohol and substance abuse
  - Drug deaddiction program
  - National Mental Health Program
  - National Mental Health Policy
  - National Mental Health Act
- Role of a community health nurse in screening, initiation of treatment and follow up of mentally ill clients

Unit VIII

- Health Management Information System (HMIS)
- Introduction to health management system: data elements, recording and reporting formats, data quality issues
- Review:
  - Basic Demography and vital statistics

  - Sources of vital statistics
  - Common sampling techniques, frequency distribution
  - Collection, analysis, interpretation of data
- Analysis of data for community needs assessment and preparation of health action plan

Unit IX

- Management of delivery of community health services:
- Planning, budgeting and material management of CHC, PHC, SC/HWC
- Manpower planning as per IPHS standards
- Rural: Organization, staffing and material management of rural health services provided by Government at village, SC/HWC, PHC, CHC, hospitals - district, state and central
- Urban: Organization, staffing, and functions of urban health services provided by Government at slums, dispensaries, special clinics, municipal and corporate hospitals
- Defense services
- Institutional services
- Other systems of medicine and health: Indian system of medicine, AYUSH clinics, Alternative health care system referral systems, Indigenous health services

Unit X

- Leadership, Supervision and Monitoring
- Understanding work responsibilities/job description of DPHN, Health Visitor, PHN, MPHW (Female), Multipurpose health Worker (Male), AWWs and ASHA
- Roles and responsibilities of Mid-Level Health Care Providers (MLHPs)
- Village Health Sanitation and Nutrition Committees (VHSNC): objectives, composition and roles & responsibilities
- Health team management
- Review: Leadership & supervision - concepts, principles & methods
- Leadership in health: leadership approaches in healthcare setting, taking control of health of community and organizing health camps, village clinics
- Training, Supportive supervision and monitoring - concepts, principles and process e.g. performance of frontline health workers
- Financial Management and Accounting & Computing at Health Centers (SC)
  - Activities for which funds are received
  - Accounting and book keeping requirements
- accounting principles & policies, book of accounts to be maintained, basic accounting entries, accounting process, payments & expenditure, fixed asset, SOE reporting format, utilization certificate (UC) reporting
  - Preparing a budget
  - Audit
- Records & Reports:

- Concepts of records and reports - importance, legal implications, purposes, use of records, principles of record writing, filing of records
- Types of records - community related records, registers, guidelines for maintaining
- Report writing - purposes, documentation of activities, types of reports
- Medical Records Department - functions, filing and retention of medical records
- Electronic Medical Records (EMR) - capabilities and components of EMR, electronic health record (EHR), levels of automation, attributes, benefits and disadvantages of HER
- Nurses' responsibility in record keeping and reporting

Unit XI

- Disaster Management
- Disaster types and magnitude
- Disaster preparedness
- Emergency preparedness
- Common problems during disasters and methods to overcome
- Basic disaster supplies kit
- Disaster response including emergency relief measures and Life saving techniques
- Use disaster management module

Unit XII

- Bio-Medical Waste Management
- Waste collection, segregation, transportation and management in the community
- Waste management in health center/clinics
- Bio-medical waste management guidelines
- 2016, 2018 (Review)

Unit XIII

- Health Agencies
- International: WHO, UNFPA, UNDP, World Bank, FAO, UNICEF, European Commission, Red Cross, USAID, UNESCO, ILO, CAR, CIDA, JHPIEGO, any other
- National: 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
- Voluntary Health Association of India (VHA)

COMMUNITY HEALTH NURSING II

Clinical practicum - 2 credits (160 hours)

CLINICAL POSTINGS (4 weeks × 40 hours per week)

Practical and clinical

Urban Rural

- Screening, diagnosing, management and referral of clients with common conditions/ emergencies

- Assessment (physical & nutritional) of antenatal, intrapartum, postnatal and newborn
- Conduction of normal delivery at health center
- Newborn care
- Counsel adolescents
- Family planning counselling
- Distribution of temporary contraceptives - condoms, OCP's, emergency contraceptives

Clinical requirements

- Screening, diagnosing, Primary management and care based on standing orders/protocols approved by MOH&FW
- Minor ailments - 2
- Emergencies - 1
- Dental problems - 1
- Eye problems - 1
- Ear, nose, and throat problems
- 1
- High risk pregnant woman - 1
- High risk neonate - 1
- Assessment of antenatal - 1, intrapartum - 1, postnatal - 1 and newborn - 1
- Conduction of normal delivery at health center and documentation - 2
- Immediate newborn care and documentation - 1
- Adolescent counseling - 1
- Family planning counselling -
- Screening, diagnosing, management and referral of clients with occupational health problems
- Health assessment of elderly
- Mental health screening
- Participation in Community diagnosis - data management
- Writing health center activity report
- Organizing and conducting clinics/camp
- Participation in disaster mock drills

Clinical requirements

- 1
- Family case study - 1 (Rural/Urban)
- Screening, diagnosing, management and referral of clients with occupational health problems - 1
- Health assessment (Physical & nutritional) of elderly - 1
- Mental health screening survey
- 1

- Group project: Community diagnosis - data management
- Write report on health center activities - 1
- Organizing and conducting Antenatal/under-five clinic/Health camp - 1
- Participation in disaster mock drills
- Field visit to bio-medical waste management site
- Visit to AYUSH clinic

Clinical skills logbook

- Screening diagnosing
- Screening, diagnosing, management and referral of clients with common diti / i
- conditions/emergencies
- Antenatal and postnatal care at home and health centre
- Conduction of normal childbirth & newborn care at health centre
- Tracking every pregnancy and filli MCP d
- filling up MCP card
- Maintenance of records/ i t / t
- registers/reports
- Adolescent counseling & ti i ti i th f i dl
- participation in youth friendly
- Competencies/Skills
- services
- Counseling for safe abortion services
- Family planning counseling
- Distribution of temporary contraceptives - condoms, OCP's, emergency contraceptives, Injectable MPA
- Insertion of interval IUCD
- Removal of IUCD
- Participation in conducting vasectomy/tubectomy camp
- Screening, diagnosis, primary management and referral of clients with occupational health problems
- Health assessment of elderly
- Mental Health screening
- Participation in community diagnosis - data management
- Writing health centre activity report
- Participation in organizing and conducting clinic/health camp
- Participation in disaster mock drills
- Co-ordinating with ASHAs and other community health workers

Clinical requirements

VII SEMESTER - COMMUNITY HEALTH NURSING II

Screening and primary management of of i. Minor ailments - 2 ii. Emergencies - 1 iii. Dental problems - 1 iv. Eye - 1 v. ENT - 1

Primary management and care based on protocols approved by MOH&FW (Home/health centre)

- Screening and primary management of i. High risk pregnancy ii. High risk neonate
- Assessment of i. Antenatal - 1 ii. Intrapartum - 1 iii. Postnatal - 1 iv. Newborn - 1
- Conduction of normal childbirth and documentation - 2
- Immediate newborn care and documentation - 1
- Family planning counseling - 1
- Group health education (Rural/urban) - 1
- Adolescent counseling- 1
- Family case study (Rural/urban) - 1
- Screening, diagnosis, primary management and referral of clients with occupational health problems - 2 i. ii.
- Health assessment (physical & nutritional) of elderly - 1
- Mental health screening survey - 1
- Group project - Community diagnosis (data management)
- Writing report on health centre activity - 1
- Participation in organizing and conducting under five/antenatal clinic/health camp - 2 i. ii.
- Participation in disaster mock drills
- Field visits
- Biomedical waste management site
- AYUSH centre
- Industry
- Geriatric home
- Report on interaction with MPHW/HV/ASHA/AWWs (Any 2) 1. 2.

Nursing Research and Statistics

40 hours theory | 40 hours skill lab | 40 hours clinical project | 4 credits

Course description

The Course is designed to enable students to develop an understanding of basic concepts of research, research process and statistics. It is further, structured to conduct/ participate in need-based research studies in various settings and utilize the research findings to provide quality nursing care. The hours for practical will be utilized for conducting individual/group research project.

Learning outcomes

- Identify research priority areas
- Formulate research questions/problem statement/hypotheses
- Review related literature on selected research problem and prepare annotated bibliography
- Prepare sample data collection tool
- Analyze and interpret the given data
- Practice computing, descriptive statistics and correlation
- Draw figures and types of graphs on given select data
- Develop a research proposal
- Plan and conduct a group/individual research project

Theory

Unit I

- Research and Research Process
- Introduction and need for nursing research
- Definition of Research & nursing research
- Steps of scientific method
- Characteristics of good research
- Steps of Research process - overview
- Evidence Based Practice - Concept, Meaning, Purposes, Steps of EBP Process and Barriers

Unit II

- Research Problem/Question
- Identification of problem area
- Problem statement
- Criteria of a good research problem
- Writing objectives and hypotheses

Unit III

- Review of Literature

- Location
- Sources
- On line search; CINHAL, COCHRANE etc.
- Purposes
- Method of review

Unit IV

- Research Approaches and Designs
- Historical, survey and experimental
- Qualitative and Quantitative designs

Unit V

- Sampling and data Collection
- Definition of Population, Sample
- Sampling criteria, factors influencing sampling process, types of sampling techniques
- Data - why, what, from whom, when and where to collect
- Data collection methods and instruments
  - Methods of data collection
  - Questioning, interviewing
  - Observations, record analysis and measurement
  - Types of instruments, Validity & Reliability of the Instrument
- Research ethics
- Pilot study
- Data collection procedure

Unit VI

- Analysis of data
- Compilation, Tabulation, classification, summarization, presentation, interpretation of data

Unit VII

- Introduction to Statistics
- Definition, use of statistics, scales of measurement.
- Frequency distribution and graphical presentation of data
- Mean, Median, Mode, Standard deviation
- Normal Probability and tests of significance
- Co-efficient of correlation
- Statistical packages and its application

Unit VIII

- Communication and utilization of Research
- Communication of research findings

- Verbal report
- Writing research report
- Writing scientific article/paper
- Critical review of published research including publication ethics
- Utilization of research findings
- Conducting group research project

Clinical skills logbook

VII SEMESTER - NURSING RESEARCH & STATISTICS

Research Process Exercise

Statement of the problem

Formulation of Objectives & Hypotheses

Literature review of research report/article

Annotated bibliography

Preparation of sample research tool

Analysis & Interpretation of data - Descriptive statistics

- Competencies/Skills
- Organization of data
- Tabulation of data
- Graphic representation of data
- Tabular presentation of data
- Research Project (Group/Individual)
- Title:

Clinical requirements

VII SEMESTER - NURSING RESEARCH

Research Project - Group/Individual Title:

Signature of the Faculty coordinator Signature of the HOD/Principal

Midwifery and Obstetrics and Gynaecology Nursing II

60 hours theory | 40 hours lab | 320 hours clinical | 8 credits

Includes the Safe Delivery App Module.

Course 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.

Learning outcomes

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

Theory

Unit I

- Recognition and Management of problems during Pregnancy
- Assessment of high-risk pregnancy
- Problems/Complications of Pregnancy
- 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
- Drugs used in management of high-risk pregnancies
- Maintenance of records and reports

Unit II

- Recognition and management of abnormal labour
- 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

Unit III

- Recognition and Management of postnatal problems
- Physical examination, identification of deviation from normal
- Puerperal complications and its management
  - Puerperal pyrexia
  - Puerperal sepsis
  - 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

Unit IV

- Assessment and management of High-risk newborn (Review)
- 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 -
- community facility integration in newborn care
- Decision making about management and referral
- Bereavement counseling
- Drugs used for high risk newborns
- Maintenance of records and reports

Unit V

- Assessment and management of women with gynecological disorders
- 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
  - 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
  - Infertility - definition, causes

  - Counseling the infertile couple
  - Investigations - male and female
  - Artificial reproductive technology
  - Surrogacy, sperm and ovum donation, cryopreservation
- 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

Skill lab and clinical practicum

VII SEMESTER

MIDWIFERY/OBSTETRICS AND GYNECOLOGY (OBG) NURSING - II

Practicum

SKILL LAB & CLINICAL: Skill Lab - 1 Credit (40 hours); Clinical - 4 Credits (320 hours)

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

- Identify, stabilize and refer antenatal women with complications
- Provide care to antenatal women with complications
- Provide post abortion care& counselling
- Assist in the conduction of abnormal vaginal deliveries and caesarean section.
- Demonstrate skills in resuscitating the newborn
- Assist and manage complications during labour
- Identify postnatal and neonatal complications, stabilize and refer them
- Provide care for high risk antenatal, intranatal and postnatal women and their families using nursing process approach
- Provide care for high risk newborn
- Assist in advanced clinical procedures in midwifery and obstetric nursing
- Provide care for women during their non childbearing period.
- Assess and care for women with gynecological disorders
- Demonstrate skills in performing and assisting in specific gynecological procedures
- Counsel and care for couples with infertility

SKILL LAB: Procedures/Skills for demonstration and return demonstration:

- Antenatal assessment and identification of complications
- Post abortion care & counseling
- Counseling antenatal women for complication readiness
- Mechanism of labour - abnormal

- Assisting in the conduction of abnormal vaginal deliveries and caesarean section.
- Management of complications during pregnancy/labour/post partum (case studies/simulated scenarios)
- Administration of Inj. Magnesium sulphate
- Starting and maintaining an oxytocin drip for PPH
- Management of PPH - Bimanual compression of uterus
- Management of PPH - Balloon tamponade
- Instruments used in obstetrics and gynecology
- Visual inspection of cervix with acetic acid
- Cervical biopsy
- Breast examination
- Counseling of infertile couples

CLINICAL POSTINGS (8 weeks × 40 hours per week = 320 hours)

Antenatal OPD/ infertility clinics/ Reproductive medicine and antenatal ward

- Kick chart, DFMC
- Assist in NST/CTG/USG
- Assisting in advanced diagnostic procedures
- Care of antenatal women with complications in pregnancy
- Antenatal counselling
- Preparation for childbirth, Birth preparedness and complication readiness
- Post abortion care
- Post abortion counselling
- Counselling infertile couples

Clinical requirements

- Antenatal palpation
- Health talk
- Case study

Labour room

- Assessment of woman in labour
- Partograph
- Pervaginal examination if indicated
- Obstetric examination
- Care during first stage of labour
- Pain management techniques
- Upright and alternative positions in labour
- Preparation for labour - articles, physical, psychological
- Conduction of normal childbirth

- Essential newborn care
- Newborn resuscitation
- Active management of third stage of labour
- Monitoring and care during fourth stage of labour
- Identification, stabilization, referal and assisting in management of prolonged labour, cervical dystocia, CPD, contracted pelvis
- Assist in the management of

Clinical requirements

- Partograph recording
- Pain management during labour
- Conduction of normal childbirth
- Assisting in abnormal deliveries
- Managing complication during labour
- Case study
- Case presentation
- abnormal deliveries - posterior position, breech deliveries, twin deliveries, vacuum extraction, forceps delivery, shoulder dystocia
- Assist in cervical encerclage procedures, D&C, D&E
- Identify, assist and manage trauma to the birth canal, retained placenta, post partum hemorrhage, uterine atony
- Management of obstetric shock

Postnatal Ward

- Postnatal history collection and physical examination
- Identify postnatal complications
- Care of postnatal mothers - abnormal deliveries, caesarean section
- Care of normal newborn
- Lactation management
- Postnatal counselling
- Health teaching on postnatal and newborn care
- Family welfare counselling

Clinical requirements

- Health talk
- Postnatal assessment
- Newborn assessment
- Case studies
- Case presentation
- PPIUCD insertion and removal

Neonatal Intensive Care Unit

- Neonatal assessment - identification of complication, congenital anomalies.
- Observation of newborn
- Neonatal resuscitation
- Phototherapy and management of jaundice in newborn
- Assist in Exchange transfusion
- Neonatal feeding - spoon and katori, paladai, NG tube
- Care of baby in incubator, ventilator, warmer
- Infection control in the nursery
- Neonatal medications
- Starting IV line for newborn, drug calculation

Clinical requirements

- Case study
- Case presentation
- Assignments
- Simulated practice

Obstetric/ Gynae operation theatre & Gynecology

- Observe/Assist in caesarean section
- Management of retained placenta

Clinical requirements

- Assisting in obstetric and gynecological surgery
- Tray set-up for

ward

- Gynecological surgeries
- Hysterectomy
- Uterine rupture
- Care of women with gynecological conditions
- Health education

Clinical requirements

- caesarean section
- Care plan

Note: Completion of safe delivery App module during VII Semester

Clinical skills logbook

- ANTENATAL CARE
- Health assessment of antenatal woman
- History Taking including obstetrical score, Calculation of EDD, gestational age

- Physical examination: head to foot
- Obstetrical examination including Leopards maneuvers & auscultation of Fetal heart sound (fetoscope/stethoscope/ Doppler)
- Diagnostic tests
- Urine pregnancy test/card test
- Estimation of hemoglobin using Sahle's hemoglobinometer
- Advice/assist in HIV/HBsAg/ VDRL testing
- Preparation of peripheral smear for malaria
- Urine testing for albumin and sugar
- Preparation of mother for USG
- Kick chart/DFMC (Daily Fetal and Maternal Chart)
- Preparation and recording of CTG/NST
- Antenatal counseling for each trimester including birth preparedness and complication readiness
- Childbirth preparation classes for couples/family
- Administration of Td/TT
- Prescription of iron & folic acid and calcium tablets
- Competencies/Skills
- INTRANATAL CARE
- Identification and assessment of woman in labour
- Admission of woman in labour
- Performing/assisting CTG
- Vaginal examination during labour including Clinical pelvimetry
- Plotting and interpretation of partograph
- Preparation for birthing/delivery
- physical and psychological
- Setting up of the birthing
- room/delivery unit and
- newborn corner/care area
- Pain management during labour-non-pharmacological
- Supporting normal births/conduct normal childbirth in upright positions/evidence based
- Essential newborn care
- Basic newborn resuscitation
- Management of third stage of labour - Physiologic management/active management (AMTSL)
- Examination of placenta
- Care during fourth stage of labour
- Initiation of breast feeding and lactation management

- Infection prevention during labour and newborn care
- POSTNATAL CARE
- Postnatal assessment and care
- Perineal/episiotomy care
- Breast care
- Postnatal counseling-diet, exercise & breast feeding
- Competencies/Skills
- Preparation for discharge
- NEWBORN CARE
- Assessment of newborn
- Weighing of newborn
- Administration of Vitamin K
- Neonatal immunization - Administration of BCG, Hepatitis B vaccine
- Identification of minor disorders of newborn and their management
- CARE OF WOMEN WITH ANTENATAL, INTRANATAL & POSTNATAL COMPLICATIONS
- High risk assessment - identification of antenatal complications such as pre-eclampsia, anemia, GDM, Antepartum hemorrhage etc.
- Post abortion care & counseling
- Glucose challenge test/Glucose Tolerance test
- Identification of fetal distress and its management
- Administration of MgSo4
- Administration of antenatal corticosteroids for preterm labour
- Assisting with Medical induction of labour
- Assist in Surgical induction - stripping and artificial rupture of membranes
- Episiotomy (only if required) and repair
- Preparation for emergency/ elective caesarean section
- Assisting in caesarean section
- Preparation of mother and assist in vacuum delivery
- Identification and assisting in management of malpresentation and malposition during labour
- Preparation and assisting in low
- Competencies/Skills
- forceps operation
- Preparation and assisting in emergency obstetric surgeries
- Prescription/administration of fluids and electrolytes through intravenous route
- Assisting in procedures
- Assisting in Manual removal of the placenta

- Assisting in Bimanual compression of uterus/Balloon tamponade for atonic uterus
- Assisting in Aortic compression for PPH
- Identification and first aid management of PPH & obstetric shock
- Assisting in management of obstetric shock
- Identification and assisting in management of puerperal sepsis and administration of antibiotics
- Management of breast engorgement and infections
- Management of thrombophlebitis
- HIGH RISK NEWBORN (Some aspects of high risk newborn care are included in Child Health Nursing)
- Identification of high-risk newborn
- Care of neonate under radiant warmer
- Care of neonate on phototherapy
- Referral and transportation of high risk newborn
- Parental counselling - sick neonate and neonatal loss
- FAMILY WELFARE
- Postpartum Family planning counseling
- Postpartum family planning - Insertion and removal of PPIUCD/PAIUCD
- Competencies/Skills
- Counselling of the woman for Postpartum sterilization
- Preparation and assisting in tubectomy
- OTHER PROCEDURES
- Preparation and assisting for D&C/D&E operations
- Observation/Assisting in Manual Vacuum Aspiration
- Assessment of women with gynaecological disorders
- Assisting/performing Pap smear
- Performing Visual inspection of cervix with acetic acid
- Assisting/observation of cervical punch biopsy/ Cystoscopy/Cryosurgery
- Assisting in gynecological surgeries
- Postoperative care of woman with gynecological surgeries
- Counsel on Breast self-examination
- Counseling couples with infertility
- Completion of safe delivery app with certification

Clinical requirements

VI & VII SEMESTER - MIDWIFERY/OBSTETRICS AND GYNECOLOGY (OBG) NURSING I & II

Antenatal assessment and care - 20

Postnatal assessment and care - 15

Assessment of labour using partograph - 10

Per vaginal examination - 10

Observing normal childbirths/deliveries- 10

Assisting in conduction of normal childbirth - 10

Conduction of normal deliveries - 10

- Assisting in abnormal/instrumental deliveries - 5
- Performing placental examination - 5
- Episiotomy and suturing (only if indicated)- 3
- Assist/observe Insertion of PPIUCD-2
- Newborn assessment - 10
- Newborn resuscitation - 5
- Kangaroo mother care - 2
- Nursing Care Plan/Clinical presentation with Drug Study
- Antenatal care
- Normal (care plan) - 1
- High risk (case study/Clinical presentation) - 1
- Intrapartum care
- High risk (Clinical presentation) - 1
- Postnatal care
- Normal (care plan) - 1
- High risk (Clinical presentation) - 1
- Newborn care
- Normal (care plan) - 1
- Gynecological condition
- Care plan - 1
- Health talk - individual/group - 2
- Counseling mothers and family members
- Visit to
- Peripheral health facility/Laqshya certified labour room
- Infertility centre (Virtual/videos)
- Completion of SBA module
- Completion of safe delivery app

Curriculum Update

- The INC corrigendum revises the clinical outcome to post-abortion care and counselling, and updates the shared logbook and requirements.

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