

**STUDY & EVALUATION SCHEME
OF
BACHELOR OF SCIENCES
IN
NURSING
(B.Sc. NURSING)**

(B.Sc. NURSING - IV YEAR/ VII SEMESTER)



[Applicable w.e.f. Academic Session 2021-22 till revised]

**INTEGRAL UNIVERSITY,LUCKNOW
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(Syllabus approved by Board of Study, Faculty Board, Academic Council, Executive Council of the Integral University, Lucknow)

STUDY & EVALUATION SCHEME

BACHELOR OF SCIENCES IN NURSING

(B.Sc. NURSING)

(W.e.f. July 2020)

IV – Year

VII - Semester

S. No.	Code No.	Name of the Subject	Periods			Credits	Evaluation Scheme				Subject Total
			L	T	P		Sessional		Exam		
							CT	TA	Total	ESE	
1.	NR401	Community Health Nursing-II	4	1	0	5	15	10	25	75	100
2	NR402	Nursing Research & Statics	2	0	4	4	15	10	25	75	100
3.	NR403	Midwifery / Obstetrics and Gynecology (OBG) Nursing (I&II)	2	1	0	3	15	10	25	75	100
4	NR404	Community Health Nursing-II Lab	0	0	2	1	30	20	50	50	100
5	NR405	Midwifery / Obstetrics and Gynecology (OBG) Nursing Lab (I&II)	0	0	2	1	30	20	50	50	100
6	NR406	Clinical Posting	0	0	0	0	0	0	0	0	0
		Total	8	2	8	14	105	70	175	325	500

L: Lecture

T: Tutorials

P: Practical

C: Credit

CT: Class Test

TA: Teacher Assessment

ESE: End Semester Examination

Sessional Total: Class Test + Teacher Assessment

Subject Total: Sessional Total + End Semester Examination (ESE)

COMMUNITY HEALTH NURSING-II NR401

PLACEMENT: VII SEMESTER

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THEORY: 5 Credits (100 Hours)
LAB: 1 Credit (10Hours)
CLINICAL POSTING: 2 Credits (160Hours)

DESCRIPTION: This course is designed to help students gain board 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 programme, 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 = I MANAGEMENT OF COMMON CONDITIONS AND EMERGENCIES INCLUDING FIRST AID & REPRODUCTIVE, MATERNAL, NEWBORN, CHILD AND ADOLESCENT HEALTH (REVIEW FROM OBG NURSING AND APPLICATION IN COMMUNITY SETTINGS)

(30 hours)

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

REPRODUCTIVE, MATERNAL, NEWBORN, CHILD AND ADOLESCENT HEALTH (REVIEW FROM OBG NURSING AND APPLICATION IN COMMUNITY SETTINGS)

- 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 center 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 follow up-pretern 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, Diarrhea, 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
- Counseling for parents and teen agers

National Programmes

- RMNCH +A Approach – Aims, health systems strengthening, RMNCH +A strategies, interventions across life stages, programme management, monitoring and evaluation systems
- Universal Immunization Programme as per Government of India guidelines – Review
- Rashtriya Bal Swasthya Karyakaram (RSBK) – children
- Rashtriya Kishor Swasthya Karyakaram (RKSK) – adolescents
- Other new programmes

UNIT – II DEMOGRAPHY, SURVEILLANCE AND INTERPRETATION OF DATA, POPULATION AND ITS CONTROL & OCCUPATIONAL HEALTH (15 Hours)

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 random and nonrandom techniques
- Disaggregation of data

POPULATION AND ITS CONTROL

- Population Explosion and its impact on Social Economic development of individual , society and country
- 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 norms 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

OCCUPATIONAL HEALTH

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

UNIT = III GERIATRIC HEALTH CARE, MENTAL HEALTH DISORDERS, HEALTH MANAGEMENT INFORMATION SYSTEM (HMIS) & MANAGEMENT OF DELIVERY OF COMMUNITY HEALTH SERVICES (28 Hours)

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 programme for health care of elderly (NPHCE)
- State level programmes / 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

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 Programme
- National mental health programme
- 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

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
- Source 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

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 system, Indigenous health services

UNIT = IV LEADERSHIP, SUPERVISION AND MONITORING (15 Hours)

- Understanding work responsibilities / job description of DPHN, Health Visitor, PHN, MPH (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, compositions and roles & responsibilities
- Health team management
- *Review:* Leadership & supervision - concepts, principles and methods
- Leadership in health: leadership approaches in healthcare settings, taking control of health of community and organizing health camps, village clinics
- Training, supportive supervision and monitoring - concepts, principles and process Eg. 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 & 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 advantages of EHR
- **Nurses' responsibility in record keeping and reporting**

UNIT =V DISASTER MANAGEMENT, BIO-MEDICAL WASTE MANAGEMENT & HEALTH AGENCIES INTERNATIONAL (12 Hours)

DISASTER MANAGEMENT

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

BIO-MEDICAL WASTE MANAGEMENT

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

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)

RECOMMENDED BOOKS:

1. **Essential Of Community Health Nursing, BT Basavanthappa, Jaypee Publishers**
2. **Textbook Of Community Health Nursing II , Prof. R.P. Sharma, Lotus Publication, 3rd Edition**
3. **Textbook Of Preventive And Social Medicine, K Park, Bhanot, 25th Edition**
4. **Swarnkar's Community Health Nursing , Keshav Swarnkar, NR Brothers, 3rd Edition**
5. **Community Health Nursing, Kk Gulani, Kumar Publication, 2nd Edition**

NURSING RESEARCH AND STATISTICS – NR402

PLACEMENT	:	V SEMESTER
THEORY	:	2 Credits (40 hrs)
		Lab: 1 Credit (40 Hours)
		Clinical Project – 40 Hours

DESCRIPTION: This 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 utilized the research findings to provide quality nursing care. The hours for practical will be utilized for conducting individual / group research project

COMPETENCIES:

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

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

UNIT = I RESEARCH AND RESEARCH PROCESS, RESEARCH PROBLEM / QUESTION & REVIEW OF LITERATURE N (10 Hours)

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

RESEARCH PROBLEM / QUESTION

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

REVIEW OF LITERATURE

- Location
- Sources
- On line search: CINHAI, COCHRANE etc.
- Purposes
- Method of review

UNIT = II RESEARCH APPROACHES AND DESIGNS & SAMPLING AND DATA COLLECTION (10 Hours)

RESEARCH APPROACHES AND DESIGNS

- Historical, survey and experimental
- Qualitative and quantitative designs

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
 - Method 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 = III ANALYSIS OF DATA (04 Hours)

ANALYSIS OF DATA

- Compilation, tabulation, classification, summarization, presentation, interpretation of data

UNIT = IV INTRODUCTION TO STATISTICS

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 = V COMMUNICATION AND UTILIZATION OF RESEARCH

(04 Hours)

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

MIDWIFERY / OBSTETRIC AND GYNECOLOGY NURSING-II NR403

PLACEMENT: VII SEMESTER

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THEORY 3 Credits (60 Hours)

SKILL LAB: 1 Credit (40 Hours)

CLINICAL: 4 Credit (320Hours)

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 condition 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 complication 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 procedure
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 programmes 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 = I RECOGNITION AND MANAGEMENT OF PROBLEMS DURING PREGNANCY (12 hrs)

CONTENT:

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
 - ❖ Bleeding in late pregnancy placenta previa, abruption placenta, trauma
 - ❖ Medical conditions complicating pregnancy, Anemia, PIH, GDM, Cardiac disease , pulmonary disease, thyrotoxicosis, STDs, HIV, Rh incompatibility
 - ❖ Infections in pregnancy - urinary tract infection, bacterial, viral, protozoal, fungal
 - ❖ Surgical conditions complicating pregnancy: appendicitis, acute abdomen
 - ❖ Hydramnios
 - ❖ Multiple pregnancy
 - ❖ Abnormalities of placenta and cord
 - ❖ Intra uterine growth restriction
 - ❖ Intra uterine fetal death
 - ❖ Gynecological conditions complicating pregnancy
 - ❖ Mental health issues during pregnancy
 - ❖ Adolescent pregnancy, elderly primi, grand multiparity
 - ❖ Management and care of conditions as per the protocol
 - ❖ Policy for the referral services
 - ❖ Drugs used in management of high risk pregnancies
 - ❖ Maintenance of records and reports

UNIT = II RECOGNITION OF DEVIATIONS FROM THE NORMAL AND MANAGEMENT DURING LABOUR

(20hours)

RECOGNITION OF DEVIATIONS FROM THE NORMAL AND MANAGEMENT DURING 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 (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**)
- Obstetrics emergencies - Ruptured uterus, obstetrical shock, Amniotic fluid embolism, Foetal distress, Cord prolapse, Shoulder dystocia, Uterine inversion, Vasa previa
- Episiotomy and suturing
- Obstetric procedures - Forceps delivery, Vacuum delivery Version
- Manual removal of the placenta
- Introduction of labour - medical & surgical
- Caesarean section: indications and preparation
- Nursing management of women undergoing obstetrical operations and procedures
- Drugs used in management of abnormal labour
- Anesthesia and analgesia in obstetrics

UNIT = III RECOGNITION AND MANAGEMENT OF POSTNATAL PROBLEMS (09 Hours)

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 blues / psychosis
- ❖ Drugs used in abnormal puerperium
- ❖ Policy about referral

UNIT= IV ASSESSMENT AND MANAGEMENT OF HIGH RISK NEWBORN (REVIEW) (7 Hours)

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, postmaturity
- 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 programme - community facility integration in newborn care
- Decision making about management and referral
- Integrated Management of Neonatal Childhood Illness (IMNCI)
- Bereavement counseling
- Drugs used for high risk newborns
- Maintenance of records and reports

UNIT = IV ASSESSMENT AND MANAGEMENT OF WOMEN WITH GYNECOLOGICAL DISORDERS (12hrs)

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 disorder of female reproductive system
- ❖ Menstrual abnormalities
- ❖ Abnormal uterine bleed
- ❖ Pelvic inflammatory disease
- ❖ Infections of the reproductive tract
- ❖ Uterine displacement
- ❖ Endometriosis
- ❖ Uterine and cervical fibroids and polyps
- ❖ Tumor - 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 gynecological disorders

UNIT = V

(8Hours)

FAMILY PLANNING AND FAMILY WELFARE PROGRAMME

- *Review:* Vital indicators - Maternal mortality ratio, infant mortality rate, neonatal mortality rate, perinatal mortality rate, fertility rates
- Maternal death audit
- National health mission
- National programmes related to maternal newborn child health and adolescent services
- **Family welfare services**
- ❖ Planned parenthood

- ❖ Impact of early / frequent childbearing
- ❖ Comprehensive range of family planning methods - Action, effectiveness, advantages, disadvantages, myths, misconception and medical eligibility criteria (MEC) for use of various family planning methods
- ❖ Emergency contraceptives
- ❖ Family planning counseling using balanced counseling strategies (BCS)
- ❖ Importance of follow up and recommended timing
- ❖ Unintended or mistimed pregnancy
- ❖ Post abortion counseling
- Recent trends and research in contraception

RECOMMENDED BOOKS:

- 1. Text Book Obstetrics, Dc Dutta, Jaypee Brothers, 9th Edition**
- 2. A Comprehensive Textbook Of Midwifery & Gynecological Nursing, Annamma Jacob, Jaypee, 5th Edition**
- 3. Midwifery & Obstetrical Nursing, Nima Bhaskar, Emmesspublication, 2nd Edition**
- 4. Midwifery & Gynecological Nursing, Pawan Kumar Sharma, Jaypee Brothers**

**Lab Credit 1: (10 hours)
CLINICAL POSTING =4 Weeks x 40 hrs per week**

LAB & CLINICAL POSTING

CLINICAL AREA UNIT: URBAN / RURAL

DURATION IN WEEKS: 2 + 2

PROCEDURAL COMPETENCIES/CLINICAL SKILLS:

- 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 counseling
- Distribution of temporary contraceptives- condoms. OCP s, emergency contraceptives
- 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

RECOMMENDED BOOKS:

1. **Essential Of Community Health Nursing, BT Basavanthappa, Jaypee Publishers**
2. **Textbook Of Community Health Nursing , Prof. R.P. Sharma, Lotus Publication, 3rd Edition**
3. **Community Health Nursing, Kk Gulani, Kumar Publication, 2nd Edition**

MIDWIFERY / OBSTETRIC AND GYNECOLOGY NURSING-II

LAB – NR405

(Skill Lab & Clinical)

PLACEMENT: VII SEMESTER

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Skill Lab: 40 (1 Credit)

Clinical: 320 HRS

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

1. Identify and refer antenatal mothers with complication
2. Conduct labour and delivery
3. Demonstrate skills in resuscitation 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 programmes
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. Counseling antenatal women - complication readiness
3. PV examination
4. Plotting and interpretation of partograph
5. Preparation of delivery - setting up labour room, articles, equipment
6. Mechanism of labour - normal and abnormal
7. Conduction of delivery with essential newborn care
8. Achieve 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 counseling
21. PPIUCD insertion
22. Instruments used in obstetrics and gynecology
23. Visual inspection of cervix with acetic acid
24. Cervical biopsy
25. Breast examination

RECOMMENDED BOOKS:

1. **Nine Clinical Nursing Procedure, Sandhay Ghai, Cbs Publication, 2nd Edition**
2. **A Comprehensive Textbook Of Midwifery & Gynecological Nursing, Annamma Jacob, Jaypee, 5th Edition**

CLINICAL POSTINGS NR406

14 weeks x 40 hours / week

CLINICAL AREA UNIT: ANTENATAL OPD INCLUDING INFERTILITY CLINICS / REPRODUCTIVE MEDICINE, FAMILY WELFARE AND POST PARTUM CLINICS / PTCT CENTER / ANTENATAL WARD

DURATION IN WEEKS: 2

PROCEDURAL COMPETENCIES/CLINICAL SKILLS:

- Pregnancy confirmation test
- History collection
- Physical examination
- Obstetric examination
- Urine testing
- Blood testing for Hemoglobin
- Blood test for malaria
- Blood test for grouping and typing
- Kick chart, DFMC
- Assist in NST / CTG / USG
- Care of mothers with complications in pregnancy
- Antenatal counseling
- Antenatal interventions
- Preparation for childbirth
- Birth preparedness and complication readiness

CLINICAL AREA UNIT: POSTNATAL WARD

DURATION IN WEEKS: 2

PROCEDURAL COMPETENCIES/CLINICAL SKILLS:

- Postnatal history collection and physical examination
- Identify postnatal complications
- Post abortion care
- Post abortion counseling
- Care of postnatal mothers - normal, Caesarean section

- Care of normal newborn
- Lactation management
- Postnatal counseling
- Health teaching on postnatal and newborn care
- Family welfare counseling

CLINICAL AREA UNIT: LABOUR ROOM

DURATION IN WEEKS: 4

PROCEDURAL COMPETENCIES/CLINICAL SKILLS:

- Assessment of woman in labour
- Partograph
- Pervaginal examination if indicated
- Obstetric examination
- Care during first stage of labour
- Pain management techniques
- Positions in labour
- Preparation for labour - articles, physical, psychological
- Conduction of normal delivery
- Essential newborn care
- Newborn resuscitation
- Active management of third stage of labour
- Monitoring and care during fourth stage of labour
- Identification and management of prolonged labour, cervical dystocia, CPD, contracted pelvis
- Assist in the management of abnormal deliveries - posterior position, breech deliveries, twine deliveries, vacuum extraction, forceps delivery, shoulder dystocia
- Assist in cervical encercilage procedures, D&C, D&E
- Management of trauma to the birth canal, retained placenta, post partum hemorrhage, uterine atony
- Management of obstetric shock

CLINICAL AREA UNIT: NEONATAL INTENSIVE CARE UNIT

DURATION IN WEEKS: 2

PROCEDURAL COMPETENCIES/CLINICAL SKILLS:

- Neonatal assessment - identification of complication, congenital anomalies
- Observation of newborn
- Neonatal resuscitation
- Phototherapy and management of jaundice in newborn

- Assist in exchange transfusion
- Care of baby in incubator, ventilator, warmer
- Infection control in the nursery
- Neonatal medications
- Neonatal feeding - spoon and katori, paladia, NG tube
- Starting IV line for newborn, drug calculation
- Assist in advanced neonatal procedures

CLINICAL AREA UNIT: OBSTETRIC GYNAE OPERATION THEATRE

DURATION IN WEEKS: 1

PROCEDURAL COMPETENCIES/CLINICAL SKILLS:

- Observe / assist in Caesarean section
- Management of retained placenta
- Gynecological surgeries
- Hysterectomy
- Uterine rupture

CLINICAL AREA UNIT: GYNECOLOGY WARD

DURATION IN WEEKS: 2

PROCEDURAL COMPETENCIES/CLINICAL SKILLS:

- Care of women with gynecological conditions
- Vaginal douche application
- Health education

CLINICAL AREA UNIT: CHC, PHC, SC / COMMUNITY MIDWIFRY

DURATION IN WEEKS: 1

PROCEDURAL COMPETENCIES/CLINICAL SKILLS:

- Conduction of antenatal and postnatal clinics
- Conduction of other special clinics and camps - Tubectomy, vasectomy
- Tracking every pregnancy - RCH number