B.Sc. Nursing Syllabus

Semester VI

Subjects

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Curriculum sources

Click here to open the original curriculum

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Child Health Nursing II

40 hours theory | 80 hours clinical | 3 credits

Course description

This course is designed for developing an understanding of the modern approach to child-care, identification, prevention and nursing management of common health problems of neonates and children.

Learning outcomes

- Apply the knowledge of pathophysiology and provide nursing care to children with Cardiovascular, GI, genitourinary, nervous system disorders, orthopedic disorders, eye, ear and skin disorders and communicable diseases
- Provide care to children with common behavioural, social and psychiatric problems
- Manage challenged children
- Identify the social and welfare services for challenged children

Theory

Unit 1

- Cardiovascular system:
- Identification and Nursing management of congenital malformations
- Congenital heart diseases: Cyanotic and Acyanotic (ASD,VSD, PDA,TOF)
- Others: Rheumatic fever and Rheumatic heart disease, Congestive cardiac failure
- Hematological conditions:
- Congenital: Hemophilia, Thalassemia
- Others: Anemia, Leukemia, Idiopathic thrombocytopenic purpura, Hodgkins and non-hodgkins lymphoma
- Gastro-intestinal system:
- Identification and Nursing management of congenital malformations.
- Congenital: Cleft lip, Cleft palate, Congenital hypertrophic pyloric stenosis, Hirschsprungs disease (Megacolon), Anorectal malformation, Malabsorption syndrome, Abdominal wall defects, Hernia
- Others: Gastroenteritis, Diarrhea, Vomiting, Protein energy malnutrition, Intestinal obstruction, Hepatic diseases, intestinal parasites
- Genitourinary urinary system:
- Identification and Nursing management of congenital malformations.
- Congenital: Wilms tumor, Extropy of bladder, Hypospadias, Epispadias, Obstructive uropathy
- Others: Nephrotic syndrome, Acute glomerulonephritis, renal failure
- Nervous system:
- Identification and Nursing management of congenital malformations
- Congenital: Spina bifida, Hydrocephalous.

- Others: Meningitis, Encephalitis, Convulsive disorders (convulsions and seizures), Cerebral palsy head injury

Unit II

- Orthopedic disorders:
- Club foot
- Hip dislocation and
- Fracture
- Disorder of eye, ear and skin:
- Refractory errors
- Otitis media and
- Atopic dermatitis
- Communicable diseases in children, their identification/ diagnosis, nursing management in hospital, in home, control & prevention:
- Tuberculosis
- Diphtheria
- Tetanus
- Pertussis
- Poliomyelitis
- Measles
- Mumps, and
- Chickenpox
- HIV/AIDS
- Dengue fever
- COVID-19

Unit III

- Management of behavior and social problems in children
- Child Guidance clinic
- Common behavior disorders in children and management
  - Enuresis and Encopresis
  - Nervousness
  - Nail biting
  - Thumb sucking
  - Temper tantrum
  - Stealing
  - Aggressiveness
  - Juvenile delinquency

  - School phobia
  - Learning disability
- Psychiatric disorders in children and management
  - Childhood schizophrenia
  - Childhood depression
  - Conversion reaction
  - Posttraumatic stress disorder
  - Autistic spectrum disorders
- Eating disorder in children and management
  - Obesity
  - Anorexia nervosa
  - Bulimia
- Management of challenged children.
  - Mentally
  - Physically
  - Socially
  - Child abuse,
  - Substance abuse
- Welfare services for challenged children in India

CHILD HEALTH NURSING - II - CLINICAL PRACTICUM (1 Credit - 80 hours)

Given under Child Health Nursing - I as I & II

Shared clinical practicum

Clinical: V SEMESTER - 2 Credits (160 hours)

VI SEMESTER - 1 Credit (80 hours)

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

- Perform assessment of children: health, developmental & anthropometric.
- Provide nursing care to children with various medical disorders.
- Provide pre & postoperative care to children with common pediatric surgical conditions/ malformation.
- Perform immunization as per NIS.
- Provide nursing care to critically ill children.
- Give health education/nutritional education to parents.
- Counsel parents according to identified counseling needs.

Skill Lab

Use of Manikins and Simulators

PLS, CPAP, Endotracheal Suction

Pediatric Nursing Procedures:

- Administration of medication - Oral, IM & IV
- Oxygen administration
- Application of restraints
- Specimen collection
- Urinary catheterization and drainage
- Ostomy care
- Feeding - NG, gastrostomy, Jejunostomy
- Wound dressing
- Suture removal

Clinical postings

8 weeks × 30 hours per week (5 weeks + 3 weeks)

Pediatric Medical Ward

- Taking pediatric history
- Physical examination & assessment of children
- Administration of oral, I/M, & I/V medicine/fluids
- Calculation of fluid replacement
- Preparation of different strengths of I/V fluids
- Application of restraints
- Administration of O2 inhalation by different methods
- Baby bath/sponge bath
- Feeding children by Katori spoon, Paladai cup
- Collection of specimens for common investigations
- Assisting with common diagnostic procedures
- Teaching mothers/ parents
  - Malnutrition
  - Oral rehydration therapy
  - Feeding & Weaning
  - Immunization schedule
- Play therapy

Clinical requirements

- Nursing care plan
- 1
- Case study presentation - 1
- Health talk - 1

Pediatric Surgical Ward

- Calculation, preparation & administration of I/V fluids
- Bowel wash, insertion of suppositories
- Care for ostomies:
  - Colostomy Irrigation
  - Ureterostomy
  - Gastrostomy
  - Enterostomy
- Urinary catheterization & drainage
- Feeding
  - Naso-gastric
  - Gastrostomy

Clinical requirements

- Nursing care plan - 1
- Case study/ presentation - 1
  - Jejunostomy
- Care of surgical wounds
  - Dressing
  - Suture removal

Pediatric OPD/ Immunization room

- Assessment of children
  - Health assessment
  - Developmental assessment
  - Anthropometric assessment
  - Nutritional assessment
- Immunization
- Health/Nutritional education

Clinical requirements

- Growth and developmental study:
- Infant - 1
- Toddler - 1
- Preschooler - 1
- Schooler - 1
- Adolescent - 1

NICU & PICU

- Care of a baby in incubator/warmer

- Care of a child on ventilator, CPAP
- Endotracheal Suction
- Chest Physiotherapy
- Administration of fluids with infusion pumps
- Total Parenteral Nutrition
- Phototherapy
- Monitoring of babies
- Recording & reporting
- Cardiopulmonary Resuscitation (PLS)

Clinical requirements

- Newborn assessment - 1
- Nursing Care Plan - 1

Clinical skills logbook

Practical and clinical

- ER - CHILD HEALTH NURSIN

I PEDIA

- AL

Health a

- hysical examination and nutritional

1 Neonate

2 Infant

3 Toddler

4 Prescho

5 Schoole

Clinical skills and requirements

- Competencies/Skills
- Adolescent
- Administration of medication/fluids - Calculation, preparation and administration of medication
- Oral
- I/M
- I/V
- Intradermal
- Subcutaneous
- Calculation of fluid requirements
- Preparation of different strengths of I/V fluids

- Administration of IV fluids
- Application of restraints
- Administration of O2 inhalation by different methods
- Nasal Catheter/Nasal Prong
- Mask
- Oxygen hood
- Baby bath/sponge bath
- Baby bath/sponge bath
- Feeding children by Katori & spoon/paladai, cup
- Collection of specimens for common investigations
- Urine
- Stool
- Blood
- Assisting with common diagnostic procedures
- (Lumbar puncture, bone marrow aspiration)
- Health education to mothers/parents - Topics
- Prevention and management of Malnutrition
- Prevention and management of diarrhea (Oral rehydration therapy)
- Feeding & Complementary feeding
- Competencies/Skills
- Immunization schedule
- Play therapy
- Conduct individual and group play therapy sessions
- Prevention of accidents
- Bowel wash
- Administration of suppositories
- Care for ostomies:
- Colostomy Irrigation
- Ureterostomy
- Gastrostomy
- Enterostomy
- Urinary catheterization & drainage
- Feeding
- Naso-gastric
- Gastrostomy
- Jejunostomy

- Care of surgical wounds
- Dressing
- Suture removal
- PEDIATRIC OPD/IMMUNIZATION ROOM
- Growth and Developmental assessment of children
- Infant
- Toddler
- Preschooler
- Schooler
- Adolescent
- Administration of vaccination
- Health/Nutritional education
- NICCU/PICU
- Assessment of newborn
- Care of preterm/LBW newborn
- Competencies/Skills
- Kangaroo care
- Neonatal resuscitation
- Assisting in neonatal diagnostic procedures
- Feeding of high risk newborn - EBM (spoon/paladai)
- Insertion/removal/feeding - Naso/oro-gastric tube
- Administration of medication - oral/parenteral
- Neonatal drug calculation
- Assisting in exchange transfusion
- Organizing different levels of neonatal care
- Care of a child on ventilator/
- CPAP
- Endotracheal Suction
- Chest Physiotherapy
- Administration of fluids with infusion pumps
- Total Parenteral Nutrition
- Recording & reporting
- Cardiopulmonary Resuscitation - PLS

Clinical requirements

V & VI SEMESTER - CHILD HEALTH NURSING I & II

Pediatric medical

Nursing care plan - 1

Case presentation - 1

Health talk - 1

Surgical

Nursing care plan - 1

Case study/presentation - 1

OPD/Immunization Room

Growth and Developmental study:

i. Infant - 1

ii. Toddler - 1

iii. Preschooler - 1

NICCU/PICU

Newborn assessment - 1

Nursing Care Plan - 1

Kangaroo mother care - 2

Nursing care plan of high risk newborn - 1

Completion of ENBC module

Completion of FNBC module

Completion of IMNCI module

Completion of PLS module

Curriculum Update

- For Unit I, the INC corrigendum adds the national guidelines on facility-based management of severe acute malnutrition. It also updates the shared logbook.

Mental Health Nursing II

40 hours theory | 160 hours clinical | 4 credits

Course description

This course is designed to provide the students with basic understanding and skills essential to meet psychiatric emergencies and perform the role of community mental health nurse.

Learning outcomes

- Apply nursing process in providing care to patients with substance use disorders, and personality and sexual disorders.
- Apply nursing process in providing care to patients with behavioural and emotional disorders occurring during childhood and adolescence.
- Apply nursing process in providing care to patients with organic brain disorders.
- Identify and respond to psychiatric emergencies.
- Carry out crisis interventions during emergencies under supervision.
- Perform admission and discharge procedures as per MHCA 2017.
- Explore the roles and responsibilities of community mental health nurse in delivering community mental health services.

Theory

Unit I

- Nursing Management of Patients with Substance Use Disorders
- Prevalence and incidence
- Commonly used psychotropic substance: classifications, forms, routes, action, intoxication and withdrawal
- Psychodynamics/etiology of substance use disorder (Terminologies: Substance Use, Abuse, Tolerance, Dependence, Withdrawal)
- Diagnostic criteria/formulations
- Nursing Assessment: History (substance history), Physical, mental assessment and drug and drug assay
- Treatment (detoxification, antabuse and narcotic antagonist therapy and harm reduction, Brief interventions, MET, refusal skills, maintenance therapy) and nursing management of patients with substance use disorders
- Special considerations for vulnerable population
- Follow-up and home care and rehabilitation

Unit II

- Nursing Management of Patient with Personality and Sexual Disorders
- Prevalence and incidence
- Classification of disorders
- Etiology, psychopathology, characteristics, diagnosis

- Nursing Assessment: History, Physical and mental health assessment
- Treatment modalities and nursing management of patients with personality, and sexual disorders
- Geriatric considerations
- Follow-up and home care and rehabilitation

Unit III

- Nursing Management of Behavioural & Emotional Disorders occurring during Childhood and Adolescence (Intellectual disability, autism, attention deficit, hyperactive disorder, eating disorders, learning disorder)
- Prevalence and incidence
- Classifications
- Etiology, psychodynamics, Characteristics, diagnostic criteria/formulations
- Nursing Assessment: History, Physical, mental status examination and IQ assessment
- Treatment modalities and nursing management of childhood disorders including intellectual disability
- Follow-up and home care and rehabilitation

Unit IV

- Nursing Management of Organic Brain Disorders (Delirium, Dementia, amnestic disorders)
- Prevalence and incidence
- Classification
- Etiology, psychopathology, clinical features, diagnosis and Differential diagnosis
- Nursing Assessment: History, Physical, mental and neurological assessment
- Treatment modalities and nursing management of organic brain disorders
- Follow-up and home care and rehabilitation

Unit V

- Psychiatric Emergencies and Crisis Intervention
- Types of psychiatric emergencies (attempted suicide, violence/ aggression, stupor, delirium tremens and other psychiatric emergencies) and their managements
- Maladaptive behaviour of individual and groups, stress, crisis and disaster(s)
- Types of crisis
- Crisis intervention: Principles, Techniques and Process
- Stress reduction interventions as per stress adaptation model
- Coping enhancement
- Techniques of counseling

Unit VI

- Legal Issues in Mental Health Nursing
- Overview of Indian Lunacy Act and The Mental Health Act 1987
- (Protection of Children from Sexual Offence) POSCO Act

- Mental Health Care Act (MHCA) 2017
- Rights of mentally ill clients
- Forensic psychiatry and nursing
- Acts related to narcotic and psychotropic substances and illegal drug trafficking
- Admission and discharge procedures as per MHCA 2017
- Role and responsibilities of nurses in implementing MHCA 2017

Unit VII

- Community Mental Health Nursing
- Development of Community Mental Health Services:
- National mental health policy viz. National Health Policy
- National Mental Health Program
- Institutionalization versus Deinstitutionalization
- Model of Preventive psychiatry
- Mental Health Services available at the primary, secondary, tertiary levels including rehabilitation and nurses' responsibilities
- Mental Health Agencies: Government and voluntary, National and International
- Mental health nursing issues for special populations: Children, Adolescence, Women Elderly, Victims of violence and abuse, Handicapped, HIV/AIDS etc.

CLINICAL PRACTICUM - 2 Credits (80 hours)

Clinical Practicum for Mental Health Nursing - I & II are given under Mental Health Nursing - I Clinical Practicum

Shared clinical practicum

MENTAL HEALTH NURSING - I - 1 Credit (80 hours)

MENTAL HEALTH NURSING - II - 2 Credits (160 hours)

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

- Assess patients with mental health problems/disorders
- Observe and assist in various treatment modalities or therapies
- Counsel and educate patients and families
- Perform individual and group psychoeducation
- Provide nursing care to patients with mental health problems/disorders
- Motivate patients in the community for early treatment and follow up
- Observe the assessment and care of patients with substance abuse disorders in deaddiction centre.

Clinical postings

(8 weeks × 30 hours per week = 240 hours)

Psychiatric OPD (2 weeks)

- History taking

- Perform mental status examination (MSE)
- Observe/practice Psychometric assessment
- Perform Neurological examination
- Observing and assisting in therapies
- Individual and group psycho-education
  - Mental hygiene practice education
  - Family psycho-education

Clinical requirements

- History taking and Mental status examination - 2
- Health education
- 1
- Observation report of OPD

Child Guidance clinic (1 week)

- History & mental status examination
- Observe/practice psychometric assessment
- Observe and assist in various therapies
- Parental teaching for child with mental deficiency

Clinical requirements

- Case work - 1
- Observation report of different therapies - 1

Inpatient ward (4 weeks)

- History taking
- Mental status examination (MSE)
- Neurological examination
- Assisting in psychometric

Clinical requirements

- Give care to 2-3 patients with various mental disorders
- Case study - 1
- assessment
- Recording therapeutic communication
- Administration of medications
- Assist Electro-Convulsive Therapy (ECT)
- Participating in all therapies
- Preparing patients for Activities of Daily Living (ADL)
- Conducting admission and discharge counselling
- Counseling and teaching patients and families

Clinical requirements

- Care plan
- Clinical presentation - 1
- Process recording
- 2
- Maintain drug book

Community psychiatry & Deaddiction centre (1 week)

- Conduct home visit and case work
- Identifying individuals with mental health problems
- Assisting in organizations of Mental Health camp
- Conducting awareness meetings for mental health & mental illness
- Counseling and Teaching family members, patients and community
- Observing deaddiction care

Clinical requirements

- Case work - 1
- Observation report on field visits
- Visit to deaddiction centre

Clinical skills logbook

V & VI SEMESTER - MENTAL HEALTH NURSING I & II

PSCHIATRY OPD

History taking

Mental status examination (MSE)

Psychometric assessment (Observe/practice)

Neurological examination

Observing & assisting in therapies

Individual and group psycho education

Mental hygiene practice education

Family psycho-education

- Competencies/Skills
- CHILD GUIDANCE CLINIC
- History Taking & mental status examination
- Psychometric assessment
- (Observe/practice)
- Observing and assisting in various therapies
- Parental teaching for child with mental deficiency
- IN-PATIENT WARD

- History taking
- Mental status examination (MSE)
- Neurological examination
- Assisting in psychometric assessment
- Recording therapeutic communication
- Administration of medications
- Assisting in Electro-convulsive Therapy (ECT)
- Participation in all therapies
- Preparation of patients for Activities of Daily living (ADL)
- Conducting admission and discharge counseling
- Counseling and teaching patients and families
- COMMUNITY PSYCHIATRY & DEADDICTION CENTRE
- Conducting home visit and case work
- Identification of individuals with mental health problems
- Assisting in organizations of Mental Health camp
- Conducting awareness meetings for mental health & mental illness
- Counseling and Teaching family members, patients and community
- Observation of deaddiction care

Clinical requirements

V & VI SEMESTER - MENTAL HEALTH NURSING I & II

Psychiatry OPD

History taking and Mental status examination - 2

i.

- ii.
- Health education - 1
- Observation report of OPD
- Child guidance clinic
- Case work - 1
- Inpatient Ward
- Case study - 1
- Care plan - 2
- Clinical presentation1
- Process recording 2
- Maintain drug book
- Community psychiatry & Deaddiction centre

- Case work - 1
- Observation report on field visits
- Visit to deaddiction centre

Curriculum Update

- The programme credit table allocates 40 theory hours and 160 clinical hours to this course.

Nursing Management and Leadership

60 hours theory | 80 hours clinical | 4 credits

Course description

This course is designed to enable students to acquire knowledge and competencies in areas of administration, and management of nursing services and education. Further prepares the students to develop leadership competencies and perform their role as effective leaders in an organization.

Learning outcomes

- Analyze the health care trends influencing development of nursing services and education in India.
- Describe the principles, functions and process of management applied to nursing.
- Develop basic understanding and beginning competencies in planning and organizing nursing services in a hospital.
- Apply the concept of human resource management and identify the job description for all categories of nursing personnel including in service education.
- Discuss the principles and methods of staffing and scheduling in an individual hospital/nursing unit.
- Develop skill in management of materials and supplies including inventory control.
- Develop team working and inter professional collaboration competencies.
- Identify effective leadership styles and develop leadership competencies.
- Utilize the knowledge of principles and line of control and participate in quality management and evaluation activities.
- Utilize the knowledge related to financial planning in nursing services and education during budgetary process.
- Apply the knowledge of nursing informatics in maintenance of records and reports relevant to patient information, nursing care and progress.
- Demonstrate understanding of the INC guidelines for establishment and accreditation of educational institutions in terms of faculty norms, physical infrastructure and clinical facilities.
- Demonstrate beginning competencies in planning, organizing and staffing at college including implementation and evaluation of curriculum.
- Identify the legal issues and laws relevant to nursing practice and education.

15 Apply the knowledge and utilize the various opportunities for professional advancement.

Theory

Unit I

- Health Care and Development of Nursing Services in India
- Current health care delivery system of India - review
- Planning and development of nursing services and education at global and national scenario
- Recent trends and issues of nursing service and management

Unit II

- Management Basics Applied to Nursing
- Definitions, concepts and theories of management
- Importance, features and levels of management
- Management and administration
- Functions of management
- Principles of management
- Role of a nurse as a manager
- Introduction to Management Process
- Planning
- Organizing
- Staffing
- Directing/Leading
- Controlling
- MANAGEMENT OF NURSING SERVICES

Unit III

- Planning Nursing Services
- Vision, Mission, philosophy, objectives
- Nursing service policies, procedures and manuals
- Functional and operational planning
- Strategic planning
- Program planning - Gantt chart & milestone chart
- Budgeting - concepts, principles, types,
- Budget proposal, cost benefit analysis
- Planning hospital and patient care unit (Ward)
- Planning for emergency and disaster

Unit IV

- Organizing
- Organizing as a process - assignment, delegation and coordination
- Hospital - types, functions & organization
- Organizational development
- Organizational structure
- Organizational charts
- Organizational effectiveness
- Hospital administration, Control & line of authority
- Hospital statistics including hospital utilization indices

- Nursing care delivery systems and trends
- Role of nurse in maintenance of effective organizational climate

Unit V

- Staffing (Human resource management)
- Definition, objectives, components and functions
- Staffing & Scheduling
- Staffing - Philosophy, staffing activities
- Recruiting, selecting, deployment
- Training, development, credentialing, retaining, promoting, transfer, terminating, superannuation
- Staffing units - Projecting staffing requirements/calculation of requirements of staff resources Nurse patient ratio, Nurse Population ratio as per SIU norms/IPH Norms, and Patient classification system
- Categories of nursing personnel including job description of all levels
- Assignment and nursing care responsibilities
- Turnover and absenteeism
- Staff welfare
- Discipline and grievances
- In-Service Education
- Nature and scope of in-service education program
- Principles of adult learning - review
- Planning and organizing in-service educational program
- Methods, techniques and evaluation
- Preparation of report
- Material Resource Management
- Procurement, purchasing process, inventory control & role of nurse
- Auditing and maintenance in hospital and patient care unit

Unit VI

- Directing and Leading
- Definition, principles, elements of directing
- Supervision and guidance
- Participatory management
- Inter-professional collaboration
- Management by objectives
- Team management
- Assignments, rotations
- Maintenance of discipline
- Leadership in management

Unit VII

- Leadership
- Definition, concepts, and theories
- Leadership principles and competencies
- Leadership styles: Situational leadership, Transformational leadership
- Methods of leadership development
- Mentorship/preceptorship in nursing
- Delegation, power & politics, empowerment, mentoring and coaching
- Decision making and problem solving
- Conflict management and negotiation
- Implementing planned change

Unit VIII

- Controlling
- Implementing standards, policies, procedures, protocols and practices
- Nursing performance audit, patient satisfaction
- Nursing rounds, Documentation - records and reports
- Total quality management - Quality assurance, Quality and safety
- Performance appraisal
- Program evaluation review technique (PERT)
- Bench marking, Activity plan (Gantt chart)
- Critical path analysis

Unit IX

- Organizational Behavior and Human Relations
- Concepts and theories of organizational behavior
- Group dynamics
- Review - Interpersonal relationship
- Human relations
- Public relations in the context of nursing
- Relations with professional associations and employee unions
- Collective bargaining
- Review - Motivation and morale building
- Communication in the workplace - assertive communication
- Committees - importance in the organization, functioning

Unit X

- Financial Management
- Definition, objectives, elements, functions, principles & scope of financial management

- Financial planning (budgeting for nursing department)
- Proposal, projecting requirement for staff, equipment and supplies for - Hospital & patient care units & emergency and disaster units
- Budget and Budgetary process
- Financial audit

Unit XI

- Nursing Informatics/ Information Management - Review
- Patient records
- Nursing records
- Use of computers in hospital, college and community
- Telemedicine & Tele nursing
- Electronic Medical Records (EMR), EHR

Unit XII

- Personal Management - Review
- Emotional intelligence
- Resilience building
- Stress and time management - de-stressing
- Career planning
- MANAGEMENT OF NURSING EDUCATIONAL INSTITUTIONS

Unit XIII

- Establishment of Nursing Educational Institutions
- Indian Nursing Council norms and guidelines - Faculty norms, physical facilities, clinical facilities, curriculum implementation, and evaluation/examination guidelines
- Coordination with regulatory bodies - INC and State Nursing Council
- Accreditation - Inspections
- Affiliation with university/State council/board of examinations

Unit XIV

- Planning and Organizing
- Philosophy, objectives and mission of the college
- Organization structure of school/college
- Review - Curriculum planning
- Planning teaching and learning experiences, clinical facilities - master plan, time table and clinical rotation
- Budget planning - faculty, staff, equipment & supplies, AV aids, Lab equipment, library books, journals, computers and maintenance
- Infrastructure facilities - college, classrooms, hostel, library, labs,
- computer lab, transport facilities

- Records & reports for students, staff, faculty and administrative
- Committees and functioning
- Clinical experiences

Unit XV

- Staffing and Student Selection
- Faculty/staff selection, recruitment and placement, job description
- Performance appraisal
- Faculty development
- Faculty/staff welfare
- Student recruitment, admission, clinical placement

Unit XVI

- Directing and Controlling
- Review - Curriculum implementation and evaluation
- Leadership and motivation, supervision - review
- Guidance and counseling
- Quality management - educational audit
- Program evaluation, evaluation of performance
- Maintaining discipline
- Institutional records and reports - administrative, faculty, staff and students

Unit XVII

- PROFESSIONAL CONSIDERATIONS
- Review - Legal and Ethical Issues
- Nursing as a profession - Characteristics of a professional nurse
- Nursing practice - philosophy, aim and objectives
- Regulatory bodies - INC and SNC constitution and functions
- Review - Professional ethics
- Code of ethics and professional conduct - INC & ICN
- Practice standards for nursing - INC
- International Council for Nurses (ICN)
- Legal aspects in nursing:
- Consumer protection act, patient rights
- Legal terms related to practice, legal
- system - types of law, tort law & liabilities
- Laws related to nursing practice - negligence, malpractice, breach, penalties
- Invasion of privacy, defamation of character

- Nursing regulatory mechanisms - registration, licensure, renewal, accreditation, nurse practice act, regulation for nurse practitioner/specialist nursing practice

Unit XVIII

- Professional Advancement
- Continuing Nursing Education
- Career opportunities
- Membership with professional organizations - national and international
- Participation in research activities
- Publications - journals, newspaper

Note: Less than 1 credit lab hours are not specified

Clinical practicum

Practice Competencies:

Hospital

- Prepare organizational chart of hospital/Nursing services/nursing department
- Calculate staffing requirements for a particular nursing unit/ward
- Formulate Job description at different levels of care
- Prepare duty roster for staff/students at different levels
- Participate in procuring/purchase of equipment & supplies
- Prepare log book/MMF for specific equipment/materials
- Maintain and store inventory and keep daily records
- Prepare and maintain various records & reports of the settings - incident reports/adverse reports/audit reports
- Prepare and implement protocols & manuals
- Participate in supervision, evaluation and conducting in service education for the staff

College & Hostel

- Prepare organizational chart of college
- Formulate job description for tutors
- Prepare Master plan, time table and clinical rotation
- Prepare student anecdotes
- Participate in planning, conducting and evaluation of clinical teaching
- Participate in evaluation of students' clinical experience
- Participate in planning and conducting practical examination OSCE - end of posting

CLINICAL POSTING: Management experience in hospital & college.

Clinical skills logbook

- Hospital and Nursing Service Department
- Preparation of organogram

- (hospital/nursing department)
- Preparation of organogram
- (hospital/nursing department)
- (p g p)
- Calculation of staffing requirements for a nursing unit/ward
- Formulation of Job description of nursing officer (staff nurse)
- Preparation of Patient assignment plan
- Preparation of duty roster for staff/students at different levels
- Preparation of logbook/MMF for specific equipment/ materials
- Participation in Inventory control and daily record keeping
- Preparation and maintenance of records & reports such as incident reports/adverse reports/audit reports
- Participation in performance appraisal/evaluation of nursing staff
- Participate in conducting in-service education for the staff
- College & Hostel
- Preparation of organogram of college
- Formulation of job description for tutor
- Participation in performance appraisal of tutor
- Preparation of Master plan, time-table and clinical rotation
- Preparation of student anecdotes
- Participation in clinical evaluation of students
- Participation in planning and conducting practical examination OSCE - end of posting

Clinical requirements

VI SEMESTER - NURSING MANAGEMENT & LEADERSHIP

Field visit to Hospital - regional/national organization

Midwifery and Obstetrics and Gynaecology Nursing I

60 hours theory | 40 hours lab | 240 hours clinical | 7 credits

Includes the SBA module.

Course description

This course is designed for students to develop knowledge and competencies on the concepts and principles of midwifery. It helps them to acquire knowledge and skills in rendering respectful maternity care to woman during antenatal, intranatal and postnatal periods in hospitals and community settings. It further helps to develop skills in managing normal neonates and participate in family welfare programs.

Learning outcomes

- Demonstrate professional accountability for the delivery of nursing care as per INC standards/ICM competencies that are consistent with moral, altruistic, legal, ethical, regulatory and humanistic principles in midwifery practice.
- Communicate effectively with individuals, families and professional colleagues fostering mutual respect and shared decision making to enhance health outcomes.
- Recognize the trends and issues in midwifery and obstetrical nursing.
- Review and describe the anatomy and physiology of human reproductive system and conception.
- Describe and apply physiology in the management of normal pregnancy, birth and puerperium.
- Demonstrate competency in providing respectful and evidence based maternity care for women during the antenatal, intranatal and postnatal period.
- Uphold the fundamental human rights of individuals when providing midwifery care.
- Promote physiologic labour and birth, and conduct normal childbirth.
- Provide evidence based essential newborn care.
- Apply nursing process approach in caring for women and their families.
- Describe the methods of contraception and role of nurse/midwife in family welfare services.
- Recognize the importance of and actively participate in family welfare programs.
- Provide youth friendly health services and care for women affected by gender based violence.

Theory

Unit I

- Introduction to midwifery
- History of midwifery in India
- Current scenario:
  - Trends of maternity care in India
  - Midwifery in India - Transformative education for relationship based and transformative midwifery practice in India
- Vital health indicators - Maternal mortality ratio, Infant Mortality Rate,
- Neonatal Mortality Rate, perinatal mortality rate, fertility rates

  - Maternal death audit
- National health programs related to RMNCH+A (Reproductive Maternal Newborn and Child Health + Adolescent Health)
- Current trends in midwifery and OBG nursing:
  - Respectful maternity and newborn care (RMNC)
  - Midwifery-led care units (MLCU)
  - Women centered care, physiologic birthing and demedicalization of birth
  - Birthing centers, water birth, lotus birth
  - Essential competencies for midwifery practice (ICM)
  - Universal rights of child-bearing women
  - Sexual and reproductive health and rights
  - Women's expectations & choices about care
- Legal provisions in midwifery practice in India:
- INC/MOH&FW regulations
- ICM code of ethics
- Ethical issues in maternal and neonatal care
- Adoption laws, MTP act, Pre- Natal Diagnostic Test (PNDT) Act, Surrogate mothers
- Roles and responsibilities of a midwife/Nurse practitioner midwife in different settings (hospital/ community)
- Scope of practice for midwives

Unit II

- Anatomy and physiology of human reproductive system and conception (Maternal, Fetal & Newborn physiology)
- Review:
- Female organs of reproduction
- Female pelvis - bones, joints, ligaments, planes, diameters, landmarks, inclination, pelvic variations
- Foetal skull - bones, sutures,
- fontanelles, diameters, moulding
- Fetopelvic relationship
- Physiology of menstrual cycle, menstrual hygiene
- Fertilization, conception and implantation
- Embryological development
- Placental development and function, placental barrier
- Fetal growth and development
- Fetal circulation & nutrition

Unit III

- Assessment and management of normal pregnancy (ante-natal):
- Pre-pregnancy Care
- Review of sexual development (Self Learning)
- Socio-cultural aspects of human sexuality (Self Learning)
- Preconception care
- Pre-conception counseling (including awareness regarding normal birth) Genetic counseling (Self Learning)
- Planned parenthood
- Pregnancy assessment and antenatal care (I, II & III Trimesters)
- Normal pregnancy
- Physiological changes during pregnancy
- Assess and confirm pregnancy: Diagnosis of pregnancy - Signs, differential diagnosis and confirmatory tests
- Review of maternal nutrition & malnutrition
- Building partnership with women following RMC protocol
- Fathers' engagement in maternity care
- Ante-natal care:
- 1st Trimesters
- Antenatal assessment: History taking, physical examination, breast examination, laboratory investigation
- Identification and management of minor discomforts of pregnancy
- Antenatal care : as per GoI guidelines
- Antenatal counseling (lifestyle changes, nutrition, shared decision making, risky behavior, sexual life during pregnancy, immunization etc.)
- Danger signs during pregnancy
- Respectful care and compassionate communication
- Recording and reporting: as per the GoI guidelines
- Role of Doula/ASHAs
- II Trimester
- Antenatal assessment: abdominal palpation, fetal assessment, auscultate fetal heart rate - Doppler and pinnard's stethoscope
- Assessment of fetal well-being: DFMC, biophysical profile, Non stress test, cardio-tocography, USG, Vibro acoustic stimulation, biochemical tests.
- Antenatal care
- Women centered care
- Respectful care and compassionate communication
- Health education on IFA, calcium and vitamin D supplementation, glucose tolerance test, etc.

- Education and management of physiological changes and discomforts of 2nd trimester
- Rh negative and prophylactic anti D
- Referral and collaboration, empowerment
- Ongoing risk assessment
- Maternal Mental Health
- III Trimester
- Antenatal assessment: abdominal palpation, fetal assessment, auscultate fetal heart rate - Doppler and pinnard's stethoscope
- Education and management of physiological changes and discomforts of 3rd trimester
- Third trimester tests and screening
- Fetal engagement in late pregnancy
- Childbirth preparation classes
- Birth preparedness and complication readiness including micro birth planning
- Danger signs of pregnancy - recognition of ruptured membranes
- Education on alternative birthing positions - women's preferred choices, birth companion
- Ongoing risk assessment
- Cultural needs
- Women centered care
- Respectful and compassionate communication
- Health education on exclusive breastfeeding
- Role of Doula/ASHA's

Unit IV

- Physiology, management and care during labour
- Normal labour and birth
- Onset of birth/labour
- Per vaginal examination (if necessary)
- Stages of labour
- Organization of labour room - Triage, preparation for birth
- Positive birth environment
- Respectful care and communication
- Drugs used in labour as per GoI guidelines
- Fist Stage
- Physiology of normal labour
- Monitoring progress of labour using Partograph/labour care guide
- Assessing and monitoring fetal well being
- Evidence based care during 1st stage of labour

- Pain management in labour (non-pharmacological)
- Psychological support - Managing fear
- Activity and ambulation during first stage of labour
- Nutrition during labour
- Promote positive childbirth experience for women
- Birth companion
- Role of Doula/ASHA's
- Second stage
- Physiology (Mechanism of labour)
- Signs of imminent labour
- Intrapartum monitoring
- Birth position of choice
- Vaginal examination
- Psychological support
- Non-directive coaching
- Evidence based management of physiological birth/Conduction of normal childbirth
- Essential newborn care (ENBC)
- Immediate assessment and care of the newborn
- Role of Doula/ASHA's
- Third Stage
- Physiology - placental separation and expulsion, hemostasis
- Physiological management of third stage of labour
- Active management of third stage of labour (recommended)
- Examination of placenta, membranes and vessels
- Assess perineal, vaginal tear/ injuries and suture if required
- Insertion of postpartum IUCD
- Immediate perineal care
- Initiation of breast feeding
- Skin to skin contact
- Newborn resuscitation
- Fourth Stage
- Observation, Critical Analysis and Management of mother and newborn
- Maternal assessment, observation fundal height, uterine consistency, urine output, blood loss
- Documentation and Record of birth
- Breastfeeding and latching
- Managing uterine cramp

- Alternative/complementary therapies
- Role of Doula/ASHA's
- Various childbirth practices
- Safe environment for mother and newborn to promote bonding
- Maintaining records and reports

Unit V

- Postpartum care/Ongoing care of women
- Normal puerperium - Physiology, duration
- Post-natal assessment and care - facility and home-based care
- Perineal hygiene and care
- Bladder and bowel function
- Minor disorders of puerperium and its management
- Physiology of lactation and lactation management
- Postnatal counseling and psychological support
- Normal postnatal baby blues and recognition of post-natal depression
- Transition to parenthood
- Care for the woman up to 6 weeks after childbirth
- Cultural competence (Taboos related to postnatal diet and practices)
- Diet during lactation-review
- Post-partum family planning
- Follow-up of postnatal mothers
- Drugs used in the postnatal period
- Records and reports

Unit VI

- Assessment and ongoing care of normal neonates
- Family centered care
- Respectful newborn care and communication
- Normal Neonate - Physiological adaptation
- Newborn assessment - Screening for congenital anomalies
- Care of newborn up to 6 weeks after
- the childbirth (Routine care of newborn)
- Skin to skin contact and thermoregulation
- Infection prevention
- Immunization
- Minor disorders of newborn and its management

Unit VII

- Family welfare services
- Impact of early/frequent childbearing
- Comprehensive range of family planning methods
  - Temporary methods - Hormonal, non-hormonal and barrier methods
  - Permanent methods - Male sterilization and female sterilization
- Action, effectiveness, advantages, disadvantages, myths, misconception and medical eligibility criteria (MEC) for use of various family planning methods
- Emergency contraceptives
- Recent trends and research in contraception
- Family planning counseling using Balanced Counseling Strategy (BCS)
- Legal and rights aspects of FP
- Human rights aspects of FP adolescents
- Youth friendly services - SRHR services, policies affecting SRHR and attitude of nurses and midwives in provision of services (Review)
- Importance of follow up and recommended timing
- Gender related issues in SRH
- Gender based violence - Physical, sexual and abuse, Laws affecting GBV and role of nurse/midwife
- Special courts for abused people
- Gender sensitive health services including family planning

Skill lab and clinical practicum

VI SEMESTER: MIDWIFERY/OBSTETRICS AND GYNECOLOGY (OBG) NURSING - I

SKILL LAB & CLINICAL: Skill Lab - 1 Credit (40 hours); Clinical - 3 Credits (240 hours)

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

- Counsel women and their families on pre-conception care
- Demonstrate lab tests ex. urine pregnancy test
- Perform antenatal assessment of pregnant women
- Assess and care for normal antenatal mothers
- Assist and perform specific investigations for antenatal mothers
- Counsel mothers and their families on antenatal care and preparation for parenthood
- Conduct childbirth education classes
- Organize labour room
- Prepare and provide respectful maternity care for mothers in labour
- Perform per-vaginal examination for a woman in labour if indicated
- Conduct normal childbirth with essential newborn care
- Demonstrate skills in resuscitating the newborn

- Assist women in the transition to motherhood
- Perform postnatal and newborn assessment
- Provide care for postnatal mothers and their newborn
- Counsel mothers on postnatal and newborn care
- Perform PPIUCD insertion and removal
- Counsel women on family planning and participate in family welfare services
- Provide youth friendly health services
- Identify, assess, care and refer women affected with gender based violence

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

- Urine pregnancy test
- Calculation of EDD, Obstetrical score, gestational weeks
- Antenatal assessment
- Counseling antenatal mothers
- Micro birth planning
- PV examination
- Monitoring during first stage of labour - Plotting and interpretation of partograph
- Preparation for delivery - setting up labour room, articles, equipment
- Mechanism of labour - normal
- Conduction of normal childbirth with essential newborn care
- Active management of third stage of labour
- Placental examination
- Newborn resuscitation
- Monitoring during fourth stage of labour
- Postnatal assessment
- Newborn assessment
- Kangaroo mother care
- Family planning counseling
- PPIUCD insertion and removal

CLINICAL POSTINGS (6 weeks × 40 hours per week = 240 hours)

Antenatal OPD and Antenatal ward

- History collection
- Physical examination
- Obstetric examination
- Pregnancy confirmation test
- Urine testing
- Blood testing for Hemoglobin, grouping & typing

- Blood test for malaria
- KICK chart
- USG/NST
- Antenatal counseling
- Preparation for childbirth
- Birth preparedness and complication readiness

Clinical requirements

- Antenatal palpation
- Health talk
- Case study

Labour room

- Assessment of woman in labour
- Partograph
- Per vaginal examination when indicated
- 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

Clinical requirements

- Partograph recording
- PV examination
- Assisting/ Conduction of normal childbirth
- Case study
- Case presentation
- Episiotomy and suturing if indicated
- Newborn resuscitation

Post- partum clinic and Postnatal Ward including FP unit

- Postnatal assessment
- Care of postnatal mothers - normal
- Care of normal newborn
- Lactation management

Clinical requirements

- Postnatal assessment
- Newborn assessment
- Case study
- Postnatal counseling
- Health teaching on postnatal and newborn care
- Family welfare counseling

Clinical requirements

- Case presentation
- PPIUCD insertion & removal

Note: Partial Completion of SBA module during VI 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

- See the INC corrigendum for cross-semester midwifery clinical updates on source pages 393, 436 and 449.

Elective Modules

Elective Options

Complete one elective by the end of Semester VI. Each elective carries 1 credit and 20 hours.

- Cognitive behavioural therapy
- Personality development
- Addiction psychiatry
- Adolescent health
- Sports health
- Accreditation and practice standards
- Developmental psychology
- Menopausal health
- Health economics

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