

**Pediatric Nursing and Clinical
Speciality**

**POST GRADUATE DEGREE
STANDARD**

UNIT I

INTRODUCTION:

Trends in Paediatric and Child health
Historical development of Child health
Concepts in Child Health
Parameter of Child Health
Determinants of Child Health
National Policy's and laws in Child Health

UNIT II

PRENATAL PAEDIATRICS

Genetics - Theory
Genetics - Heredity
Genetics - Patterns of disorder
Genetics Counselling
Prenatal development and care

UNIT III

NEONATOLOGY

Normal newborn physiology
Characteristics of newborn
Assessment of newborn
Care of Newborn
High risk neonate
Preterm
Low birth weight
Post term babies

PROBLEMS IN NEW BORN

Birth Injuries
Asphyxia neonatorum
Neonatal infections
Neonatal Jaundice
Neonatal Convulsions
Metabolic disorders
Neonatal intensive care unit
Organization
Facilities Available
Services offered

UNIT IV

GROWTH AND DEVELOPMENT

Factors of growth and development

Theories

Laws

Principles

Concepts

Psychosocial development, Cognitive Development

Tasks at different age group

Assessment of growth and development

UNIT V

PREVENTIVE PAEDIATRICS/WELFARE SERVICES

Concepts, Scope and Sphere

Preventive Services

Primary health Care

Maternal and Child Welfare programmes

Health Care delivery system of child health in India.

Health Education needs.

UNIT VI

LEGAL ASPECTS IN CHILD HEALTH

Laws and Ethics related to special Children

Handicapped

Adopted Child

Battered Child

Institutionalized Child

M R Juvenile delinquency

Girl Child

Orphans, Surregation

UNIT VII

IMPACT OF HOSPITALIZATION

Reaction of Child and family

Member to Hospitalization

UNIT VIII

PAEDIATRIC VARIATIONS

Physical Examination

Preop. Post op care

All Paediatric procedures:-

Restraints

Administration of Medication

Tube feeding

Nebulizer Therapy
Specimen collection
Other painful procedures

UNIT IX

NUTRITION OF NUTRITION DEFICIENCY DISEASES

Normal Requirement - Antenatal and different age groups
Type of feeding
Breast feeding
Formula Feed
Weaning
Malnutrition
Deficiency diseases

UNIT X

CRITICAL CARE NURSING

Principles
Planning and Organization of Critical care nursing
Dehydration, Shock
Respiratory failure Respiratory paralysis
Tension Pneumothorax
Resuscitation and Supportive Therapy
Terminally ill Child
Death and Dying

PAPER -II

UNIT I

NURSING PROCESS RELATED TO CHILDREN WITH DISORDER OF RESPIRATORY SYSTEM

Upper respiratory tract- Infection and disorder
Lower respiratory tract - Infection and disorder
Bronchial asthma- Infection and disorder

UNIT II

NURSING PROCESS RELATED TO CHILDREN - WITH DISORDERS OF CARDIO VASCULAR SYSTEM.

Congenital defects
Rheumatic fever
Rheumatic heart disease
Inflammatory condition
Infections
Cardiac failure
Hypertension

UNIT III

NURSING PROCESS RELATED TO CHILDREN WITH DISORDER OF GI TRACT

Congenital defects of G.I. Tract Cleft lip and palate
Tracheo esophageal fistula
Pyloric stenosis
Hirschsprung disease
Anorectal anomalies
Hernia - Diaphragmatic

Biliary atresia
Mockel's diverticulum
Intussusception
Oral thrush, Dental cavities, Malocclusion
Gastro enteritis, Dysentery, Jaundice, hepatitis
Appendicitis, Cirrhosis of Liver hepatic Coma, Portal hypertension.
Worm infestation

UNIT IV

NURSING PROCESS RELATED TO CHILDREN WITH CENTRAL NERVOUS, NEUROMUSCULAR SYSTEM AND MUSCULOSKELETAL SYSTEM

Headache, Head injury, fractures, CDH, club foot, hip dislocation, scoliosis, Osteomyelitis, Perthes diseases, Convulsion meningitis, Encephalitis SSPE, Cerebral Palsy, Hydrocephalus, Spina bifida, Acute poliomyelitis, GBS.

UNIT V

NURSING PROCESS RELATED TO CHILDREN WITH GENITOURINARY SYSTEM.

Glomerulonephritis, nephrotic syndromes, UTI/Renal failure, obstructive uropathy, congenital defects - hypospadias, epispadias, undescended testis.

UNIT VI

NURSING PROCESS RELATED TO CHILDREN WITH BLOOD DISORDERS AND NEOPLASMS.

Anemias, Leukemia, Thalassemia, Lymphomas, bleeding disorders, brain tumour, neuroblastoma, bone tumours.

UNIT VII

NURSING PROCESS RELATED TO CHILDREN WITH ENDOCRINE DISORDER.

Diabetes - mellitus, diabetes insipidus and altered functions of endocrine glands.

UNIT VIII

NURSING PROCESS RELATED TO CHILDREN WITH DISTURBANCES OF SPECIAL SENSORY ORGANS.

Infections of ears, nose, throat, congenital glaucoma, cataract, squint, strabismus, Nystagmus, Tonsillitis, adenoiditis, sinusitis, stridor, otitis media, deafness, Impetigo, Eczema, acne, herpes, Scabies, Psoriasis, dermatitis and Pemphigus, burns and other disorders.

UNIT IX

MISCELLANEOUS

Antibiotic therapy
Psychological and Psychiatric problems
Common poisons and accidents, trauma
Juvenile rheumatoid arthritis SLE Perinatal
Paediatric HIV infection.

UNIT X

MODERN CONCEPTS WITH ADVANCED TECHNOLOGY IN PAEDIATRIC NURSING ADMINISTRATION AND PAEDIATRIC NURSING EDUCATION

Setting standards of care
Organisation of the department
Personnel Management
Budgeting Staff development
Appraisal
Recent technology in prevention, treatment and control of infection.

