

COURSE TITLE	CHILD HEALTH NURSING
COURSE CODE	20GN0204
COURSE CREDITS	6

Objective:

- 1 Explain the concept of child health, the principles underlying child care trends in pediatric nursing.
- 2 Describe normal growth and development of children, so as to recognize deviations for normal health and care of healthy children
- 3 Demonstration skill in meeting the needs of the sick infants and children based on the IMNCI guidelines of GoI

Course Outcomes: After completion of this course, student will be able to:

- 1 This course is designed to help students develop and understanding of the concept of child health, the trends in child care and the health problems of children. This shall enable the students to meet the needs of the children, in health and sickness.

Pre-requisite of course: This course is designed to help students develop and understanding of the concept of child health, the trends in child care and the health problems of children. This shall enable the students to meet the needs of the children, in health and sickness.

Teaching and Examination Scheme

Theory Hours	Tutorial Hours	Practical Hours	ESE	IA	CSE	Viva	Term Work
2	8	0	75	15	10	50	50

Contents : Unit	Topics	Contact Hours
1	Introduction to child health nursing a) Modern concept in child health care b) Trends in pediatric nursing, Role of pediatric nurses in child care, Emerging challenges, nursing process related to pediatric nursing, Concept of preventive pediatric, Vital statistics related to pediatrics as per the NRHS and GoI	5

Contents : Unit	Topics	Contact Hours
2	<p>Growth & Development Definition, principles, factors affecting growth & development, techniques of assessment, plotting of growth chart, b) Infant: Growth & Development, health promotion, breast feeding & weaning, immunization, infant and young child feeding, c) Toddler : Growth & Development, nutrition counselling, toilet training, safety, prevention of accidents, play., Preschoolers Growth & development Daycare centers Role of Parents in sex education, d) School age Growth & development, rest, sleep, physical exercises & activity, dental health, sex education, Adolescent ? Growth & development, adaptation to puberty, menstrual hygiene, nutritional guidance, sex education., Role of Parents in health promotion of adolescents, Control of iron deficiency anemia (WIFS guidelines)</p>	15
3	<p>The sick child a) Child's reaction to hospital b) Effect of hospitalization on the family of the child, c) Role of nurse in helping child & family in coping, with stress of hospitalization & illness, Pediatric procedures: a) Preparation of child for diagnostic tests, collection of specimens., Calculation & Administration of oral & parenteral medication, Procedures related to feeding - Katori & Spoon - Ryle's tube & gastrostomy, Procedures relating to elimination - Enema - Colostomy irrigation, Administration & analysis of oxygen concentration, steam inhalation, nebulization, Other procedures: - Pediatric Resuscitation - Surgical dressing</p>	8
4	<p>Disorders and health problems of a child a) Infancy : - Failure to thrive - Diarrhea & Vomiting, b) Childhood - Communicable diseases - Tonsillitis - Otitis media - Child abuse - Breath holding spasms - Enuresis, nail biting., thumb sucking, somnambulism - Protein energy malnutrition - Helminthic infections - Bites and stings - Pica - Tics, c) Adolescent - Precocious puberty - Gynecomastia - Accident, sport injuries - Obesity & anorexia nervosa - Juvenile delinquency</p>	6
5	<p>Child with congenital disorders: Malformations of CNS, cranial deformities, spinabifida,, hydrocephalus, cerebral palsy, meningocoele., Skeletal defects, cleft lip & cleft palate - Gastro intestinal tract defects, fistula,, anorectal malformations, hernia, congenital hypertrophied pyloric stenosis, Defects of Genito-urinary Tract – hypospadias & epispadias, extrophy of bladder, phimosi & paraphimosis, cryptorchidism, polycystic kidney, Sexual abnormalities, ambiguous genitalia, Defects of cardio vascular system, cyanotic and acyanotic- TOF (Tetralogy of Fallouts) TSV (Transposition of Great Vessels) TAPVC, ASD, VSD, Coactation of aorta, PDA, Orthopedic abnormalities congenital talipesequinovarus, congenital dislocation of hips, Chromosomal abnormalities – down syndrome, turner's syndrome.</p>	15

Contents : Unit	Topics	Contact Hours
6	Children with various disorders and diseases Etiology, signs and symptoms, complications, prevention, medical, surgical & nursing management of : a) Renal System - Nephrotic Syndrome - Acute Glomerulonephritis - ARF & CRF, Resp. System - URI and LRI - Asthma, Pneumonia, GT System - Intestinal obstruction (Mechanical) - Hirschsprung's disease - Malabsorption Syndrome - Inflammatory conditions – appendicitis, Meckel's diverticulum, ulcerative colitis) - Worm infestation, d) CVS System - Rheumatic fever, - CCF - Infective endocarditis, e) Hematological System - Anemia - Leukemia, Thalassemia - Hemophilia - Sickle cell anemia - Thrombocytopenic purpura, f) Neurological System - Meningitis - Encephalitis - Convulsive disorders - Cranio-cerebral trauma, g) Endocrine - Pituitary disorders - Hypo & Hyperthyroidism - Juvenile Diabetes - Adrenal disorders, h) Developmental problem - Handicapped children - Mental Retardation - Dyslexia - Hearing & Vision impairment, i) Others: - fluid and electrolyte imbalance - burns, j) Problems with locomotion: - Poliomyelitis - Osteomyelitis - Kyphosis, lordosis, scoliosis - Fractures k) Pre and post operative care of children undergoing surgery.	15
7	Child welfare services a) Child welfare services and agencies: - ICDS - Mid-day meal program - Balwadi, anganwadi - Daycare centers - NPSP, b) Law pertaining to Pediatrics: - National child labour policy - Child act. - Juvenile justice act, - Internationally accepted rights of the child - Rehabilitation of delinquent & destitute children - Adoption laws and services, - Adolescent health programs – menstrual hygiene, WIFS program, adolescent safety program	6
Total Hours		70

Suggested List of Experiments:

Contents : Unit	Topics	Contact Hours
1	CHILD HEALTH NURSING PRACTICAL CLINICAL POSTING CLINICAL POSTING AT VARIOUS PEDIATRIC HOSPITALS AT RAJKOT	320
Total Hours		320

Textbook :

- 1 Textbook of Child Health Nursing, Dr. Pushendra Magon, Lotus , 2024
- 2 Pediatric Nursing, Parul Dutta , jaypee, 2023

References:

- 1 Essentrials of Pediatric Nursing, Essentrials of Pediatric Nursing, Rimple Sharma, jaypee, 2017

Suggested Theory Distribution:

The suggested theory distribution as per Bloom's taxonomy is as follows. This distribution serves as guidelines for teachers and students to achieve effective teaching-learning process

Distribution of Theory for course delivery					
Remember / Knowledge	Understand	Apply	Analyze	Evaluate	Higher order Thinking / Creative
40.00	40.00	10.00	10.00	0.00	0.00

Instructional Method:

- 1 Theory exam will be conducted by Gujarat Nursing Council

Supplementary Resources:

- 1 N/A