**SHRI H N SHUKLA NURSING INSTITUTE**

**Affiliated By Saurashtra University, Permitted By I.N.C. & G.N.C. And Recognized By G.O.G.** Shree H. N. Shukla College Campus, B/H. Marketing Yard, Nr. Lalpari Lake, Rajkot -360003 E-mail :- HNSNURSING@GMAIL.COM Web. :- [www.hnsgroupofcollege.org](http://www.hnsgroupofcollege.org/)

**CHILD HEALTH NURSING**

# Placement- SECOND YEAR Time – 70 hour Course Description:-

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.

# General Objective:-

Upon completion of this course, the students shall able to:

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

# Total Hours: 70

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| **Unit No.** | **Learning objective** | **Content** | **Hours** | **Teaching learning activities** | **Assessment methods** |
| I | Understand the concept of the child health care, trends & emerging challenges for pediatric nursesDescribe the role of pediatric nurses in clinics, hospitals andcommunity | **Introduction**1. Modern concept in child health care
2. Trends in pediatric nursing
3. Role of pediatric nurses in child care
4. Emerging challenges, nursing process related to pediatric nursing
5. Concept of preventive pediatric
6. Vital statistics related to pediatrics as per the NRHS and

GoI | 5 | Lecture cum discussionsProject on collection of vital statistics related to child health | Short answers Objective type Essay type |

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| II | Describe the normal growth & development of children | **Growth & Development**a) Definition, principles, factors affecting growth & development, techniques of assessment, plotting of growth chart | 15 | Lecture cum discussionsRole playVideosPlotting of growth chart | Short answers Objective type Essay type |
| **Unit No.** | **Learning objective** | **Content** | **Hours** | **Teaching learning activities** | **Assessment methods** |
|  |  | 1. **Infant:**

Growth & Development, health promotion, breast feeding &weaning, immunization, infant and young child feeding1. **Toddler :**

Growth & Development,nutrition counselling, toilet training, safety, prevention of accidents, play.1. **Preschoolers**

Growth & development Daycare centers Role of Parents in sex education1. **School ager**

Growth & development, rest, sleep, physical exercises & activity, dental health, sex education1. **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)
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| III | Describe the role of nurse in caring for a sick childDevelop skill in carrying out nursing intervention while caring for pediatric age group. | **The sick child**1. Child’s reaction to hospital
2. Effect of hospitalization on the family of the child
3. Role of nurse in helping child & family in coping, with stress of hospitalization & illness **Pediatric procedures:**
4. Preparation of child for diagnostic tests, collection of specimens.
5. Calculation & Administration of oral & parenteral medication
6. Procedures related to feeding
	* Katori& Spoon
	* Ryle’s tube & gastrostomy
 | 8 | Lecture cum discussionsDemonstration Simulation Role play | Short answers Objective type Essay typeReturn demonstration |
| **Unit No.** | **Learning objective** | **Content** | **Hours** | **Teaching learning activities** | **Assessment methods** |
|  |  | 1. Procedures relating to elimination
	* Enema
	* Colostomy irrigation
2. Administration & analysis of oxygen concentration, steam inhalation, nebulization,
3. Other procedures:
	* Pediatric Resuscitation
	* Surgical dressing
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| IV | Describe the management of behavioral disorders and common health problems of childrenDemonstrate skills in the prevention & implementation of medical & nursing management of behavioral disorders& common health problems. | **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
1. Adolescent
	* Precocious puberty
	* Gynecomastia
	* Accident, sport injuries
	* Obesity & anorexia nervosa
	* Juvenile delinquency
 | 6 | Lecture cum discussions Seminars | Short answers Objective type Essay type |
| V | Demonstrate skills in providing comprehensive nursing care to the children having congenital defects/ malformation | **Child with congenital disorders:** Etiology, signs and symptoms, diagnosis, complications and medical, surgical & nursing management of children with:* Malformations of CNS, cranial deformities, spina bifida, hydrocephalus, cerebral palsy, meningocoele.
* Skeletal defects, cleft lip & cleft palate
 | 15 | Lecture cum discussionsPresentation of picture of congenital anomaliesSupervised clinical practices | Short answers Objective type Essay type |
| **Unit No.** | **Learning objective** | **Content** | **Hours** | **Teaching learning activities** | **Assessment methods** |



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|  |  | * Gastro intestinal tract defects, fistula, anorectal malformations, hernia
* Congenital hypertrophied pyloric stenosis
* Defects of Genito-urinary Tract

–hypospadiasis&epispadiasis, extrophy of bladder, phimosis&paraphimosis, cryptorchidism, polycystic kidney* Sexual abnormalities, ambiguous genitalia
* Defects of cardio vascular system, cyanotic and acyanotic- TOF (Tetralogy of

Fallouts), TGV (Transposition of Great Vessels), TAPVC, ASD, VSD, Coactation of aorta, PDA* Orthopedic abnormalities - congenital talipusequinovarus,

congenital dislocation of hips* Chromosomal abnormalities
* Down’s syndrome, Turner’s syndrome.
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| VI | Demonstrate skills in providing | **Children with various disorders and diseases**Etiology, signs and symptoms, complications, prevention, medical, surgical &nursing management of :1. Renal System
	* Nephrotic Syndrome
	* Acute Glomerulonephritis
	* ARF & CRF
2. Resp. System
	* URI and LRI
	* Asthma, Pneumonia
3. GI System
	* Intestinal obstruction (Mechanical)
	* Hirschsprung’s disease
	* Malabsorption Syndrome
	* Inflammatory conditions – appendicitis, Meckel’s

divertculum, ulcerative colitis* + Worm infestation
 | 15 | Lecture cum discussions | Short answers |
|  | comprehensive nursing |  |  | Objective type |
|  | care to children with |  | Presentation |  |
|  | various disorders & |  |  | Essay type |
|  | diseases |  | Clinical teaching, |  |
|  |  |  | Simulation, |  |
|  |  |  | Videos, |  |
|  |  |  | Visit to Blind, |  |
|  |  |  | Deat& dumb |  |
|  |  |  | school & |  |
|  |  |  | rehabilitation |  |
|  |  |  | centre |  |
| **Unit No.** | **Learning objective** | **Content** | **Hours** | **Teaching learning activities** | **Assessment methods** |



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|  |  | 1. CVS System
	* Rheumatic fever
	* CCF
	* Infective endocarditis
2. Hematological System
	* Anemia
	* Leukemia,
	* Thalassemia
	* Hemophilia
	* Sickle cell anemia
	* Thrombocytopenic purpura
3. Neurological System
	* Meningitis
	* Encephalitis
	* Convulsive disorders
	* Cranio-cerebral trauma
4. Endocrine
	* Pituitary disorders
	* Hypo & Hyperthyroidism
	* Juvenile Diabetes
	* Adrenal disorders
5. Developmental problem
	* Handicapped children
	* Mental Retardation
	* Dyslexia
	* Hearing & Vision impairment
6. Others:
	* Fluid and electrolyte imbalance
	* Burns
7. Problems with locomotion:
	* Poliomyelitis
	* Osteomyelitis
	* Kyphosis, lordosis, scoliosis
	* Fractures
8. Pre and post operative care of children undergoing surgery.
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| **Unit No.** | **Learning objective** | **Content** | **Hours** | **Teaching learning activities** | **Assessment methods** |



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| VII | Describe the various child welfare services provided by Governmental &nonGovernmental agencies Explain the ethical & legal implication in pediatric nursing | **Child welfare services**1. Child welfare services and agencies:
	* ICDS
	* Mid-day meal program
	* Balwadi, anganwadi
	* Day care centers
	* NPSP
2. Law pertaining to Pediatrics: -

National child labourpolicy - 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 | Lecture cum discussionsVisit toanganwadi schools, remand homes &adoption centers | Short answers Objective type Essay type |



**CHILD HEALTH NURSING- PRACTICAL**

**Placement- THIRD YEAR Time – 320 hrs (8 weeks)**

**Internship 96 hrs (2 weeks)**

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| **Areas** | **Duration** | **Objectives** | **Skill** | **\*Assignments** | **Assessment methods** |
| Paediatric medicine ward | 3 weeks | * Perform physical assessment
* Assist in diagnostic procedure and provide pre and post care related to diagnostic procedure
* Administer the drugs
	+ Provide health education
* Perform basic resuscitation
 | * Taking pediatric History
* Perform physical examination and assessment of children
* Administration of oral, I/M, & I/V, medicine/ fluid
* Calculation of fluid requirements
* Prepare different strengths of I.V. fluids
* Apply restraints
* Administer O2 inhalation by different methods
* Feed children by katori (bowl) and spoon,pallada etc.
* Collect specimens for common investigations
* Assist with common diagnostic procedure
* Teach mothers/ parents on balance diet for child of different age group
* Oral rehydration therapy
* Feeding & weaning
* Play therapy
* Check vital signs
* Give enema
* Insert suppositories
 | Give care to assigned paediatric patients Nursing care plan-1 Case study orPresentation-1 Health talk-1 | * Assess performance with rating scale
* Assess each skill with checklist
* Evaluation of Nursing care plan, Case study, Health talk, Case presentation
* Completion of activity record
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| **Areas** | **Duration** | **Objectives** | **Skill** | **\*Assignments** | **Assessment** |

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|  |  |  |  |  | **methods** |
| Paediatric surgery ward | 3 weeks | * Recognize different pediatric surgical condition
* Provide pre and post operative care to children with common

paediatric surgical conditions/ malformation* Counsel and educate parents
 | * Do bowel wash
* Care for ostomies:
	+ Colostomy irrigation
	+ Ureterostomy
	+ Gastrostomy
	+ Enterostomy
* Urinary catheterization and drainage
* Feeding
	+ Nasogastric
	+ Gastrostomy
	+ Jejunostomy
* Care of surgical wound dressing
* Suture removal
 | * Give care to three assigned paediatric surgical patients
* Nursing care plan-1
* Case study or presentation-1
 | * Assess performance with rating scale
* Assess each skill with checklist
* Evaluation of Nursing care plan, Case study, Case presentation
* Completion of activity record
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| Paediatric OPD/Immunization room/ well baby clinic / adolescent clinic | 4 weeks | * Perform assessment of children, health development and anthropometric
* Perform immunization
* Give health education/ nutritional education
 | * Assessment of children
* Health assessment
* Developmental assessment
* Anthropometric assessment
* Immunization
* Health/ nutritional education
 | * Health assessment of the child
* Health talk - 1
* IMNCI Module
 | * Assess performance with rating scale
* Completion of activity record
* Assessment of the health talk.
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