

CHILDHEALTHNURSING-I

PLACEMENT: V SEMESTER

THEORY: 3 Credits (60hours)

PRACTICUM: Lab/Skill Lab: 1Credit (40hours) Clinical: 2 Credits (160hours)

DESCRIPTION: Thiscourseisdesignedfordevelopinganunderstandingofthemodernapproachtochild-care,identification, prevention andnursingmanagementof commonhealthproblemsof neonatesandchildren.

COMPETENCIES:Oncompletionofthecourse,thestudents'willbeableto

1. Developunderstandingofthehistoryandmodernconceptsofchildhealthandchild-care.
2. ExploretheNationalchildwelfareservices, nationalprogramsandlegislationinthelightofNationalHealthPolicy2017.
3. Describetheroleofpreventivepediatricsandperformpreventive measurestowardsaccidents.
4. Participateinnationalimmunizationprograms/UniversalImmunizationProgram (UIP).
5. Identifythedevelopmentalneedsofchildrenandprovideparentalguidance.
6. Describetheprinciplesof childhealthnursingandperformchildhealthnursingprocedures.
7. Demonstratecompetenciesinnewbornassessment, planningandimplementationofcare tonormalandhigh-risk newbornincluding neonatalresuscitation.
8. ApplytheprinciplesandstrategiesofIntegratedmanagementofneonatalandchildhoodillness (IMNCI).
9. Applytheknowledgeofpathophysiologyandprovidenursingcaretochildrenwithrespiratorysystemdisorders.
10. IdentifyandmeetchildhoodemergenciesandperformchildCPR.

COURSEOUTLINE

T–Theory/SL –Lab/Skill Lab

Unit	Time (Hrs)	LearningOutcomes	Content	Teaching/ LearningActivities	AssessmentMethods
I	10(T) 10(L)	Explain the modernconceptofchild-care Describe Nationalpolicy, programs andlegislationinrelationto child health &welfare Describe role ofpreventivepediatrics	Introduction: Modern concepts of child-care <ul style="list-style-type: none"> • Historicaldevelopmentofchildhealth • Philosophyandmodernconceptofchild-care • Cultural and religious considerationsinchild-care • Nationalpolicyandlegislationsinrelationtochild healthandwelfare • Nationalprogramsandagenciesrelated to welfare services to thechildren • Internationallyacceptedrightsofthechild • Changing trends in hospital care ,preventive, promotiveand curativeaspectofchild health • <i>Preventivepediatrics:</i> <ul style="list-style-type: none"> ○ Concept ○ Immunization ○ Immunizationprogramsandcold 	<ul style="list-style-type: none"> • LectureDiscussion • Demonstration ofcommon pediatricprocedures 	<ul style="list-style-type: none"> • Shortanswer • Objectivetype • Assessmentof skills withchecklist

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
		<p>List major causes of death during infancy, early & late childhood</p> <p>Differentiate between an adult and child in terms of illness and response</p> <p>Describe the major functions & role of the pediatric nurse in caring for a hospitalized child.</p> <p>Describe the principles of child health nursing and perform child health nursing procedures</p>	<p>Chain.</p> <ul style="list-style-type: none"> ○ Care of under-five and Under-five Clinics/Well-baby clinics ○ Preventive measures towards accidents • Child morbidity and mortality rates • Difference between an adult and child which affect response to illness ○ Physiological ○ Psychological ○ Social ○ Immunological • Hospital environment for sick child • Impact of hospitalization on the child and family • Communication techniques for children • Grief and bereavement • The role of a child health nurse in caring for a hospitalized child • Principles of pre and postoperative care of infants and children. <p><i>Child Health Nursing procedures:</i></p> <ul style="list-style-type: none"> • Administration of medication: oral, I/M, & I/V • Calculation of fluid requirement • Application of restraints • Assessment of pain in children. <ul style="list-style-type: none"> ○ FACES pain rating scale ○ FLACC scale ○ Numerical scale 		
II	12(T)	<p>Describe the normal growth and development of children at different ages</p> <p>Identify the needs of children at different ages & provide parental guidance</p> <p>Identify the nutritional needs of children at different ages & ways</p>	<p>The Healthy Child</p> <ul style="list-style-type: none"> • Nutritional Needs of children and infants <p>Breast feeding</p> <ul style="list-style-type: none"> • Definition and principles of growth and development • Factors affecting growth and development • Growth and development from birth to adolescence • Growth and developmental theories (Freud, Erickson, Jean Piaget, Kohlberg) • The needs of normal children through the stages of development and parental guidance 	<ul style="list-style-type: none"> • Refer/consult MAA Mothers Absolute Affection Program for Breast Feeding module (National guidelines). • Lecture Discussion • Demonstration • Developmental study of infant and children • Observation study of normal & sick child • Field visit to Anganwadi, child guidance clinic • Videos on breastfeeding 	<ul style="list-style-type: none"> • Short answer • Objective type • Assessment of field visits and developmental study reports

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
		<p>Of meeting needs</p> <p>Identify the role of play for normal & sick children</p>	<ul style="list-style-type: none"> • Nutritional needs of children and infants <ul style="list-style-type: none"> - breastfeeding - exclusive breastfeeding - Supplementary/artificial feeding and weaning • Baby friendly hospital concept • Types and value of play and selection of play material 	<ul style="list-style-type: none"> • Clinical practice/field 	
III	15(T) 20(L)	<p>Provide care to normal and high-risk neonates</p> <p>Perform neonatal resuscitation</p> <p>Recognize and manage common neonatal problems</p>	<p>Nursing care of neonate:</p> <ul style="list-style-type: none"> • Appraisal of Newborn • Nursing care of a normal newborn/essential newborn care • Neonatal resuscitation • Nursing management of low birth weight baby • Kangaroo mother care • Nursing management of common neonatal disorder <ul style="list-style-type: none"> - Hyperbilirubinemia - Hypothermia - Hyperthermia - Metabolic disorder - Neonatal infections - Neonatal seizures - Respiratory distress syndrome - Retinopathy of Prematurity • Organization of neonatal care unit • Neonatal equipment 	<ul style="list-style-type: none"> • Modular based teaching: ENBC and FBNC module (oral drills, videos, self-evaluation exercises) • Workshop on neonatal resuscitation: NRP module • Demonstration • Practice Session • Clinical practice • Lecture Discussion 	<ul style="list-style-type: none"> • OSCE • Short answer • Objective type
IV	10(T) 5(L)	Apply principles and strategies of IMNCI	Integrated management of neonatal and childhood illnesses	<p>Modular based teaching:</p> <p>IMNCI module</p> <ul style="list-style-type: none"> • Clinical practice/field 	<ul style="list-style-type: none"> • OSCE
V	8(T)	Describe the etiology, pathophysiology, clinical manifestation and nursing management of children with disorders of respiratory, and endocrine system	<p>Nursing management in common childhood diseases</p> <p>Respiratory system:</p> <ul style="list-style-type: none"> • Identification and Nursing management of congenital malformations • Congenital disorders: Tracheoesophageal fistula, Diaphragmatic hernia 	<ul style="list-style-type: none"> • Lecture Discussion • Demonstration • Practice session • Clinical practice 	<ul style="list-style-type: none"> • Short answer • Objective type • Assessment of skills with checklist

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
			<ul style="list-style-type: none"> Others: Acute nasopharyngitis, Tonsillitis, Croup, Bronchitis, Bronchiolitis, Pneumonia, Asthma <p>Endocrine system:</p> <ul style="list-style-type: none"> Juvenile Diabetes mellitus, Hypothyroidism 		
VI	5(T) 5(L)	Developability to meet childhood emergencies and perform child CPR	<p>Childhood emergencies</p> <ul style="list-style-type: none"> Accidents – causes and prevention, Poisoning, Foreign bodies, Hemorrhage, Burns and Drowning <p>PLS (AHA Guidelines)</p>	<ul style="list-style-type: none"> Lecture Discussion Demonstration PLS Module/Workshop 	<ul style="list-style-type: none"> OSCE

Distribution of teaching hours in Child Health Nursing

STRATEGY		Teaching hours	
Didactic	Lectures	60	60
	Lab/Skill	40(1 credit)	40
Non- didactic	Tutorials	08	160
	Integrated learning /MPBL	6	
	Practical /clinical / Small group discussion/ Demonstration	146	
Total			260

Topics & outcomes in Child Health Nursing

Subject	Number of Themes*	Number of outcomes**
Child Health Nursing	08	67

Distribution of theory hours

S.N.	Theme	Topics	Teaching hrs
1	Introduction: Modern concepts of child-care	Introduction	10
2	The Healthy Child	The Healthy Child	12
3	Nursing care of Neonate	Nursing care of Neonate	15
4	IMNCI	IMNCI	10
5	Nursing management in common childhood diseases	Nursing management in common childhood diseases	8
6	Childhood Emergencies	Childhood Emergencies	5
Total			60

Distribution of Lab/Skill hours

S.N.	Theme	Topics	Teaching hours
1	Introduction: Modern concepts of child-care	Introduction: Modern concepts of child-care	10
2	The Healthy Child	The Healthy Child	No lab hours
3	Nursing care of Neonate	Nursing care of Neonate	20
4	IMNCI	IMNCI	05
5	Nursing management in common childhood diseases	Nursing management in common childhood diseases	No lab hours
6	Childhood Emergencies	Childhood Emergencies	5
Total			40

DISTRIBUTION OF NON DIDACTIC HOURS (160hrs)

CLINICAL POSTINGS

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

Clinical area/unit	Duration (Weeks)	Learning Outcomes	Procedural Competencies/Clinical Skills	Clinical Requirements	Assessment Methods
Pediatric Medical Ward	V Sem – 2weeks VI Sem – 1week	<ul style="list-style-type: none"> • Provide nursing care to children with various medical disorders 	<ul style="list-style-type: none"> • 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 <ul style="list-style-type: none"> ○ Malnutrition ○ Oral rehydration therapy ○ Feeding & Weaning ○ Immunization schedule • Play therapy 	<ul style="list-style-type: none"> • Nursing care plan –1 • Case study presentation –1 • Health talk –1 	<ul style="list-style-type: none"> • Assess performance with rating scale • Assess each skill with checklist OSCE/OSPE • Evaluation of case study/presentation & health education session • Completion of activity record

Pediatric Surgical Ward	V Sem – 2weeks VI Sem –1week	<ul style="list-style-type: none"> Recognize different pediatric surgical conditions/malformations Provide pre & post-operative care to children with common pediatric surgical conditions/malformation Counsel & educate parents 	<ul style="list-style-type: none"> Calculation, preparation & administration of I/V fluids Bowel wash, insertion of suppositories Care for ostomies: <ul style="list-style-type: none"> Colostomy Irrigation Ureterostomy Gastrostomy Enterostomy Urinary catheterization & drainage Feeding <ul style="list-style-type: none"> Naso-gastric Gastrostomy 	<ul style="list-style-type: none"> Nursing care plan – 1 Case study/presentation – 1 	<ul style="list-style-type: none"> Assess performance with rating scale Assess each skill with checklist OSCE/OSPE Evaluation of case study/presentation Completion of activity record
Pediatric OPD/ Immunization room	V Sem – 1week	<ul style="list-style-type: none"> Perform assessment of children: health, developmental & anthropometric Perform immunization Give health education/nutritional education 	<ul style="list-style-type: none"> Assessment of children <ul style="list-style-type: none"> Health assessment Developmental assessment Anthropometric assessment Nutritional assessment Immunization Health/Nutritional education 	<ul style="list-style-type: none"> Growth and developmental study: <ul style="list-style-type: none"> Infant – 1 Toddler – 1 Preschooler – 1 Schooler – 1 Adolescent – 1 	<ul style="list-style-type: none"> Assess performance with rating scale Completion of activity record.
NICU & PICU	VI Sem – 1week	<ul style="list-style-type: none"> Provide nursing care to critically ill children 	<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> Newborn assessment – 1 Nursing Care Plan – 1 	<ul style="list-style-type: none"> Assess performance with rating scale Evaluation of observation report Completion of activity record

			<ul style="list-style-type: none">• Recording&reporting• CardiopulmonaryResuscitation(PLS)		
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Theme and total hours allotted		Topic	Code No	Competencies	Core competencies		Non-core competencies	Hour
					Must know	Desirable to know	Nice to know	
I (10 Hrs T) (10 Hrs L) Knowledge: Understand the importance of all aspects of child care. Skill: Acquire skill in providing nursing care in all settings. Attitude: Understand the	Introduction: Modern concepts of child-care	N-CHN(1) 301:V-SEM 1.1	Describe the philosophy modern concept and historical development of child care.	<ul style="list-style-type: none"> Philosophy, modern concept of child-care and Historical development of child health 			1/2hr	
		N-CHN(1) 301:V-SEM 1.2	Explain the Internationally accepted rights of the child.	<ul style="list-style-type: none"> Internationally accepted rights of the child. Cultural and religious considerations in child-care 			1/2hr	
		N-CHN(1) 301:V-SEM 1.3	Describe the National policy and legislation in relation to child health and welfare.	<ul style="list-style-type: none"> National policy and legislations in relation to child health and welfare. 			1/2hr	
		N-CHN(1) 301:V-SEM 1.4	Explain the various National programmes and agencies related to child health and welfare.	<ul style="list-style-type: none"> National programmes related to child health and welfare. National programs and agencies related to welfare services to the children 			1/2hr	

importance of nurses' role in child health nursing.							
		N-CHN(1) 301:V- SEM 1.5	<ul style="list-style-type: none"> Explain the changing trends in hospital care and hospital environment for sick child 	<ul style="list-style-type: none"> Changing trends in hospital care, preventive, promotive and curative aspect of child health Hospital environment for sick child 			1/2hr
		N-CHN(1) 301:V- SEM 1.6	Explain the role of child health nurse in caring for a hospitalized child and impact of hospitalization on the child and family	<ul style="list-style-type: none"> The role of child health nurse in caring for a hospitalized child. Impact of hospitalization on the child and family 			1/2hr
		N-CHN(1) 301:V- SEM 1.7	Explain grief and bereavement.	<ul style="list-style-type: none"> Communication techniques for children Grief and bereavement 			1/2hr
		N-CHN(1) 301:V- SEM 1.8	Describe the principles of pre and post-operative care of infants and children.	<ul style="list-style-type: none"> Principles of pre and postoperative care of infants and children. 			1/2hr
		N-CHN(1) 301:V-	Identify types of medications and Explain the Calculation of fluid	<ul style="list-style-type: none"> Administration of medication oral and I/M, & I/V 			1/2 hr

			SEM 1.9	requirement	Calculation of fluid requirement		
			N-CHN(1) 301:V-SEM 1.10	Explain the restraint	<ul style="list-style-type: none"> Application of restraints 		1/2 hr
			N-CHN(1) 301:V-SEM 1.11	Elaborate the assessment of pain in children	<ul style="list-style-type: none"> Assessment of pain in children 		1/2 hr
			N-CHN(1) 301:V-SEM 1.12	Explain the Immunization	<ul style="list-style-type: none"> Immunization 		1 hr
			N-CHN(1) 301:V-SEM 1.13	Explain Difference between an adult and child which affect response to illness	<ul style="list-style-type: none"> Difference between an adult and child which affect response to illness 		1 hr
			N-CHN(1) 301:V-SEM 1.14	Describe the Physiological Psychological Social Immunological	<ul style="list-style-type: none"> Physiological Psychological Social Immunological 		1 hr
			N-CHN(1) 301:V-SEM	Explain Child morbidity and mortality rates and preventive measures	<ul style="list-style-type: none"> Child morbidity and mortality rates. Preventive measures towards accidents 		1 hr

			1.15						
			N-CHN(1) 301:V-SEM 1.16	Describe preventive pediatrics and Cold Chain.				<ul style="list-style-type: none"> • <i>Preventive pediatrics:</i> <ul style="list-style-type: none"> ○ Concept ○ Immunization Immunization programs and cold.	½hr
			N-CHN(1) 301:V-SEM 1.17	Describe the Care of under-five and Under-five Clinics/Well-baby clinics				<ul style="list-style-type: none"> • Care of under-five and Under-five Clinics/Well-baby clinics • 	½hr
II (12 Hrs)	At the end of unit students are able to Knowledge: Understand and explain normal growth and development of child. Skill: Assess the growth and development of child correctly.	The healthy child	N-CHN(1) 301:V-SEM 2.1	Explain the nutritional needs of children and infants- breast feeding	<ul style="list-style-type: none"> • Nutritional Needs of children and infants • -Breast feeding 			1 hr	
			N-CHN(1) 301:V-SEM 2.2	Explain principles and the factors affecting growth and development.					<ul style="list-style-type: none"> • Principles of growth and development. • Factors affecting growth and development.
			N-CHN(1) 301:V-SEM 2.3	Explain the growth and development of infants.	<ul style="list-style-type: none"> • Growth and development from birth to adolescence. 				1/2hr
			N-CHN(1) 301:V-SEM 2.4	Describe the growth and development of toddler children.					1/2hr
			N-CHN(1) 301:V-	Explain the growth and development of preschooler and					1/2hr

Attitude: Appreciate the socio culture and economic impact on growth and development.	SEM 2.5 schooler children.						
	N-CHN(1) 301:V-SEM 2.6 Describe the growth and development of adolescent children.					1/2hr	
	N-CHN(1) 301:V-SEM 2.7 Describe the nutritional needs of infants.	<ul style="list-style-type: none"> • Nutritional needs of children and infants. 					1/2hr
	N-CHN(1) 301:V-SEM 2.8 Describe the nutritional needs of infants.	<ul style="list-style-type: none"> • Nutritional needs of children and infants. 					1/2hr
	N-CHN(1) 301:V-SEM 2.9 Explain breast feeding.	<ul style="list-style-type: none"> • Breast feeding, exclusive breast feeding. 					1 hr
	N-CHN(1) 301:V-SEM 2.10 Describe artificial feeding and weaning	<ul style="list-style-type: none"> • Supplementary/artificial feeding and weaning 					1 hr
	N-CHN(1) 301:V-SEM 2.11 Explain various developmental theories.		<ul style="list-style-type: none"> • Developmental theories. 				1 hr
	N-CHN(1) 301:V-SEM 2.12 Explain needs of normal children through the stages of development and parental guidance from Infant and toddler		<ul style="list-style-type: none"> • The needs of normal children through the stages of developmental and parental guidance 				1 hr

			N-CHN(1) 301:V-SEM 2.13	Explain needs of normal children through the stages of development and parental guidance from Preschooler to Adolescent		• The needs of normal children through the stages of development and parental guidance		1hr
			N-CHN(1) 301:V-SEM 2.14	Describe Baby friendly hospital concept			• Baby friendly hospital concept	1 hr
			N-CHN(1) 301:V-SEM 2.15	Describe play and selection of play material			• Types and value of play and selection of play material	1 hr
III (15H rsT) 20(L)	At the end of unit students are able to: Knowledge: Understand and describe the management of neonate. Skill: Render effective nursing care to neonate. Attitude: Appreciate intersectoral coordination in organizing	Nursing care of neonate	N-CHN(1) 301:V-SEM 3.1	Describe the appraisal of newborn	• Appraisal of Newborn			1 hr
			N-CHN(1) 301:V-SEM 3.2	Explain the nursing care of normal newborn or essential newborn care.	• Nursing care of normal newborn/essential newborn care.		1 hr	
			N-CHN(1) 301:V-SEM 3.3	Explain the Neonatal resuscitation	• Neonatal resuscitation		1 hr	
			N-CHN(1) 301:V-SEM 3.4	Describe Hyperbilirubinemia	• Hyperbilirubinemia		1 hr	
			N-	Explain the hypothermia	• Hypothermia		1 hr	

<p>ideal neonatal unit. At the end of unit students are able to:</p> <p>Knowledge: Understand and describe the management of neonate.</p> <p>Skill: Render effective nursing care to neonate.</p> <p>Attitude: Appreciate intersectoral coordination in organizing ideal neonatal unit.</p>	<p>CHN(1) 301:V- SEM 3.5</p>	and hyperthermia	<ul style="list-style-type: none"> Hyperthermia 			
	<p>N-CHN(1) 301:V- SEM 3.6</p>	Describe metabolic disorder	<ul style="list-style-type: none"> Metabolic disorder 			1 hr
	<p>N-CHN(1) 301:V- SEM 3.7</p>	Explainneonatal infections	<ul style="list-style-type: none"> Neonatal infections 			1 hr
	<p>N-CHN(1) 301:V- SEM 3.8</p>	Describe neonatal seizures.	<ul style="list-style-type: none"> Neonatal seizures 			1 hr
	<p>N-CHN(1) 301:V- SEM 3.9</p>	Describe Kangaroo mother care	<ul style="list-style-type: none"> Kangaroo mother care 			1/2hr
	<p>N-CHN(1) 301:V- SEM 3.10</p>	Describe the neonatal equipment	Neonatal equipment			½ hr
	<p>N-CHN(1) 301:V- SEM 3.11</p>	Describe low birth weight baby		Nursingmanagementoflowbirthweightbaby		1 hr
	<p>N-CHN(1) 301:V- SEM 3.12</p>	Explain the Organization of neonatal care unit		<ul style="list-style-type: none"> Organization of neonatal care unit 		3hrs

			N-CHN(1) 301:V-SEM 3.13	Identify the role of nurse in Organization of neonatal care unit		Organization of neonatal care unit		1hr
			N-CHN(1) 301:V-SEM 3.14	Describe the retinopathy of prematurity and respiratory distress syndrome			<ul style="list-style-type: none"> • Retinopathy of Prematurity • Respiratory distress syndrome 	1 hr
IV IMNCI (10HrsT) (10HrsL)	At the end of unit students are able to: Knowledge: Understand social and behavioral problems in children associate with Accidents Skill: Deal effectively	IMNCI	N-CHN(1) 301:V-SEM 4.1	Explain the concept, objectives, components and principles of integrated management of neonatal and childhood illness. (IMNCI).	<ul style="list-style-type: none"> • Concept, objectives, components and principles. 			1 hr
			N-CHN(1) 301:V-SEM 4.2	Describe the case management process of IMNCI.	<ul style="list-style-type: none"> • Case management process. 			1hr
			N-CHN(1) 301:V-SEM 4.3	Explain the outpatient Management of young Infants up to 02 years.	<ul style="list-style-type: none"> • Out patient management of young Infants up to 02 years. 			½ hr
			N-CHN(1) 301:V-SEM 4.4	Describe out patient management of young Infants from 02 years to 05 years.	<ul style="list-style-type: none"> • Out patient management of young Infants from 02 years to 05 years. 			½ hr

	y with childhood emergencies. Attitude: Educate parents, family & community about		N-CHN(1) 301:V-SEM 4.6	Describe the principle management of sick children in small hospital.		<ul style="list-style-type: none"> Principles of management of sick children in small hospital, 		1hrs
			N-CHN(1) 301:V-SEM 4.7	Explain the management of sick children in small hospital.		<ul style="list-style-type: none"> Principles of management of sick children in small hospital, 		2hrs
			N-CHN(1) 301:V-SEM 4.8	Describe reproductive and child health.		<ul style="list-style-type: none"> Reproductive and child health. 		2 hrs
			N-CHN(1) 301:V-SEM 4.9	Explain the National Population policy 2000.			<ul style="list-style-type: none"> National Population policy2000 	2 hrs
V (8Hrs T)		Nursing management in common childhood diseases	N-CHN(1) 301:V-SEM 5.1	Enlist the nursing management of congenital malformations	<ul style="list-style-type: none"> Identification and Nursing management of congenital malformations 			1 hr
			N-CHN(1) 301:V-SEM 5.2	Describe Tracheoesophageal fistula.	<ul style="list-style-type: none"> Congenital disorders: Tracheoesophageal fistula, 			1 hr
			N-CHN(1) 301:V-SEM 5.3	Explain the Diaphragmatic hernia	<ul style="list-style-type: none"> Diaphragmatic hernia 			1 hr
			N-CHN(1) 301:V-SEM 5.4	Describe Juvenile Diabetes mellitus	<ul style="list-style-type: none"> Juvenile Diabetes mellitus 			1 hr

			N-CHN(1) 301:V-SEM 5.5	Explain Hypothyroidism	• Hypothyroidism			1 hr
			N-CHN(1) 301:V-SEM 5.6	Describe Acute naso pharyngitis, Tonsillitis, Croup		• Others: Acute nasopharyngitis, Tonsillitis, Croup		1 hr
			N-CHN(1) 301:V-SEM 5.7	Explain bronchitis and bronchiolitis,		• Bronchitis Bronchiolitis,		1 hr
			N-CHN(1) 301:V-SEM 5.8	Explain the Pneumonia, Asthma.			• Pneumonia, Asthma.	1hr
VI (5Hrs T) (5Hrs L)	At the end of unit students are able to: Knowledge: Understand social and behavioral problems in children associate with Accidents Skill: Deal effectively with childhood emergencies	Childhood emergencies	N-CHN(1) 301:V-SEM 6.1	Explain accidents – its causes and prevention	• Accidents – causes and prevention			1hrs
			N-CHN(1) 301:V-SEM 6.2	Describe Poisoning, Foreign bodies	• Poisoning, Foreign bodies			1hrs
			N-CHN(1) 301:V-SEM 6.3	Explain the PLS	• PLS (AHA Guidelines)			1hrs
			N-CHN(1) 301:V-SEM 6.5	Explain Hemorrhage.		• Hemorrhage		1 hr
			N-CHN(1)	Describe burns and drowning.		• Burns and Drowning		1 hr

	es. Attitude: Educate parents, family & communit y about childhood emergenci es		301:V- SEM 6.5					
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DEMONSTRATIVE TEACHING (Lab/Skill Lab) –40hrs (lab + tutorial Mpbl)

S. N	Comp. no	TOPIC	Domain	T-L Method	Teaching Hrs
1.	N- CHN(1)301:V- SEM 1.9	Administration of medication :oral, I/M,& I/V	K,S	Demonstration	2 hrs
2.	N- CHN(1)301:V- SEM 1.9	Calculation of fluid requirement	K,S	Demonstration	2 hrs
3.	N- CHN(1)301:V- SEM 1.10	Application of restraints	K,S	Demonstration	2 hrs
4.	N- CHN(1)301:V- SEM 1.11	Assessment of pain in children.	K,S	Demonstration	2 hrs
5.	N- CHN(1)301:V- SEM 1.12	Immunization	K,S	Demonstration	2 hrs
6.	N- CHN(1)301:V- SEM 2.3	Assessment of growth & development of newborn	K,S	Demonstration	2 hrs
7.	N- CHN(1)301:V- SEM 2.3	Assessment of growth & development of Infant	K,S	Demonstration	2 hrs
8.	N- CHN(1)301:V- SEM 2.4	Assessment of growth & development of Toddler	K,S	Demonstration	2 hrs
9.	N- CHN(1)301:V- SEM 2.5	Assessment of growth & development of Preschooler	K,S	Demonstration	2 hrs
10.	N- CHN(1)301:V- SEM 2.5	Assessment of growth & development of Schooler	K,S	Demonstration	2 hrs
11.	N- CHN(1)301:V- SEM 2.6	Assessment of growth & development of Adolescent	K,S	Demonstration	2 hrs
12.	N- CHN(1)301:V- SEM 2.9	Breast feeding	K,S	Demonstration	2 hrs
13.	N- CHN(1)301:V- SEM 2.9	Katori - Spoon feeding	K,S	Demonstration	2 hrs
14.	N- CHN(1)301:V- SEM 2.10	Paladai feeding	K,S	Demonstration	2 hrs
15.	N- CHN(1)301:V- SEM 2.10	Weaning	K,S	Demonstration	2 hrs
16.	N- CHN(1)301:V- SEM 2.10	Formula preparation	K,S	Demonstration	2 hrs
17.	N- CHN(1)301:V- SEM 2.10	Oral rehydration therapy	K,S	Demonstration	2 hrs
18.	N- CHN(1)301:V- SEM 2.15	Play therapy	K,S	Demonstration	2 hrs

19.	N- CHN(1)301:V- SEM 3.2	Essential new born care	K,S	Demonstration	2 hrs
20.	N- CHN(1)301:V- SEM 3.9	Kangaroo mother care	K,S	Demonstration	2 hrs
21.	N- CHN(1)301:V- SEM 5.8	Administration of O ₂ inhalation by different methods	K,S	Demonstration	2 hrs
22.	N- CHN(1)301:V- SEM 4.1	IMNCI module	K,S	Demonstration	2 hrs
23.	N- CHN(1)301:V- SEM 6.3	PLS Neonatal resuscitation	K,S	Demonstration	2 hrs
Total					26 hrs

Modified Tutorials (12 Hours)

sr. No	Comp. no	TOPIC	Domain	T-L Method	Teaching Hrs
1.	N-CHN(1)301:V- SEM 1.1	National programs and agencies related to welfare services to the children	K,S	Tutorials	1 Hour
2.	N-CHN(1)301:V- SEM 1.12	Immunization	K,S	Tutorials	1 Hour
3.	N-CHN(1)301:V- SEM 2.3	Growth and development from birth to adolescence	K,S	Tutorials	1 Hour
4.	N-CHN(1)301:V- SEM 2.15	Play	K,S	Tutorials	1 Hour
5.	N-CHN(1)301:V- SEM 3.5	Hypothermia	K,S	Tutorials	1 Hour
6.	CHN(1)301:V- SEM 3.8	Neonatal seizures			
7.	N-CHN(1)301:V- 3.11	Low birth weight baby	K,S	Tutorials	1 Hour
8.	N-CHN(1)301:V- SEM 5.2	Tracheoesophageal fistula,.	K,S	Tutorials	1 Hour
9.	N-CHN(1)301:V- SEM 5.3	Diaphragmatic hernia	K,S	Tutorials	1 Hour
TOTAL					8Hours

Integration/MPBL- 06 hrs

No	Comp. no	TOPIC	Domain	T-L Method	Teaching Hrs
1	N-CHN(1)301:V-SEM 5.3	Diaphragmatic hernia	K	Lecture cum discussion	06 Hours

Distribution of Non didactic hours (160)

Clinical Hours

S N.	Comp. no	Content	Domain	T-L Method	Teaching Hrs
1	N-CHN(1)301:V-SEM 1.8	Taking pediatric history and performing Physical examination & assessment of children	K,S	Small group discussion	5 hrs
2	N-CHN(1)301:V-SEM 1.9	Calculation of fluid replacement, Preparation of different strengths of I/V fluids	K,S	Demonstration	5 hrs
3	N-CHN(1)301:V-SEM 1.12	Play therapy	K,S	Demonstration	5 hrs
4	N-CHN(1)301:V-SEM 2.3	Assessment of children - Health assessment	K,S	Small group discussion	5hrs
5	N-CHN(1)301:V-SEM 2.4	Assessment of children- Developmental assessment	K,S	Small group discussion	5hrs
6	N-CHN(1)301:V-SEM 2.7	Assessment of children- Nutritional assessment	K,S	Small group discussion	5hrs
7	N-CHN(1)301:V-SEM 2.9	Feeding children by Katori spoon, Paladai cup	K,S	Small group discussion	5 hrs
8	N-CHN(1)301:V-SEM 2.9	Oral rehydration therapy	K,S	Demonstration	5 hrs
9	N-CHN(1)301:V-SEM 2.10	Feeding & Weaning	K,S	Demonstration	5 hrs
10	N-CHN(1)301:V-SEM 1.16	Immunization schedule	K	Small group discussion	5 hrs
11	N-CHN(1)301:V-SEM 2.15	Play therapy	K,S	Demonstration	5 hrs
12	N-CHN(1)301:V-SEM 3.2	Application of restraints	K,S	Demonstration	5 hrs
13	N-CHN(1)301:V-SEM 3.4	Phototherapy	K,S	Small group discussion	5 hrs
14	N-CHN(1)301:V-SEM 3.11	Monitoring of babies	K,S	Small group discussion	5 hrs
15	N-CHN(1)301:V-SEM 3.13	Administration of O2 inhalation by different methods.	K,S	Demonstration	5 hrs

16	N- CHN(1)301:V- SEM 3.12	Care of a baby in incubator / warmer	K,S	Small group discussion	5 hrs
17	N- CHN(1)301:V- SEM 3.13	Care of a child on ventilator	K,S	Demonstration	5 hrs
18	N- CHN(1)301:V- SEM 3.3	Endotracheal Suction	K,S	Demonstration	5 hrs
19	N- CHN(1)301:V- SEM 3.14	Chest Physiotherapy	K,S	Demonstration	5 hrs
20	N- CHN(1)301:V- SEM 5.2	Collection of specimens for common investigations	K,S	Demonstration	5 hrs
21	N- CHN(1)301:V- SEM 5.3	Assisting with common diagnostic procedures	S	Demonstration	5 hrs
22	N- CHN(1)301:V- SEM 5.2	Feeding -Gastrostomy	K,S	Demonstration	5 hrs
23	N- CHN(1)301:V- SEM 5.3	Feeding -Jejunostomy	K,S	Demonstration	5 hrs
24	N- CHN(1)301:V- SEM 5.1	Care of surgical wounds	K,S	Demonstration	5 hrs
25	N- CHN(1)301:V- SEM 5.1	Dressing	K,S	Demonstration	5 hrs
26	N- CHN(1)301:V- SEM 5.1	Suture removal	K,S	Demonstration	5 hrs
27	N- CHN(1)301:V- SEM 3.5	Bowel wash, insertion of suppositories	K,S	Demonstration	5 hrs
28	N- CHN(1)301:V- SEM 5.3	Care for ostomies- Ureterostomy	K,S	Small group discussion	5 hrs
29	N- CHN(1)301:V- SEM 5.3	Care for ostomies- Gastrostomy	K,S	Small group discussion	5 hrs
30	N- CHN(1)301:V- SEM 5.3	Care for ostomies- Enterostomy	K,S	Small group discussion	5 hrs
Total					150/160

TEACHING STRATEGY:

Total Hours: 260 Theory Hours: 60 Lab/skill: 40 Clinical/Practical Hours: 160

Theory

Continuous Assessment: 10Marks

Sr. No	Assignments	Percentage of Attendance required	Allotted marks	Total Marks for attendance
1	Attendance	95-100%	2	2 marks
		90-94%	1.5	
		85-89%	1	
		80-84%	0.5	
		<80%	0	
		Number of assignments required	Marks	Total Marks allotted
2	Written Assignments	2	2X5	10
3	Seminar/Microteaching/Individual presentation	2	2x6	12
4	Group work/Work/Report	1	1x6	06
5	Mandatory Module :	1	1x10	10
			Total	40/4=10Marks

Note: If there is mandatory module in that semester, marks obtained by student out of 10 can be added to 30 totaling 40 marks

Total=40/4=10mark

Practical

Continuousassessment:10 marks

Sr. No	Assignments	Percentage of Attendance	Allotted marks	Total Marks for attendance
1	Attendance	95-100%	2	2 marks
		90-94%	1.5	
		85-89%	1	
		80-84%	0.5	
		<80%	0	
		Number assignments	Marks	Total Marks
2	Clinical presentation	3x20	60	10marks
3	Drug presentation report	2x20	40	
4	Case study report	5x20	100	
5	Continuous evaluation of clinical performance	01	10marks	10marks
6	End of posting OSCE	01	05marks	05marks
7	Completion of procedures and clinical requirements		03marks	03marks
			Total	30/3=10

Formative Assessment

1. Sessional Examinations: Theory: I

2. Sessional Examinations: Theory: II

2. Formative Assessment: Practical

a. Practical: Sessional examinations: I

Exam pattern	Sessional examination I	Total
OSCE	10 marks	30Marks
DOP (Directly observed practical in the clinical setting)	20marks	

b. Practical: Sessional examinations: II

Exam pattern	Sessional examination II	Total
OSCE	10 marks	30 Marks
DOP (Directly observed practical in the clinical setting)	20marks	

c. Calculation of Internal assessment: Practical

Attendance					Clinical presentation			Drug presentation report		Case study report					Continuous evaluation of clinical performance	End of posting OSCE	Completion of procedures and requirements
95-100 %	90 - 94	85 - 89	80-84	Below 80	1	2	3	1	2	1	2	3	4	5	1	1	1
2M	1.5	1	0.5	0	20	20	20	20	20	20	20	20	20	20	10	5	3

Calculation of Internal Assessment (IA): Practical

- Total marks of practical assignment to be added i.e. Continuous assessment:30/3=10marks
- Two Sessional examinations: 30/2=15 Marks
- Minimum required 50 %

