



Child Health Nursing – I Module

Bachelor of Science (Honours) in Nursing Degree
Department of Nursing and Midwifery
Faculty of Allied Health Sciences
University of Sri Jayewardenepura

Child Health Nursing I Module

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Child Health Nursing I Module

Introduction

The Bachelor of Science Honours in Nursing degree (BScHons (Nursing)) is a level 6, Pre-Registration Degree course designed to equip nurse practitioners, who are beginners, with competencies in providing safe and effective nursing care of high standard in a variety of settings. The graduates of this degree will be able to practice as Generalist Nurses, Midwives and Community Health Nurses.

The curriculum provides a sound scientific and humanistic foundation for nursing practice enabling the students to develop competencies necessary for the delivery of nursing care related to prevention, maintenance, cure, rehabilitation and promotion of health. It also addresses the acute and chronic health problems of clients throughout their life span, including care of the child bearing woman from conception to child birth.

Child Health Nursing subject will provide students a foundation of knowledge or paediatrics, perspective and the nurse's role of child health nursing. It will introduce the student to the concept of family centered care in hospital environment and impact of illness on children and family. Child development, child health promotion, protection and illness prevention are also discussed.

Credits: 06

Placement: 3rd year

Teaching Units: Department of Nursing and Midwifery

Department of Paediatrics

Subject	Lecture/ Tutorial	Lec. credits	Lab Hrs	Lab credits	Practice Hrs	Prac. credits	Total Hrs	Total credits
Child Health Nursing I	37.5	2.5	15	0.5	150	3	202.5	6

General objective:

The students will be able to develop knowledge and skills needed to care for neonates & children in health and in illness.

General objectives:

At the end of this course, students will be able to:

1. Explain the concepts of child care and principles of paediatric nursing.
2. Describe the normal growth and development of children at different stages.
3. Describe principles and methods of child health promotion, protection, and illness prevention.
4. Discuss responses to a child's illness.
5. Develop skills in identifying needs of neonates, infants and children in illness, planning, implementing and evaluating nursing care using nursing process.
6. Participate in preventive activities such as immunization and health education.
7. Gain knowledge and skills in providing health education to the family in the care of children.

Assessments

Continuous Assessment - Third year

Subject	Components of Assessment	Marks Allocated
Child Health Nursing I	Case Histories - 05	10%

Bachelor of Science Honours in Nursing - Part III Examination

Subject/Course Unit	Component of assessment	No of Questions	Time Allocation	Marks Allocated	
Child Health Nursing I	MCQ	30	1 hour	25%	90%
	SEQ	03	1 ½ hours	25%	
	Skills Assessment	OSPE 10	5 minutes for each	40%	

Main content areas

Main Content Area	Lectures (Hours)		Practical sessions (Hours) Skills lab	Tutorials/S GD sessions (Hours)
	Dept. of Nursing and Midwifery	Dept. of Paediatrics		
1. Concepts of Child Health Nursing	01			
2. Growth and development of children	05	01		
3. Child health promotion, protection and illness prevention	04	01	01	01
4. Responses to a child's illness	01			
5. Nursing management of neonates	1.5	45 minutes	01	
6. Nursing management of children with cardiovascular disorders	04	01		01
7. Nursing management of children with respiratory disorders	3	01		01
8. Nursing management of children with fluid and electrolyte imbalances	01	01		
9. Nursing management of children with gastrointestinal disorders	04	02	01	01
10. Nursing management of children with genitourinary disorders	03	01	01	
11. Nursing management of children with neurological disorders	03	01	01	01
12. Nursing management of children with endocrine disorders	02	01		01
13. Nursing management of children with skin disorders	02	01		01

1. Concepts of Child Health Nursing

Intermediate Objectives	Broad Content Area	Activity	Duration
<ul style="list-style-type: none">• To describe the history, current trends and nurses role in child health nursing	<ul style="list-style-type: none">• History and perspective of Child Health Nursing• Current trends in child health nursing• Role of nurse in child health nursing	Lecture	01

2. Growth and development of children

Intermediate Objectives	Broad Content Area	Activity	Duration
<ul style="list-style-type: none">• To outline principles and factors influencing growth and development• To describe Cognitive and Social development• To demonstrate how to assess growth and development of children	<ul style="list-style-type: none">• Principles of growth and development• Factors influencing development• Cognitive & social development• Developmental surveillance• Developmental screening tools	Lecture Practical	06

3. Child health promotion, protection and illness prevention

Intermediate Objectives	Broad Content Area	Activity	Duration
<ul style="list-style-type: none"> • To describe health promotion, protection and illness prevention in infants • To describe health promotion, protection and illness prevention in early childhood • To describe health promotion, protection and illness prevention in middle childhood • To describe health promotion, protection and illness prevention in adolescents 	<ul style="list-style-type: none"> • Normal infant and special needs of the newborn • Nutritional needs and infant feeding • Health problems in infancy • Toddlers • Preschoolers • Health problems in early childhood • health problems in School-aged children • health problems in adolescents • Immunization 	Lecture Practical	06

4. Responses to a child's illness

Intermediate Objectives	Broad Content Area	Activity	Duration
<ul style="list-style-type: none"> • To describe child's and family's responses to child's illness 	<ul style="list-style-type: none"> • Response of children to hospitalization • Family's response to child's hospitalization • Child's response to a chronic illness • Family's response to a child's chronic illness 	Lecture	01

5. Nursing management of neonates

Intermediate Objectives	Broad Content Area	Activity	Duration
<ul style="list-style-type: none">• To describe nursing management of neonates	<ul style="list-style-type: none">• Normal neonate• Prematurity and low birth weight• Birth injuries• Perinatal asphyxia• Neonatal hyperbilirubinemia• Respiratory distress Syndrome	Lecture Practical	03

6. Nursing management of children with cardiovascular disorders

Intermediate Objectives	Broad Content Area	Activity	Duration
<ul style="list-style-type: none">• To describe nursing management of children with cardiovascular disorders	<ul style="list-style-type: none">• Congenital heart defects<ul style="list-style-type: none">▪ Acyanotic defects▪ Cyanotic defects• Acquired heart diseases<ul style="list-style-type: none">▪ Bacterial / infective endocarditis▪ Rheumatic fever▪ Kawasaki disease	Lecture	06

7. Nursing management of children with respiratory disorders

Intermediate Objectives	Broad Content Area	Activity	Duration
<ul style="list-style-type: none"> • To outline congenital abnormalities of the respiratory system • To describe upper respiratory infections and obstructions • To describe lower respiratory infections and obstructions • To describe nursing management in Chronic conditions of the respiratory system 	<ul style="list-style-type: none"> • Congenital abnormalities of respiratory system • Allergic rhinitis • Sinusitis • Nasopharyngitis and pharyngitis • Tonsillitis • Croup • Epiglottitis • Bacterial tracheitis • Foreign body aspiration • Pneumonia • Bronchiolitis • Bronchitis • Asthma 	Lecture Practical	05

8. Nursing management of children with fluid and electrolyte imbalances

Intermediate Objectives	Broad Content Area	Activity	Duration
<ul style="list-style-type: none"> • To describe nursing management of children with fluid and electrolyte imbalances 	<ul style="list-style-type: none"> • Fluid imbalances • Acid-base imbalances • Electrolyte imbalances 	Lecture practical	02

9. Nursing management of children with gastrointestinal disorders

Intermediate Objectives	Broad Content Area	Activity	Duration
<ul style="list-style-type: none"> • To outline congenital malformations of the gastrointestinal tract • To describe nursing management of children with Inflammatory disorders of the gastrointestinal tract • To describe disorders of gastrointestinal motility and function • To describe nursing management of children with Chronic diarrhea • To outline Hepatic disorders 	<ul style="list-style-type: none"> • Cleft lip and palate • Esophageal atresia and tracheo-esophageal fistula • Pyloric stenosis • Hernias and hydroceles • Congenital diaphragmatic hernia • Intussusception • Hirschprung's disease • Nursing management of children with Appendicitis • Functional abdominal pain • Colic • Gastroesophageal reflux • Constipation and encopresis • Malabsorption • Nursing management of children with Biliary atresia 	Lecture Practical	08

10. Nursing management of children with genitourinary disorders

Intermediate Objectives	Broad Content Area	Activity	Duration
<ul style="list-style-type: none"> • To describe nursing management of children with genitourinary disorders • To describe nursing management of children with renal disorders 	<ul style="list-style-type: none"> • Urinary tract infection • Voiding disorders; Functional enuresis • Obstructive uropathy • Anomalies of the urethra; hypospadias • Conditions affecting the male genitalia; circumcision • Nursing management of children with <ul style="list-style-type: none"> ▪ Acute renal failure ▪ Nephrotic syndrome ▪ Acute post streptococcal glomerulonephritis 	Lecture Practical	04

11. Nursing management of children with neurological disorders

Intermediate Objectives	Broad Content Area	Activity	Duration
<ul style="list-style-type: none"> • To describe nursing management of children with adverse outcomes of neurologic conditions • To describe nursing management of children with congenital disorders of nervous system • To describe nursing management of children with infectious processes in nervous system • To describe nursing management of children with neurologic trauma 	<ul style="list-style-type: none"> • Increased intracranial pressure • Seizures • Epilepsy • Breathholding spells • Headaches • Nursing management of children with <ul style="list-style-type: none"> ▪ Spina bifida ▪ Craniofacial abnormalities; Microcephaly • Nursing management of children with <ul style="list-style-type: none"> ▪ Meningitis ▪ Encephalitis ▪ Reye's syndrome ▪ Polio myelitis • Nursing management of children with head injuries 	Lecture practical	06

12. Nursing management of children with endocrine disorders

Intermediate Objectives	Broad Content Area	Activity	Duration
<ul style="list-style-type: none"> • To describe nursing management of children with disorders of endocrine system 	<ul style="list-style-type: none"> • Disorders of the pituitary gland <ul style="list-style-type: none"> ▪ Precocious puberty ▪ Delayed puberty • Disorders of the thyroid gland <ul style="list-style-type: none"> ▪ Hypothyroidism • Disorders of the pancreas <ul style="list-style-type: none"> ▪ Diabetes mellitus • Disorders of the adrenal gland <ul style="list-style-type: none"> ▪ Congenital adrenal hyperplasia ▪ Cushing's syndrome ▪ Gonadal disorders: Ambiguous genitalia 	Lecture	04

13 Nursing management of children with skin disorders

Intermediate Objectives	Broad Content Area	Activity	Duration
<ul style="list-style-type: none"> • To describe nursing management of children with skin disorders 	<ul style="list-style-type: none"> • Neonatal skin lesions • Inflammatory skin disorders; Atopic dermatitis • Parasitic infestation <ul style="list-style-type: none"> ▪ Pediculosis ▪ Scabies • Bacterial skin disorders <ul style="list-style-type: none"> ▪ Impetigo ▪ Cellulitis • Viral skin disorders; Hand, foot, and mouth diseases • Genetic and immune-related disorders <ul style="list-style-type: none"> ▪ Urticaria ▪ angioedema 	Lecture Practical	04

Lab hours (skills lab)

Neonatal resuscitation

Baby bath

Paediatric restraints

Course activities: Lecture, Group discussion / tutorials, Assignment

Teaching media: Multimedia, Videotape, Handouts

Recommended readings:

Olds, S.B., London, M.L., & Ladewig, P.W. (1996). *Maternal-newborn nursing: A family centered approach* (5th ed.). Menlo Park, CA : Addison-Wesley

Ball, J., & Bindler, R. (1995). *Pediatric nursing: Caring for children*. Norwalk, CT: Appleton & Lange.

Betz, C.L., Hunsberger, M., & Wright, S. (latest edition). *Family-centered nursing care of the children* (2nd ed.). Philadelphia : W.B. Saunders.

Bowden, V.R., Dicky, S.B., & Greenberg, C.S. (latest edition). *Children and their families: The continuum of care*. Philadelphia: W.B. Saunders.

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Clinical teaching schedule for Child Health Nursing

No	Topic	Date and time	Venue	Name of the facilitator
1.	Admission procedure, history taking and assessment of a child			
2.	Common diseases during childhood- UTI, RTI...etc Assessing for lumbar Puncture(special considerations)			
3.	Specimen collection of a child (Urine. Stools, sputum) Interpreting a growth chart			
4.	Management of child with dengue fever Febrile convulsions Nursing management of child with Nephrotic syndrome			
5.	Nursing care for the child on phototherapy (Neonatal Jaundice) Immunization			
6.	Special considerations in IV cannulation and administration of drugs in a paediatric ward, Management of a child with diarrhoea and vomiting (Dehydration)			
7.	Different types of Oxygen administration methods and Nebulization. (including head box)			
8.	CPR			
9.	Restraining methods			