

INSTITUTE OF ADVANCED NURSING STUDIES

Post-Registration Certificate Course in Child and Adolescent Nursing 2024/25

28/10/2024 – 24/06/2025

Organised by Institute of Advanced Nursing Studies and Conducted by Kowloon East Cluster

The Nursing Council of Hong Kong has approved the Hospital Authority as a provider of Continuing Nursing Education (CNE) since 1 December 2005

PROGRAM INFORMATION

PROGRAM AIM(S)

1. To develop the competencies of the registered nurses in Child and Adolescent Nursing for the provision of quality specialized care to paediatric patients
2. To update the course participants with recent development in Child and Adolescent Nursing

PROGRAM INTENDED LEARNING OUTCOMES

Upon completion of the program, the participants should be able to:

1. master the knowledge of anatomy, pathophysiology, altered physiology of growth & development, and pathology of various diseases specific to children/ adolescents
2. perform nursing/ health/ physical assessments and identify the health care needs of children/ adolescents
3. develop appropriate care plans for children and adolescents across the range of developmental maturity, clinical conditions and situations
4. implement planned care and patient education in response to the clinical needs of children/ adolescents and their carers
5. evaluate the effectiveness of the care and response of children/ adolescents to therapeutic interventions
6. identify the health risks of children/ adolescents and provide corresponding preventive measures
7. establish a therapeutic and caring relationship with child and their parents to enhance effectiveness of care and to achieve therapeutic goals

8. plan and conduct a clinical project for the improvement of current nursing practice and quality of patient care

TARGET PARTICIPANTS

1. Nurses in RN rank
2. Priority will be given to nurses currently working in the Paediatric units or departments related to children and adolescent nursing.
3. Lower priority will be given to nurses who have enrolled in previous PRCC without successful completion.
4. Exemptions: participants who had completed “The Core Module of the PRCC in Paediatric Specialty nursing” within the last three years [i.e. 2021/22, 2022/23, 2023/24] could be granted direct entry to Module II based on the exemption criteria endorsed by the Institute of Advanced Nursing Studies.

ENTRY REQUIREMENTS

1. Registered nurses with valid practicing certificate issued by the Nursing Council of Hong Kong.
2. Nurses having not less than 24 months post-registration experience.

CLASS SIZE

41

LANGUAGE MEDIUM

Both English and Cantonese will be used in class. All written assignments and assessments will be in English.

PROGRAM DURATION

28/10/2024 – 24/06/2025

PROGRAM DESIGN

This program consists of theoretical input (Module I & Module II) and clinical practicum.

A. Theoretical input

Module I – Core Module

The participants are required to complete the following e-Learning courses in the *eLC+ platform* on or before 01/12/2024 23:59.

A quiz is included at the end of each e-Learning course. It comprises of multiple choice questions with unlimited attempts allowed during the period (28/10/2024 – 01/12/2024) and the passing score is **100%**.

No.	Topic	CNE points
1	Role of Paediatric Nurse in Family-Centred Care and Transitional Care	1
2	Child Life Service – Psychosocial Care to Hospitalised Children	1
3	Paediatric Neurological Problems: from Common to Rare but Important Ones	1.5
4	Radiological Imaging in Paediatrics	1
5	Basic Child Assessment: Concept of Growth & Development and its Application	2
6	Common Genetic Diseases in Children & Genetic Counseling	1
7	Paediatric Renal Problem	0.5
8	Paediatric Infectious Diseases and HIV in Children; Immunization Programs	1.5
9	Nursing Management of Paediatric Cardiovascular Problems	2
10	Ethical and Legal Issue in Paediatrics	1.5
11	Paediatric Respiratory Problems	1.5
12	Nursing Management of Paediatric Respiratory Problems	1
13	Nursing Management of Paediatric Neurological and Neuro-muscular Problems	2
14	Tracheostomy care	1
15	Pain Management and Sedation Safety	2
16	Common Gastrointestinal Problems	1
17	Nutritional Assessment and Nursing Management	1
18	Child Protection	1
19	Paediatric Monitoring and Paediatric Early Warning Signs	1
20	Haematological Problems: Anaemia and Bleeding Disorders	1
21	Palliative Care in Paediatrics	1
22	Orthopaedic Problems in Paediatrics	1

Module II – Specialty-specific Module

Day	Date	Time	Activity	Venue / online
Day 1	03/12/2024	09:00 – 17:30	Study Day	Auditorium, G/F, Hospital Main Block, TKOH
Day 2	10/12/2024	09:00 – 17:30	Study Day	
Day 3	17/12/2024	09:00 – 17:30	Study Day	
Day 4	24/12/2024	09:00 – 17:30	Study Day	
Day 5	31/12/2024	09:00 – 17:30	Study Day	
Day 6	07/01/2025	09:00 – 17:30	Study Day	
Day 7	14/01/2025	09:00 – 17:30	Study Day	

Day 8	21/01/2025	09:00 – 17:30	Study Day	
Day 9	28/01/2025	09:00 – 17:30	Study Day	
Day 10	25/02/2025	09:00 – 12:00	Written Examination	Auditorium, G/F, Hospital Main Block, TKOH
		12:00 – 17:30	Study Day	
Day 11	24/06/2025	09:00 – 17:30	Project Presentation	

B. Clinical Practicum: 6 Weeks

Group A (I): (2 Weeks) 03/03/2025 – 16/03/2025

Group A (II):(4 Weeks) 17/03/2025 – 13/04/2025 (1 PH on 04/04/2025)

Group B (I): (2 Weeks) 14/04/2025 – 27/04/2025 (3 PHs on 18, 19, 21/04/2025)

Group B (II):(4 Weeks) 28/04/2025 – 01/06/2025 (3 PHs on 01, 05, 31/05/2025)

Extended to 5 weeks due to presence of 6 PHs

TRAINING CONTENT

A. Module I

1. General health issues in paediatric nursing
 - 1.1 Concept of paediatric nursing
 - 1.2 Growth & Development (including immunization)
 - 1.3 Nursing process, physical assessment
 - 1.4 Diagnostic tests, imaging and laboratory values
 - 1.5 Legal and ethical aspects of paediatric care
 - 1.6 Grief support
2. Overview of paediatric health problems
 - 2.1 Respiratory problems
 - 2.2 Cardiac problems
 - 2.3 Neurologic problems
 - 2.4 Renal problems
 - 2.5 Haematological problems
 - 2.6 Gastrointestinal problems
 - 2.7 Muscular and skeletal problems
 - 2.8 Immunological problems
 - 2.9 Common genetic problems

B. Module II

1. Management of Respiratory System
 - 1.1 Investigations and Management of Respiratory Problems: e.g. lung function test, bronchoscopy
 - 1.2 Nursing Management of Asthma
 - 1.3 Management of Patients using NIPPV

2. Management of Cardiovascular System
 - 2.1 Paediatric Cardiovascular problems
 - 2.2 Nursing Management of Paediatric Cardiovascular problems
3. Management of Renal System and Genitourinary Systems
 - 3.1 Nursing Management of Paediatric Renal Problems
4. Management of Gastrointestinal System
 - 4.1 Update on Nursing Management of Children with Gastrointestinal Problems
 - 4.2 Feeding and Swallowing in Pediatrics
 - 4.3 Management of Electrolyte and Fluid Imbalance
5. Management of Neurological System
 - 5.1 Management of Neurosurgical and neurological Problems
 - 5.2 Nursing Management of Neurosurgical and neurological Problems
6. Management of Musculoskeletal and Integumentary Systems
 - 6.1 Nursing Management of Children with Orthopaedic Problems
 - 6.2 Nursing Care of Children with Burns & Scald and Wound Care
 - 6.3 Management of Skin Problems in Children
 - 6.4 Nursing management of Children with Skin Problems
7. Management of Immunological System
 - 7.1 Overview of Common Immunological Problems in Children
 - 7.2 Diagnostic Investigations for Children with Immunological Problems
 - 7.3 Management of Rheumatological Diseases Problems
 - 7.4 Food Allergy
8. Endocrine Issues
 - 8.1 Overview of Common Endocrine Problems in Children
 - 8.2 Current Practice in Nursing Management of Children with Diabetes Mellitus
9. Management of Ear, Nose, Throat and Eye Problems
 - 9.1 Common ENT Problems in Children
 - 9.2 Nursing Management of Children with Common ENT Problems
 - 9.3 Common Eye Problems in Children
10. Management of Oncology and Hematology Issues
 - 10.1 Overview of Pediatric Oncology & Haematology Malignancy
 - 10.2 Nursing Management of the Paediatric Cancer Patient
 - 10.3 Overview of Common Haematological Problems in Children
 - 10.4 Nursing Management of Children with Anaemia and Bleeding Disorders
11. Other Special issues in Child and Adolescent Health
 - 11.1 Developmental Issues
 - 11.1.1 Clinical Growth Problem in Children

- 11.1.2 Adolescent Health Problems
- 11.1.3 Development Training & Rehabilitation
- 11.1.4 Positive Parenting
- 11.1.5 Common Developmental Problems: Developmental and Language Delay; Dyslexia, ADHD and ASD
- 11.2 Mental health and Behavioral Issues
 - 11.2.1 Common Behavioral Problems in Children and Adolescents
 - 11.2.2 Nursing Management of Children with ADHD and Autism
 - 11.2.3 Communication with Adolescent and Nursing Management of Adolescent Health Problems
 - 11.2.4 Common Mental Health Problem – Psychosis and EASY
- 11.3 Surgical Issues
 - 11.3.1 Nursing Management of Children with Common Surgical Problems
 - 11.3.2 Overview of Common Surgical Problems in Children
- 11.4 Miscellaneous
 - 11.4.1 Toxicology
 - 11.4.2 Transitional Care
 - 11.4.3 Paediatric Emergency
 - 11.4.4 Simulation on Paediatric Emergency / Safety
 - 11.4.5 Metabolic Disease

TEACHING & LEARNING STRATEGIES

1. Lectures and demonstrations
2. Group discussion
3. Tutorials
4. Group projects (*including oral presentation*)
5. Case studies
6. Clinical teaching & supervised clinical practice
7. Self-directed learning

ASSESSMENT

Components	Date / submission deadline	Weighting
A. Written Assessment		
1. Written Examination Examination	25/02/2025	60%
2. Group Project		20%
(I) Written Report	17/06/2025	(12%)
(II) Oral Presentation	24/06/2025	(8%)
3. Patient Care Study	Group A: 20/04/2025 Group B: 08/06/2025	20%

B. Continuing Clinical Assessment	On the last day of Clinical Practicum	100%
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The participants are required to attain 50% or above in each component of the written assessment and the continuing clinical assessment.

AWARD OF CERTIFICATE

An electronic Certificate of Achievement will be awarded to those participants who have completed all parts of the course and passed all assessments.

CNE POINTS

This program is equivalent to 221.5 CNE points.

Theoretical Input:	77 hours (77 CNE points)
Online Training Module:	27.5 hours (27.5 CNE points)
Clinical Practicum:	234 hours (117 CNE points)

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TIMETABLE

Date/Time	09:00-10:00	10:00-11:00	11:00-11:15	11:15-12:15	12:15-13:15	13:15-14:15	14:15-15:15	15:15-15:30	15:30-16:30	16:30-17:30
Module II Day 1 03/12/24 (Tuesday) Venue: TKOH On Duty VL: Wong Sau Wai PYNH	09:00-10:00 Course Orientation Program Director	10:00-10:10 Break	10:10-12:10 Development Training & Rehabilitation		12:15-13:15 Adolescent Health Problem Dr. Cheung Chi Hung, Patrick, CON(P&AM), UCH		14:15-15:15 An Overview of Dietary Management in Different Medical Condition Dr. Bowie Leung Specialist in Paediatrics, PWH	15:15-15:30 Break	15:30-16:30 Communication with Adolescent and Nursing Management of Adolescent Health Problems Ms. Poon Yee Man, Iris APN(PAED), HKCH	
			16:30 – 17:30 Group Project Discussion / Integrated case discussion							
Module II Day 2 10/12/24 (Tuesday) Venue: TKOH On Duty VL: Wong Lai Yee Helene PWH	9:00-10:00 Management of Rheumatological Diseases e.g. SLE, JIA Dr. HO Chi Hang Assunta AC/Paed/PWH	10:00-12:00 Cardiac Issues in Children Dr. Chan Kwok Lap CON(PAED), HKCH			12:15 – 13:15 Update on Nursing Management of Children with Gastrointestinal Problems Ms. WONG Lai Yee, Helene APN(PAED), PWH	13:15-14:15 Lunch	14:15-15:45 Common Mental health problem – Psychosis, EASY, and Suicidal behavior Dr. Regina NGAI, Resident(Psy), KH		15:45-16:00 Break	16:00-17:30 Group Project Discussion / Integrated case discussion
		12:00-12:15 Break								

Date/Time	09:00-10:00	10:00-11:00	11:00-11:15	11:15-12:15	12:15-13:15	13:15-14:15	14:15-15:15	15:15-15:30	15:30-16:30	16:30-17:30	
Module II Day 3 17/12/2024 (Tuesday) Venue: TKOH On Duty VL: Wong Shuk Man Iris HKCH	<u>09:00-10:00</u> Positive Parenting Ms. Tung Sze Wai ANC (Psy) QMH	<u>10:00-11:00</u> Neuromuscular disease and management on Encephalitis in paediatrics Dr. YAM Kwan Ming Karen AC/Paed/PWH	<u>11:00-11:15</u> Break	<u>11:15-13:15</u> Nursing Management of Children with ADHD and Autism Ms. Ho Sze Wan Carol NC (Psy) AHNH/NDH/TPH			<u>14:15-15:45</u> Nursing Management of Paediatric Renal Problems Ms. Chung Pui Wa APN(Paed), HKCH		<u>15:45</u> - <u>16:00</u> Break	<u>16:00-17:30</u> Paediatric Emergency e.g. Shock, SVT Dr. Lam Hugh Simon Hung San Associate Prof.(Paed), PWH	
Module II Day 4 24/12/24 (Tuesday) Venue: TKOH On Duty VL: Ng Ching Man Helena KWH	<u>09:00- 10:30</u> Overview of Common Immunological Problems in Children e.g. Kawasaki Disease Dr. Lam Cheuk San Ivan AC(Paed), PMH		<u>10:30 – 12:00</u> Diagnostic investigations for children with immunological problems Ms. Chow Wing Yin APN(Paed), QEH		<u>12:00</u> - <u>12:15</u> Break	<u>12:15-13:15</u> Toxicology Dr. LIU Shan AC(CT), UCH		<u>14:15-15:15</u> Investigation and Management of Respiratory Problems: e.g. Lung function Test, Ms. Ng Ching Man Selena, APN(P&AM), KWH Bronchoscopy Ms. Sum Wai Yee APN(P&AM), KWH	<u>15:15</u> - <u>15:30</u> Break	<u>15:30-16:30</u> Nursing Management of Asthma Ms. Ng Ching Man, Selena, APN(P&AM), KWH	<u>16:30-17:30</u> Management of Patients using NIPPV Ms. Sum Wai Yee APN(P&AM), KWH

Date/Time	09:00-10:00	10:00-11:00	11:00-11:15	11:15-12:15	12:15-13:15	13:15-14:15	14:15-15:15	15:15-15:30	15:30-16:30	16:30-17:30
Module II Day 7 14/01/25 (Tuesday) Venue: TKOH On Duty VL: Tang Tin Wai TMH	<u>9:00-11:00</u> Management of Neurosurgical Problem Dr. Wong Sui To CON(NEURO), TMH			<u>11:15-12:15</u> Nursing Management of Neurosurgical problems Ms. Man Kwun Lin, NC(Neurosurgery), QEH	<u>12:15-13:15</u> Common ENT Problems in Children Dr. Lo Fook Wai, Jacky AC(ENT), UCH	<u>13:15-14:15</u> - <u>14:15</u> <i>Lunch</i>	<u>14:15-17:30</u> (including 15-minute break) Presentation of Group Project Framework All VLs			
Module II Day 8 21/01/25 (Tuesday) Venue: TKOH On Duty VL: Wong Sum Wai PYNH	<u>9:00-10:00</u> Nursing Management of Children with Common ENT Problems Ms. Chow Chiu Yu WM (P&AM), UCH	<u>10:00-11:00</u> Group Project Discussion / Integrated case discussion Break	<u>11:00-11:15</u> - <u>11:15</u> <i>Break</i>	<u>11:15-12:45</u> Feeding and Swallowing in Paediatrics Ms. Katrine Chau OTI(OCC), QEH	<u>12:45-13:15</u> Group Project Discussion		<u>14:15-15:15</u> Clinical Problems in Growth Dr Shirley Wong AC(PAED), QEH	<u>15:15-15:30</u> - <u>15:30</u> <i>Break</i>	<u>15:30-16:30</u> Management of Skin Problems in Children Dr. David Luk CON(P&AM), UCH	<u>16:30-17:30</u> Nursing Management of Children with Skin Problems Ms. Chan Yuk Hing APN(P&AM), UCH

Date/Time	09:00-10:00	10:00-11:00	11:00-11:15	11:15-12:15	12:15-13:15	13:15-14:15	14:15-15:15	15:15-15:30	15:30-16:30	16:30-17:30
Module II Day 9 28/01/25 (Tuesday) Venue: TKOH On Duty VL: Leung Wing Sheung QMH	<u>09:00-11:00</u> Overview of Paediatric Oncology & Haematology Malignancy Dr. Leung Wing Kwan, Alex AC(PAED), HKCH		<u>11:00</u> - <u>11:15</u> <i>Break</i>	<u>11:15-12:45</u> Common Development Problems: Developmental and Language Delay; Dyslexia, ADHD and ASD Dr. Chan Wai Man Lilian, Medical and Health Officer, DH	<u>12:45</u> - <u>13:45</u> <i>Lunch</i>	<u>13:45-15:15</u> Nursing Management of Children with Common Surgical Problems Ms. To Kit Ying, APN(OT/Surg), HKCH	<u>15:15</u> - <u>15:30</u> <i>Break</i>	<u>15:30-16:30</u> Common Eye Problems in Children Dr. Connie Lai, CON(OPH) QMH	<u>16:30-17:30</u> Food Allergy Dr. Agnes Leung Assistant Prof(PAED) CUHK	
Module II Day 10 25/02/25 (Tuesday) Venue: TKOH On Duty VL: Wong Sau Wai PYNH Lak Yuk Yu QEH Wong Lai Yee Helene PWH	<u>09:00-12:00</u> Written Examination			<u>12:00</u> - <u>12:15</u> <i>Break</i>	<u>12:15 – 13:15</u> Briefing on Course Assessments: Patient Care Study, Project Presentation and CCA Course Directors	<u>13:15</u> - <u>14:15</u> <i>Lunch</i>	<u>14:15-17:30</u> <i>(including 15-minute break)</i> Integrated case discussion workshop and presentation All VLs			
Module II Day 11 24/06/25 (Tuesday)	<u>09:00 – 13:15</u> <i>(including 15-minute break)</i>					<u>13:15</u> - <u>14:15</u> <i>Lunch</i>	<u>14:15-17:30</u> <i>(including 15-minute break)</i>			

Date/Time	09:00-10:00	10:00-11:00	11:00-11:15	11:15-12:15	12:15-13:15	13:15-14:15	14:15-15:15	15:15-15:30	15:30-16:30	16:30-17:30
Venue: TKOH On Duty VL: All VL	Group Project Presentation All VLs						Group Project Presentation All VLs			