

INSTITUTE OF ADVANCED NURSING STUDIES

Post-registration Certificate Course in Perioperative Nursing [2024/25] **(27/7/2024-9/2/2025)**

Organised by Institute of Advanced Nursing Studies and Conducted by Hong Kong 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 AIMS

1. Develop the competence of registered nurses in Peri-operative care nursing in order to ensure a high standard of specialized care for patients undergoing surgery
2. Provide interactive learning experience that will encourage nurses to develop the skills of analysis and critical awareness in order to stimulate an inquiry approach to both the theory and practice of Peri-operative care nursing
3. Enhance the nurses' awareness of relevant evidence-based findings and facilitate integration of these findings into Peri-operative care nursing practice

PROGRAM INTENDED LEARNING OUTCOMES

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

- PILO1 Perform physical, psychosocial, cognitive assessment and provide education to patients' and their significant others to prepare for their operations
- PILO2 Construct health education on patients and their significant others on their postoperative care based on their physical, psychosocial, cognitive assessment
- PILO3 Prioritize perioperative nursing care according to the assessment data of patients' intricate health conditions
- PILO4 Evaluate the health progress against expected outcomes and review care plans
- PILO5 Integrate the perioperative nursing principles and standards into the practices
- PILO6 Manage peri-operative nursing activities with multi-disciplinary collaboration
- PILO7 Organize peri-operative nursing activities with incorporation of specific nursing considerations for different types of surgery
- PILO8 Formulate nursing activities based on the utilization of technology infrastructure
- PILO9 Detect patient's potential risks throughout the perioperative stay in operating theatre and to

initiate measures to promote patient safety

- PILO10 Monitor the patient vigilantly and continuously for early detection of possible complication
- PILO11 Develop nursing care plan using crisis management principles for patient with sudden change of conditions
- PILO12 Support peri-operative practice with evidence-based knowledge
- PILO13 Demonstrate ability to conduct clinical project for enhancing quality improvement in perioperative care
- PILO14 Integrate the OSH policy and guidelines into practice

TARGET PARTICIPANTS

1. Nurses in RN rank
2. Priority will be given to those who are currently working in operating theatre and related department in HA hospitals / institutions.
3. Nurses who have previously enrolled in PRCC without successful completion may be given low priority
4. Participant who successfully completed the Fundamental Course in Perioperative Nursing in past 3 years will eligible to apply for direct entry to Module II.
 - a) 2021: 6/11/2021 – 4/12/2021
 - b) 2022: 13/8/2022 – 3/9/2022
 - c) 2023: 5/8/2023-26/8/2023

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.

EXIT REQUIREMENTS

Successfully enrolled participants are required to complete the following e-Learning course(s) **from eLC platform on or before 15/11/2024 23:59 (7 days before the written examination).**

Please upload the soft copy of certificate / e-cert of the captioned course(s) to eLC+ platform on or before 15/11/2024 23:59.

No. Title of e-Learning course / classroom training course

- 1 Principles of surgical aseptic technique
- 2 Draping material and technique
- 3 Management of inadvertent hypothermia in the operating theatre
- 4 Medical Laser Safety Awareness (HAHO HR OSH)

CLASS SIZE

70

LANGUAGE MEDIUM

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

PROGRAM DURATION

27/7/2024-9/2/2025

PROGRAM DESIGN

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

A. Theoretical input (Total 12 full and 4-half days)

Module I – Fundamental Module

Part IA:

Day	Date	Time	Venue / online	Activity
Day 1	27/7/2024	14:15-17:15	Lecture Theatre, HKEC Training Centre, PYNEH	Study day
Day 2	3/8/2024	9:00-17:15		Study day
Day 3	10/8/2024	9:00-17:15		Study day
Day 4	17/8/2024	9:00-11:00		Quiz

Part IB:

The participants are required to complete the following e-Learning courses in the ***eLC+ platform*** ***on or before 9/8/2024 23:59 (7 day before the e-Quiz/ Quiz).***

No.	Title of e-Learning course	CNE point
1	Concepts of Peri-operative Nursing/ Organization of OR Team	1
2	OT Design & Environment	1
3	Medical Gases Safety	1
4	Infection Control in OR	1

Module II – Specialty-specific Module

Day	Date	Time	Activity	Venue / online
Day 1	27/7/2024	9:00-13:15	Study day	Lecture Theatre, HKEC Training Centre, PYNEH
Day 4	17/8/2024	11:15-17:15	Study Day	
Day 5	31/8/2024	9:00-17:15	Study Day	
Day 6	7/9/2024	9:00-17:15	Study Day	

Day 7	14/9/2024	Participants must prepare both session times for Airway Workshop a.) 9:00-13:00 or b.) 13:30-17:30	Simulation Training - Airway management lecture and workshop (4-hour)	A&E Training Center, 3/F, Tang Shiu Kin Hospital
Day 8	21/9/2024	9:00-17:15	Project Framework Presentation and Study Day	Lecture Theatre, HKEC Training Centre, PYNEH
Day 9	28/9/2024	9:00-17:15	Study Day	
Day 10	4 (Thurs) or 5/10/2024 (Fri)	Participants must prepare for both dates for Trauma Drill (3 sessions) a.) 4/10/2024 PM:13:00- 17:00 or b.) 5/10/2024 AM: 8:30- 12:30 or c.) PM: 13:00- 17:00	Simulation Training- Trauma Drill (4-hour)	NTEC Simulation & Training Center, 1/F, NDH
Day 11	12/10/2024	9:00-17:15	Study Day	Lecture Theatre, HKEC Training Centre, PYNEH
Day 12	19/10/2024	9:00-17:15	Study Day	
Day 13	26/10/2024	9:00-12:00	Educational visit	KWH
Day 14	23/11/2024	9:00-13:00	Written Examination	Seminar room 1 & 2, HKEC Training Centre, PYNEH
Day 15	4/1/2025	9:00-17:15	Group Project Presentation	Lecture Theatre, HKEC Training

				Centre, PYNEH
Day 16	11/1/2025	9:00-17:15	Group Project Presentation	Seminar Room 1 & 2, HKEC Training Centre, PYNEH

B. Clinical Practicum: net 10 Weeks

Any 12 weeks including study day during period of 19/8/2024 – 29/12/2024

Allocation of Learning Areas

LEARNING AREA	Placement Period
Core	
• Recovery Room Nursing	2 weeks
• General Surgery & Nursing	2 weeks
• Orthopaedic & Trauma Surgery & Nursing	2 weeks
Elective	
• Obstetric & Gynaecological Surgery & Nursing	6 weeks (Any specialties)
• Vascular Surgery & Nursing	
• Neurosurgery & Nursing	
• Paediatric Surgery & Nursing	
• Ophthalmic Surgery & Nursing	
• ENT Surgery & Nursing	
• Head & Neck Surgery & Nursing	
• Emergency & Trauma Surgery & Nursing	

Clinical Practicum Site:

- ↗ OT, Pamela Youde Nethersole Eastern Hospital
- ↗ OT, Main OT of Queen Mary Hospital
- ↗ OT, Kwong Wah Hospital
- ↗ OT, Queen Elizabeth Hospital
- ↗ OT, Tseung Kwan O Hospital
- ↗ OR, United Christian Hospital
- ↗ OT, Caritas Medical Centre
- ↗ OT, Princess Margaret Hospital
- ↗ OT, Yan Chai Hospital
- ↗ OT, Alice Ho Miu Ling Nethersole Hospital
- ↗ OT, North District Hospital
- ↗ OT, Prince of Wales Hospital
- ↗ OT, Pok Oi Hospital
- ↗ OT, Tuen Mun Hospital
- ↗ OT, Ruttonjee & Tang Shiu Kin Hospitals*
- ↗ OT, The Duchess of Kent Children's Hospital at Sandy Bay*
- ↗ OT, Hong Kong Children's Hospital*

📍 OT, Tung Wah Hospital*

*Partial clinical practicum center

TRAINING CONTENT

Full Course Orientation Day

1. Course Introduction
2. Tutorial on Patient Care Study
3. Tutorial on Group project
4. Evidence Based Practice in Peri-operative Nursing

Module I: Introduction to Peri-operative Nursing Practices

1. Scrubbing, Gowning, Gloving and Draping
2. Swabs, Needles and Instruments Count
3. Care and Handling of Specimen
4. Principles of GA and RA
5. Principles of Pain Management & Sedation
6. Crisis Management in Anaesthesia
7. Recovery Room Nursing
8. Anaesthetic Equipment & Physiological Monitors
9. Infection Control in the O.R.
10. IV Access & Infusion Devices
11. Sterilization and Disinfection
12. Care & Handling of Basic Instruments
13. Surgical Positioning
14. Incision, Wound Closure and Healing
15. Safe use of Energy Modality
16. Surgical Suturing
17. Surgical Stapling
18. E-learning programmes:
 - Principles of surgical aseptic technique
 - Draping material and technique
 - Concepts of Peri-operative Nursing / Organization of the OR Team
 - OT Designs & Environment
 - Medical Gases Safety
 - Infection Control in the O.R.

Module IIA:

Peri-operative Assessment & Education in the Operating Theatre

1. Ambulatory Surgery
2. Nurse-led Perioperative Service: Pre-operative assessment
3. Nurse-led Perioperative Service: Post-operative Follow Up / Evaluation & Peri-operative Education
4. Pre-operative investigation, Optimization & Management for Surgical Patient
5. Anaesthesia for Special Group Patient (Elderly / Obese / Paediatric Patient)
6. Nursing Perspective in Pain Management

Risk / Hazards in the Operating Theatre

1. OSH
2. Fire in O.R.
3. Safe Medication Practice in O.R.
4. Risk Management / Sentinel Events/AIRS Incidents Sharing
5. E-learning programmes:
 - Management of inadvertent hypothermia in the Operating Theatre
 - Medical Laser safety

Module IIB:

Advances in Surgery and related Nursing Consideration

1. Gynaecology Surgery
2. HBP Surgery
3. Urology Surgery
4. Breast Surgery
5. Upper GI Surgery
6. Lower GI Surgery
7. Head & Neck Surgery / Plastic & Reconstruction Surgery
8. Vascular Surgery
9. MIS & Robotic Surgery
10. Orthopaedic and Traumatology Surgery (Upper/Lower Limbs, Spine, Pelvis, Acetabulum)
11. Neurosurgery
12. Paediatric Surgery
13. Ophthalmic Surgery
14. ENT Surgery
15. Emergency and Trauma Care
16. Organ Harvesting Nursing

Miscellaneous

1. Educational Visit – KWH
2. Trauma Drill – NTEC Simulation and Training Centre, North District Hospital
3. Hands-on Demonstration Workshop on Airway Management – AETC, Tang Shiu Kin Hospital
4. Reflective Discussion
5. Integrated Studies
6. Project Framework Presentation
7. Project Presentation
8. Quiz for Module I
9. Written Examination
10. Course Evaluation

TEACHING & LEARNING STRATEGIES

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

ASSESSMENT

Components	Date / submission deadline	Weighting
A. Written Assessment		
1. Written Examination		60%
(I) Quiz	17/8/2024	(5%)
(II) Examination	23/11/2024	(55%)
2. Group Project		20%
(I) Written Report	Final version (soft copy) submitted on eLC+platform on or before 7/2/2025 17:00	(9%)
(II) Oral Presentation	Final version (soft copy) submitted on eLC+ on or before 3/1/2025 17:00	(9%)
(III) Peer Evaluation	Hand-in on the same day of oral presentation in class 3/1/2025 & 11/1/2025	(2%)

3. Patient Care Study	1) Submit draft to mentor - 6/12/2024 (Mentor's comment return to participant- 20/12/2024) 2) Final version (soft copy submitted on eLC+ & hardcopy to mentor) on or before 10/1/2025 17:00	20%
B. Continuing Clinical Assessment	On the last day of the Clinical Practicum	100%

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 program and passed all assessments.

CNE POINTS

This program is equivalent to 296.5 CNE points.

Theoretical Input:	88 hours (88 CNE points)
Online Training Module:	4 hours (4 CNE points)
Clinical Practicum:	10 weeks (195 CNE points)
Simulation Training:	8 hours (8 CNE points)
Educational Visit:	3 hours (1.5 CNE points)

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