

Continuing Education Programme in Critical Care Nursing Prospectus



P. D. HINDUJA HOSPITAL
& MEDICAL RESEARCH CENTRE

Continuing Education Programme in Critical Care Nursing

An overview

Behind the ultra modern world renowned medical services offered by the P. D. Hinduja National Hospital & Medical Research Centre, lies a 40 year old dream.

A mission to assimilate the finest in medical & surgical talent & technique and to bring them close to the common man. It was nurtured in the heart of our great founder, Shri Parmanand Deepchand Hinduja: a hard working philanthropist who laid the foundation of the National Hospital, way back in 1951.

Today, the P. D. Hinduja National Hospital stands as a concrete testimony to the fulfillment of his dream.

Philosophy & Goal: Nursing Division

The Philosophy of Nursing in P. D. Hinduja National Hospital & Medical Research Centre is based on the belief that caring for human beings is multifaceted and while all people share commonalities of necessities for survival, we are also unique individuals. As health service professionals, we are obligated to have knowledge & skills in assisting those who come to us for care. Quality care will be given without prejudice regardless of social, ethnic, religious or political affiliation.

It is our belief that the nursing service is dependent on quality nursing education & that the purpose of nursing education is to prepare the nurses who are capable of delivering quality nursing care.

Continuing Education Programme in Critical Care Nursing

In healthcare system, the nurses assume a pivotal role in the delivery of quality healthcare and the enhancement of nursing profession can be best achieved by an education appropriate to the advances made in medicine and technology. Though the Diploma Programme in General Nursing & Midwifery offered at the School / College of Nursing prepares a "Nurse to be" the training is limited to developing the basic skills and concept in nursing practice.

With accelerating scientific, technical and social changes, the nurses are challenged to be more accountable. The clients are becoming critical of the care and demand efficiency, economy and quality assurance. Therefore the nurses too have to respond to changing times and new demands by taking added responsibilities and expanded roles.

20% of total patients admitted in our hospital are treated and nursed in the critical care units & approximately 12-15% in other specialty units. The modern critical care units and other specialty units in the organization like ours call for an advanced training program in nursing.

The graduates of nursing need further training to function effectively in modern critical care units. The planned, organized learning experience designed to augment the advanced knowledge, skills and attitudes of these graduates will ensure for giving comprehensive nursing care in a modern specialty hospital.

With these rationales, it was decided to enhance the potentials of the newly passed out nursing graduates by offering extensive continuing education program in critical care nursing.

Aim

Develop a training program which will offer comprehensive insight, impart skills and encompass knowledge of wide spectrum of science and art of comprehensive nursing enriched by experiences in clinical specialty practice and wide exposure to medical technology & equipment and its clinical management practice.

Objectives

- To enhance the learning of advanced nursing practice by planning and carrying out the total program directed towards improvement of health or recovery from illness or support in grief on the life process continuum.
- To instill confidence in the students by allowing them to effectively function in critical care units & other specialty units.
- To develop competence in dealing with medical & surgical emergencies.
- To assist & perform special procedures in critical care areas.
- To apply principles & practice of advanced medical technology in delivery of nursing care.
- To develop confidence in patient advocacy and in handling ethical and legal issues in the critical care units.
- To enhance the knowledge in the practice of infection control in the critical care units.

Criteria for Admission to the Course

- The candidate should have passed Diploma/Degree in Nursing & Midwifery in English medium.
- Only female candidates will be eligible to apply for the course.
- Candidate seeking enrollment into the course is required to apply on the prescribed Performa.
- The selection of the candidate to the program will be subject to her passing the entrance examination (written test and interview).
- Candidate who is eligible for the course could be either :
 - a) Graduates recently passed out from School/College of Nursing.
 - b) Registered nurse having clinical experience in any discipline, ICU preferred.
- Candidate seeking admission for the training program from States other than Maharashtra will be required to produce the bonafide certificate from her respective State Registration Council.

Terms & Conditions

- **Duration of course:** the program is of 7 months duration on a full time basis. On successful completion of the course, she will qualify for a certificate of training issued by the Management of the hospital.
- **Duty hours:** the candidate will be required to work in all the 3 shifts during her training.
- **Holidays:** the candidate will be entitled to a weekly off day and hospital holidays.
- **Attendance:** is important. 95% attendance will be required, and exceptions for consideration will include sick leave and emergency leave not exceeding a period of 7 days.
- **Make up period:** the candidate will be required to make up hours for deficiency in course work, both in theory and practical.
- **Exemption from course:** In any eventuality of long term illness requiring hospitalization or infectious diseases, the candidate would be required to discontinue the training under the medial certification of the concerned treating consultant.
- **Examination:** On completion of the course, the candidate will be required to take the final examination.
- **Categories of candidates :**
 - a) In-house candidates: Employed staff nurses of our hospital
 - b) Deputed candidates from other hospitals
 - c) Private candidates

Deputed & Private Candidates

- Candidate's admission into the program will be subject to medical fitness as prescribed by the Management.
- Candidate's admission will be confirmed on payment of specified fees as detailed below :

Admission fees	Rs. 500.00
Caution deposit(refundable)	Rs. 1000.00
Tuition fees	Rs. 3000.00
Library fees	Rs. 500.00
Examination fees	Rs. 150.00
Mark sheet & certification fee	Rs. 100.00
Transcript	Rs. 100.00
Total	Rs. 5350.00

- Candidate will need to undertake the training on a non-residential basis. However, when on emergency or on shift duties, necessary provisions to stay on the campus will be arranged.
- Medical benefits to the staff will be the courtesy of the hospital management as per hospital rules.
- In case the candidate wishes to discontinue the training, she will be required to forfeit the paid fees and caution deposit.
- On completion of the course, the caution deposit will be refunded without accrued interest. In any eventuality of long term illness requiring hospitalization or infectious diseases, she would be required to discontinue the training and the caution deposit will be refunded.

No. of Candidates

Total No. of candidates per batch, in a year will be: 25

- Reserved category (in-house)
- Open category (outside candidates)

Note: In case the reserved seats are vacant, they can be allotted to the open category candidates.

Teaching Faculty

The program is conducted as our activity in Staff Development Dept. and is co-ordinated by the co-ordinator of Staff Development Dept. The following members will assume the responsibility of successfully implementing the plan both for theoretical and practical learning experience :

- Staff Development faculty
- Coordinator - ICU
- Head Nurses of ICU
- Consultants, Intensivists, Clinical Assistants
- Infection Control Surveillant Nurse
- Clinical Technician

Physical Facilities

- Classroom / conference hall
- Teaching aids
- Clinical areas: ICU's, Dialysis Unit, Cardiac Cath Lab

Course Description

When the ultimate goal of nursing is to provide safe, effective, high quality care, the Nursing Process is the clinical inquiry model that links scientific knowledge - a conceptual framework for critical care nursing.

This systematic, rational & deliberate nursing process supports the premise that nurses function intellectually and with purpose.

The curriculum will comprise of the following subjects in the total available working hours.

Theory: 84 hours

Practical: 1107 hours

Course Description

The curriculum comprises of the following subjects

Sr. No	Subjects	Class Hours including Demonstration	Practicals
1.	Comprehensive Nursing (Part-I): A - Introduction to Critical Care Nursing - Holistic approach to Critical Care Nursing - Core Body Systems • Cardiovascular System • Respiratory System • Specific aspects of care	30	
	B - Holistic approach to Critical Care Nursing - Core Body Systems • Nervous System • Renal System • Gastrointestinal System - Miscellaneous Topics	27	
2.	Comprehensive Nursing (Part-II) A. Pediatrics B. Basics in Research	11	
		5	
		73	883

COMPREHENSIVE NURSING – I A
(Neuro, Multi-System, Onco, A& E, CathLab & Dialysis Unit)

Unit I.

Introduction to Critical Care Nursing

-History, Philosophy and Goals.

Unit II.

- Core Body Systems

- Cardiovascular System
 - a) Cardiovascular laboratory assessment and diagnostic procedures.
 - b) Cardiovascular disorders
 - CAD, MI, Shock, Pulmonary Embolism, DVT
 - c) Cardiovascular Therapeutic Management
 - Care of patient on temporary/permanent pacemaker.
 - Post operative medical & nursing management of the adult cardiac surgical patient.
 - Care of patient undergoing (PTCA) i.e. percutaneous transluminal coronary angioplasty.
 - Care of patient on IABP, Swan-ganz catheter.
 - Care of patient during and following the administration of thrombolytic therapy
 - Haemodynamic monitoring
 - Respiratory System
 - a) Pulmonary clinical assessment
 - b) Pulmonary laboratory assessment & diagnostic procedures
 - c) Pulmonary disorder:
 - Respiratory failure & adult respiratory distress syndrome, destructive & restrictive lung disorder.
 - d) Pulmonary Therapeutic Management
 - e) Care of patients receiving oxygen therapy with artificial airway, requiring mechanical ventilation, requiring ICD chest physiotherapy
- 3) Specific aspects of care
- a) Infection Control - Goal, significance, protocols
 - b) Role of Imaging in ICU
 - c) Drugs - inotropes, vasodilators, bronchodilators, sedatives, antiarrhythmics, analgesics
 - d) CPR
 - e) Patient Controlled Analgesia

P. D. Hinduja National Hospital & Medical Research Centre

Veer Savarkar Marg, Mahim, Mumbai - 400 016 (INDIA)

Tel: 2445 1515 / 2445 2222 / 2444 9199 Fax: 2444 9151

www.hindujahospital.com

info@hindujahospital.com

**P. D. HINDUJA HOSPITAL
& MEDICAL RESEARCH CENTRE**