



MGM INSTITUTE OF HEALTH SCIENCES

(Deemed to be University)

Grade 'A' Accredited by NAAC

MGM NEW BOMBAY COLLEGE OF NURSING

5th Floor, MGM Educational Campus, Plot No. 1 & 2, Sector-1

Kamothe, Navi Mumbai – 410 209.

M.Sc. NURSING (NURSE PRACTITIONER IN CRITICAL CARE)

PROGRAMME OUTCOME

After completing M.Sc Nursing (Nurse Practitioner in Critical Care) Programme the graduate will be able to;

1. Assume responsibility and accountability to provide competent care to critically ill patients and appropriate family care in tertiary care centre
2. Demonstrate clinical competence / expertise in providing critical care which includes diagnostic reasoning, complex monitoring and therapies
3. Apply theoretical, patho-physiological and pharmacological principles and evidence base knowledge in implementing therapies / interventions in critical care
4. Identify critical conditions using differential diagnosis and carry out treatment/interventions to stabilize and restore patient's health.
5. Manage or minimize complications independently or collaboratively as a part of critical care team
6. Collaborate with other health care professionals in the critical care team, across the continuum of critical care



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COURSE OUTCOME

Research Application And Evidence Based Practice In Critical Care

- CO1 :** Applies sound research knowledge and skills in conducting independent research in critical care setting.
- CO2 :** Participates in collaborative research to improve patient care quality 3. Interprets and uses research findings in advanced practice to produce EBP
- CO3 :** Tests/Evaluates current practice to develop best practices and health outcomes
- CO4 :** Evaluate quality care in advanced practice
- CO5 :** Analyses the evidence for nursing interventions carried out in critical care nursing practice to promote safety and effectiveness of care
- CO6 :** Develops skills in writing scientific research reports

Advanced skills in Leadership, Management and Teaching

- CO7 :** Applies principles of leadership and management in critical care units
- CO8 :** Manages stress and conflicts effectively in a critical care setting using sound knowledge of principles.
- CO9 :** Applies problem solving and decision making skills effectively.
- CO10:** Uses critical thinking and communication skills in providing leadership and managing patient care in ICU.
- CO11 :** Builds teams and motivates others in ICU setting. 6. Develops unit budget, manages supplies and staffing effectively.
- CO12 :** Participates appropriately in times of innovation and change.
- CO13:** Uses effective teaching methods, media and evaluation based on sound principles of teaching.
- CO14:** Develops advocacy role in patient care, maintaining quality and ethics in ICU environment.
- CO15:** Provides counselling to families and patients in crisis situations particularly end of life care.



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Advanced Pathophysiology Applied To Critical Care Nursing

- CO16 :** Integrates the knowledge of pathophysiological process in critical conditions in developing diagnosis and plan of care
- CO17 :** Applies the pathophysiological principles in symptom management and secondary prevention of critical illnesses
- CO18 :** Analyses the pathophysiological changes relevant to each critical illness recognizing the value of diagnosis, treatment, care and prognosis

Advanced Pharmacology Relevant To Critical Care Nursing

- CO19 :** Applies the pharmacological principles in providing care to critically ill patients and families
- CO20 :** Analyses Pharmacotherapeutics and pharmacodynamics relevant to drugs used in treatment of critical care conditions
- CO21 :** Performs safe drug administration based on principles and institutional protocols
- CO22 :** Documents accurately and provides follow up care
- CO23 :** Applies sound knowledge of drug interactions in administration of drugs to critically ill patients in the critical care setting and guiding their families in self-care management

Advanced Health / Physical Assessment In Critical Care Nursing

- CO24 :** Applies the physical assessment principles in developing appropriate system wise examination skills
- CO25 :** Uses advanced health assessment skills to differentiate between variations of normal and abnormal findings
- CO26 :** Orders screening and diagnostic tests based on the examination findings
- CO27 :** Analyses the results of various investigations and works collaboratively for development of diagnoses
- CO28 :** Documents assessment, diagnosis, and management and monitors follow up care in partnership with health care team members, patients, and families