



Mansoura University

Faculty of Nursing



Critical Care and Emergency Nursing Department

# **Research Plan for Critical Care and Emergency Nursing Department, 2023-2024**

## **Aim:**

- Implement evidence-based bundles and protocols in intensive care and emergency settings.
- Identify gaps in knowledge and practice related to emergency and critical care.

## **Scopes of research- related activities:**

1. Evidence-based practice in critical care nursing field
2. Critical care and Emergency nursing education
3. Complementary therapy for critically ill patients
4. Safety in emergency and intensive care setting
5. Quality of care for critically ill patients
6. Family needs and care
7. Palliative care

| Research scope  | Common areas  |
|---|---|
| 1. Evidence-based practice in critical care nursing field | <ul style="list-style-type: none"> <li>• Bundles of care</li> <li>• Protocols of care</li> <li>• Guidelines of care</li> </ul>  |
| 2. Critical care and Emergency nursing education          | <ul style="list-style-type: none"> <li>• Technological challenges</li> <li>• Virtual simulation</li> <li>• Innovative educational strategies</li> <li>• Blended learning</li> <li>• New evaluation strategies</li> </ul>  |
| 3. Complementary therapy for critically ill patients      | <ul style="list-style-type: none"> <li>• Alternative health approaches (Reflexology, massage, ect ...)</li> <li>• Natural products such as herbs, and dietary supplements</li> </ul>  |
| 4. Safety in emergency and intensive care setting         | <ul style="list-style-type: none"> <li>• Infection control</li> <li>• Falling prevention strategies</li> <li>• Physical restraint</li> <li>• Safe transportation</li> <li>• Common errors in emergency and ICU settings</li> </ul>                                      |
| 5. Quality of care for critically ill patients            | <ul style="list-style-type: none"> <li>• Nurses' practice of patient care</li> <li>• Patient's responsiveness and outcome</li> <li>• Patient-centered care</li> <li>• Nursing record documentation</li> <li>• Barriers of care in ICU and emergency settings</li> </ul> |

| Research scope           | Common areas  |
|--------------------------|---|
| 6. Family needs and care | <ul style="list-style-type: none"> <li>• Critically ill patients' family needs</li> <li>• Family-centered care challenges</li> </ul>  |
| 7. Palliative care       | <ul style="list-style-type: none"> <li>• Practical issues in palliative care</li> <li>• Physical, psychological and spiritual aspects of palliative care</li> <li>• Obstacles encountered critical care nurses in caring for terminally ill patients</li> <li>• Critical care nurses' role in end-of-life care</li> </ul> |

- This research plan was approved by the department council that was held on Monday, 25/9/2023, No. (91)

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