

**Academic  
Reference  
Standards (ARS) of  
Nursing for  
Critical care  
Nursing  
Doctoral Program**

## Academic Reference standards (ARS) of nursing for Post graduate Doctoral Program

**Characteristics of the graduates (ARS) Post graduate of doctoral program in critical care nursing should be able to:**

1. Master the basics and methodologies of scientific research.
2. Demonstrate the ability to explore the adequacy of underlying knowledge from nursing science, related fields, and professional foundations as it informs advanced practice.
3. Demonstrate competence in the development of inquiry relevant to practice, education, or administration;
4. Develop collaborative relationships with other health care providers to improve quality of care and access to health care.
5. Conduct theory-guided research to test, generate, and extend knowledge that informs health care systems, health policy, and the evidence base for practice.
6. Synthesize knowledge gained from traditional and innovative learning methods to lead quality, cost-effective health care collaborations addressing health care disparities.
7. Practice independent core learning and library skills needed for continuous professional development.
8. Demonstrate communication and proactive leadership related to nursing, sciences and humanities, and methods of inquiry.

9. Use appropriate technology to improve critical care nursing practice.
10. Demonstrate the ability to communicate ideas both in written and oral forms in an articulate and scholarly manner.
11. Integrate available information for Decision-making
12. Identify nursing practice through research utilization, participation, and the identification of significant research problems in a specialty area.
13. Develop ethical, social, cultural, and health policy for the advancement of nursing education, research, and the health of those who nursing serves demonstrate responsibility and accountability for comprehensive care in different health care settings.
14. Develop, test, and utilize theoretical knowledge that will advance nursing science and improve health outcomes.
15. Assume ethical and legal responsibility and accountability in nursing practice, exemplifying the values of, autonomy, human dignity, integrity, and social justice.
16. Demonstrate the core skills such as library and database skills, problem solving skills and creativity.

**1. Knowledge and Understanding:**

- 1.1- Illustrate advanced concepts/trends of critical care nursing practice and supportive courses that enhance the patient's quality of care.
- 1.2- Identify recent methodologies, statistics and ethics of research in critical care Nursing.
- 1.3- Identify the principles of legal and ethical aspects of critical care nursing.

- 1.4- Explain Quality principles and basics in professional practice in the critical care field
- 1.5- Explain factors that influence of professional practice of critical care nursing on patient's condition.
- 1.6- Explain the roles and responsibilities of the critical nurse within the nursing as a profession and in all health care systems.

## **2-Intellectual Skills**

- 2.1- Evaluate progresses knowledge in critical care nursing for measurement and judgment.
- 2.2- Incorporate problem solving techniques when caring for injured patient based on available information and set priority.
- 2.3-. Conduct scientific research to improve nurses' knowledge and practice
- 2.4- Build modalities and scientific papers that are novel within each strategy.
- 2.5- Evaluate risks that may arise during professional practice of critical care nursing.
- 2.6- Create different pioneered strategic plans to improve nursing performance in critical care.
- 2.7- Utilize critical thinking skills for effective decision making in critical care setting for critically ill patients.
- 2.8- Debate evidence-based researches within the nursing profession

## **3-Professional and Practical Skills:-**

3.1-Use basic and advanced knowledge & professional skills to improve care in critical care setting

3.2- Evaluate and develop existing methods and tools critical care setting

3.3-Using technological means to improve the professional practice

3.4-Planning to develop professional practice and develop the performance of others

3.5- Utilize evidence-based methodologies to evaluate clinical problems

3.6 - Utilize critical thinking skills and clinical competences needed when caring critically ill patients

#### **4- General and Transferable Skills.**

4.1- Use effective communication skills in dealing with critically patients, colleagues, and health team.

4.2- Utilize advanced information technology to improve critical care nursing practice

4.3-Evaluate the nurses' performance and reinforce their knowledge.

4.4- Assume life-long learning and self-evaluation skills necessary to enhance the nursing practice in critical care nursing.

4.5- Utilize different web sites to add to body of nursing knowledge and professional standards.

4.6- Demonstrate skills of team work and leadership.

4.7- Conduct scientific meeting and promote time management abilities