

## Revolution in Nursing

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### Abstract

This article focuses on the need for revolution in nursing in this rapidly evolving era. Nurses need to get along with the advancements of technology in the same pace to maintain standards and quality nursing care. But it is apparent that missing links are found and therefore the need for revolution arises. The article furthers its discussion on the four major areas of nursing such as nursing administration, nursing education, nursing research and clinical practice. It is supported with adequate research. And it concludes stating that nursing community should come forward together with unity and cooperation and exercise required reforms in nursing and raise the standards of nursing profession.

**Keywords:** Revolution; Nursing administration; nursing education; clinical practice; nursing research

### Introduction

It is essential that nurses acquire the necessary 21<sup>st</sup> century knowledge and skills for practice in a complex, emerging technologically sophisticated, consumer - centric, global environment. Nursing as a profession is based on the values of caring, compassion and community and nurses are

powerful allies who will attract countless others to your cause. They possess a down-to-earth professionalism that is sincere and authentic and they have firsthand knowledge of the life or death stakes of the most urgent issues of the day, from income equality to immigration reform to climate change. This article furthers discussion on four major areas of nursing as given in Fig.1.



Fig. 1: Revolution among four major areas of Nursing

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### *Nursing education*

Changing demographics, emphasis on health promotion, health care costs, movement toward community based care and expanding technology are factors that shape the health care system and

educational preparation for nurses. Preparing students for future practice will be more complex, will be provided in multiple settings and will require extensive knowledge, critical thinking and other cognitive skills, technologic and psychomotor skills and value system for making ethical decisions. Other outcomes of nursing education program include learning to learn, handling ambiguity, thinking like a professional and accepting responsibility for decisions made in practice [1].

The development and dissipation of high quality core curriculum that all nursing institutions can utilize and tailor to their own learners, communities and faculty would be an efficient and effective solution. A) i) The core curriculum should ensure that basic concepts required by all nurses are intertwined into nursing education. These concepts include quality and safety education, informatics, genetics, inter-professional educational competencies, technology competencies, specific types of communication strategies, health care policy and social determinants. ii) It should encompass standards for clinical simulation for nursing institutions using this pedagogy iii) A minimum number of clinical hours should be required to become Registered Nurse and Registered Midwife shall be based on evidence derived from federally sponsored research. B) Utilize health services research to guide the education of our nursing workforce and health care team. C) Create a collaborative National nursing campaign among all professional nursing organizations uniting all nursing institutions across the country. D) Do more to recruit and retain a diverse nursing workforce [2] (Fig. 2).

#### *Clinical practice:*

Health care research continually produces huge volumes of results and revised methods of treatment and care for patients, which, if implemented in practice, can potentially save lives and improve the quality of life of patients [3]. Nonetheless, a hike in the volume of research results available does not automatically translate into improved patient care and treatment [4]. A study done on implementing research results in clinical practice revealed challenges involved in closing the evidence-practice gap and may add to the growing body of knowledge on which basis actions can be taken to ensure the best care and treatment available actually reaches the patient [5]. Improving patient care has become a priority for all health care providers with the overall objective of achieving a high degree of patient satisfaction. Greater awareness among the public, increasing demand for better care, keener competition, more health care regulation, the rise in medical malpractice litigation and concern about poor outcomes are factors that contribute to this change [6]. (Table 1).

#### *Nursing research:*

In order to perform evidence-based practice, we need evidence. With nurses' knowledge and skills they can theorize, hypothesize, formulate studies and gathers evidence that result in standard care. The goal of nursing research is to achieve better care standards and application for patients and families. As nursing students are the future members of the nursing profession and for the profession to continue to advance, nursing research must be



Fig. 2: Educational reforms in Nursing

**Table 1:** Causes and approaches to Quality improvement

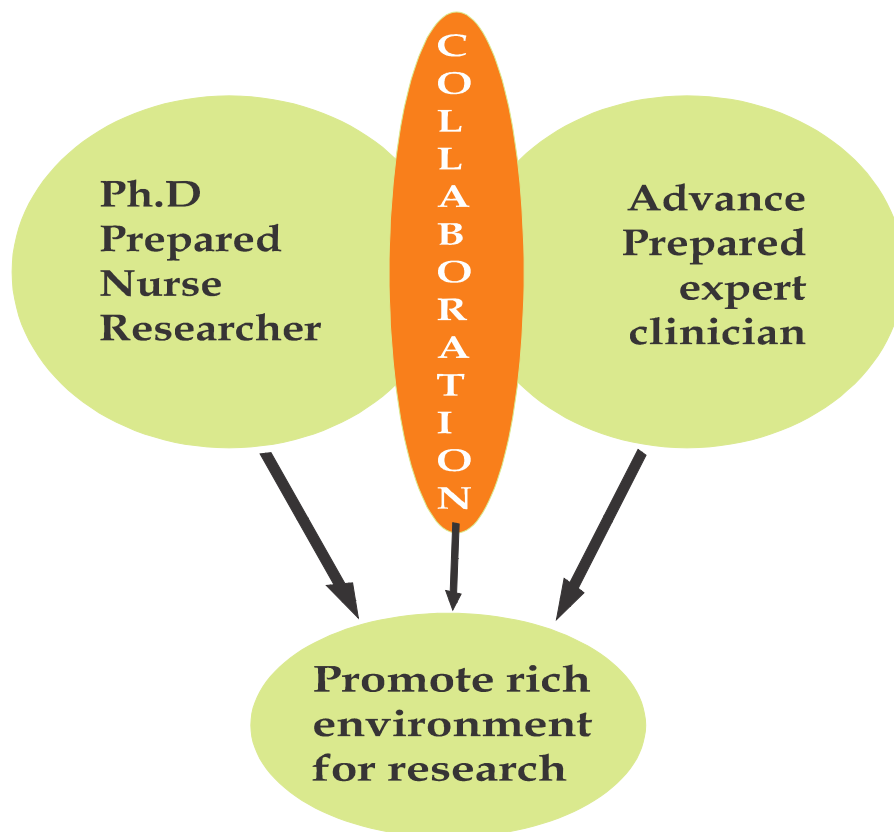
Causes	Approaches to Quality Improvement(QI)
Inefficient health care system	<ul style="list-style-type: none"> <li>✓ Introduce concept of QI from manufacturing industry</li> <li>✓ Streamlining processes to produce better outcomes</li> <li>✓ Replacing professional judgment with rules and protocols</li> </ul>
Lack of systematic evaluation	<ul style="list-style-type: none"> <li>✓ Provide financial incentives to do better on quality measures</li> <li>✓ Disclose quality information to public for competition</li> <li>✓ Provide national benchmarks to evaluate quality of care</li> </ul>
Insufficient staffing	<ul style="list-style-type: none"> <li>✓ Decreasing patient to nurse ratio</li> <li>✓ Educating public about nursing contribution to quality care</li> <li>✓ Expanding admissions to nursing schools to increase workforce</li> </ul>

the foundation of comprehension, evidence-based clinical practice [7]. Successful utilization of nursing research in practice is a highly complex task. Basic requisites encompass a positive culture associated with the essential interest and support required to promote change.

As nursing research becomes a priority for health care by addressing evidence - based nursing care and quality clinical outcomes and it is important for nurse executives to examine the structure and process of the nursing department in health care organization. To enhance nursing research, it is essential for nurses to be involved in the development of the purpose, question, specific aim and design of research projects. A flexible multifaceted approach

to answering clinical questions is a necessary strategy to assure the presence of nursing research at all levels of organization.

Nurse researcher credibility and collaboration with nurse executives and staff nurses are important aspects of a research project. To promote evidence-based practice, it is crucial for nurse to conduct nursing research to find answers to clinical questions. Nursing should strive to set standard for research collaboration between PhD prepared nurse researchers and educationally advanced prepared expert clinician [8]. When they both collaborate, the differences can decrease the barrier and challenges and promote a rich environment for research (Fig. 3).



**Fig. 3:** Means to enhance research

*Nursing administration:*

In addition to changes in nursing education, practice and research, strong leadership as an administrator will be required to realize the vision of a transformed health care system. It is true that not all nurses begin their career with thoughts of becoming a leader; all nurses must be leaders in the design, implementation, and evaluation of, as well as advocacy for, the ongoing reforms to the system. Nursing research and practice must continue to identify and develop evidence-based improvements to care, and these improvements must be tested and adopted through policy changes across the health care system. Nursing leaders must translate new research findings to the practice environment and into nursing education and from nursing education into practice and policy.

Being an able administrator transcends all levels of the nursing profession and requires leadership skills and competencies that must be applied both within the profession and in collaboration with other health professionals. In care environments, being an administrator involves taking responsibility for identifying problems and areas of waste, devising and implementing a plan for improvement, tracking improvement over time, and making necessary adjustments to realize established goals. Serving as strong patient advocates, nurses must be involved in decision making about how to improve the delivery of care.

To be effective in reconceptualized roles and to be seen and accepted as leaders, nurses must see policy as something they can shape and develop rather than something that happens to them, whether at the local organizational level or the National level. They must speak the language of policy and engage in the political process effectively, and work cohesively as a profession. Nurses should have a voice in health policy decision making, as well as being engaged in implementation efforts related to health care reform. Nurses also should serve actively on advisory committees, commissions, and boards where policy decisions are made to advance health systems to improve patient care. Nurses must build new partnerships with other clinicians, business owners, philanthropists, elected officials, and the public to help realize these improvements [9].

**Conclusion**

The aforementioned reforms in each field of nursing should be taken up very seriously to maintain standards of nursing and profession itself. Most of the time, the brain storming ideas are discussed and listed but potency decreases during the implementation phase in the current scenario. Let us hope that nursing community would come forward together with unity and cooperation and exercise required reforms in nursing and raise the standards of nursing profession.

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