

## The New Era of Nursing Research

**Ya-Lie Ku\***

*College of Nursing, Fooyin University, Taiwan*

**\*Corresponding author:** Ya-Lie Ku, College of Nursing, Fooyin University, No. 151, Chin-Hsueh Road, Ta Liao District, Kaohsiung City 83102, Taiwan

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### Opinion

The new era of nursing research is to develop the innovating research in team style to improve the quality of care in the clinical or community settings or teaching in the nursing education. For the clinical settings, ten Ham [1] integrate reviewed 35 documents regarding the characteristics of benefit levers' for evidences-based nursing practices and indicated that three standards of individual, organizational, and contextual trait were merged into the different types, strategies, position, attitude, and support of leadership for the purpose of changing by the reinforcing structures. However, Munten [2] integrated reviewed 21 action studies to identify the lack of implementation strategies in terms of the intensity and frequency so that the authors could not provide evidences-based protocols for nursing research using action designed; additionally, the majority of research projects were focus on improving the knowledge of nurses, but their performances and the patients' outcomes. Therefore, Wright [3] integrate reviewed 18 articles following 85 unique resources regarding the productive ward of releasing time to care for the patients and identified seven themes were focused on the direct care time of the patient and staff experience emphasizing on the major issues of patient safety and financial impact as well as the team cooperation and support of leadership playing the success and barriers of determinants.

For the community settings, Nambozi [4] integrate reviewed 38 articles related to the community-based pedagogy of nursing in developing countries and found the major domain of five themes was to facilitate the nursing students to be the competent nurses bridging their academic learning with the clinical works by using community partnership relationship. In terms of the roles of facilitating, Doughtrey [5] conducted the literature review of three cases with a mixed method of 46 discrete and practical facilitation activities and identified that communication and relationship-building were the key elements of developing evidences-based practice of facilitation along with the internal and external factors. In terms of team cooperation and learning, Timmermans [6] reported that the limited studies were found on team learning and innovation in nursing after integrate reviewing 8 articles, including the individual and contextual factors as contributing or hindering of team-learning activities with gathering process, processing, and storing information from the various innovation.

For the innovation in nursing education, Sobral [7] integrate reviewed scientific publications in Brazil in terms of active research methodology and identified that problems-based learning was the focused and lack of theoretical framework and teaching strategies for innovation studies. Additionally, Pedrolo [8] proposed that there is lack of clinical nursing studies contributing on the technological innovation due to the majority of studies focused on the soft technologies rather than developing the materials and products. Currently the author developed the innovative nursing course of "nursing practicum project production" in the Department of Nursing, Fooyin University. Following are the introduction of the process of developing the research teams and projects as well as the implementation and reinforcing strategies for constructing this evidences-based course along with the plentiful research outcomes.

Initially the author developed an innovative research team for developing a teaching framework of creative thinking in nursing education on the creative process of clinical nurses in Taiwan [9]. Lately the author constructed and evaluated a nursing practicum project production course for the purpose of cultivating the creativity in RN-BSN students as well as producing the innovative nursing products [10]. Additionally, the questionnaire of factors influencing creative process for RN-BSN students was developed and validated as well as the framework of factors influencing creative process for RN-BSN students was validated [11,12].

Furthermore, the effectiveness of a nursing practicum project production course was validated in enhancing the creativity of RN-BSN students [13]. Finally, there are more than 30 patents developed in our innovative research team and published in the scientific articles [14,15].

In summary, the new era of nursing research based on the literature review was identified that the team style with innovative strategies guiding by the leadership was suggested for the future nursing research and the author provided the series of innovative studies from their research team, providing as the reference for other innovative and scientific nursing researchers. Additionally, during the process of constructing and developing the innovative research team, communication and partnership-relationship are the important keys for being successful in the transforming process

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