



Nursing Education its curriculum and the status of research in India

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Abstract

Background: Nursing education is the one of the most important subject and practice in the medical field in India and all over the world. In this present article, I have discussed the nursing education, its curriculum, importance, nursing research status, and related issues.

Materials and Methods: Nursing education teaches the good qualities to the youngsters and to improve them as a professional with self-confidence and good job with reasonable salary in their future life or career. Simultaneously, it will be increasing their knowledge in all the aspects. Nursing education curriculum is continuously improved by the Nursing Council of India then and there. By simulation training will improve the advanced skills in their respective specialty/subject at the same time their clinical skills will also be improved.

Observations: Nursing education curriculum is to be improving the knowledge, skills, and attitudes to practice the nursing students, combining the theory and with the practical skills/experience to train them to work in the critical medical fields. Nursing education having various specialties. The curriculum would be improved as per the advances in the medical fields. Techniques of teaching and learning methods in all the sections of nursing education programs is also to be modified as per the needs.

Conclusion: I have concluded that the nursing students to change the nursing curriculum as per the present medical field needs knowledge research, and clinical skills. Simulation training to them is making it as mandatory. Nursing staff have undergone exchange program with international academic communication and exchange the ideas about the critical care among nurses, nursing educators, and nursing students.

Keywords: nursing, nursing student, curriculum, research, simulation

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Introduction

Nursing education [1] is the one of the most important subject and practice in the medical field in India and all over the world. It is a mandatory position in India and abroad countries. In this present article, I have discussed the nursing education, its curriculum and nursing research status. Nursing education has many significant changes due to the challenges has happened according to the healthcare organizations [2] In the health sciences area, some gap is there in between teaching in the nursing institutions and the reality work in the clinical jobs to the nursing students. It teaches to the nursing students about good qualities, and to improve them as a professional with self-confidence in their life, and good job with reasonable salary in their future life or career. Simultaneously, it is increasing their knowledge in the medical concepts, procedures, clinical research, and its applications in the nursing field. Nursing education has undergone many significant changes over the past many decades. In this way, many nursing colleges and institutions are established in the recent years. [3]

Methods

In this article, I have discussed about the nursing education. It is very important in the medical field. If any student has have interested in the field then they should joint and finish their nursing education and work with the medical physicians and to serve to the people/poorers/rural area people or communities efficiently. Nursing education has so much of histories and needs. I have discussed all these only in the article one by one. In this article, I have discussed the nursing education, its curriculum, importance, nursing research status, and related issues.

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The present status/state of nursing education in India

In recent years, nursing education has been structured with more new techniques and pedagogical methods in India. INC has been revised the nursing curriculum and to innovative pedagogy in the classroom itself as new steps to produce well knowledge and qualified nurses for the present medical situation. [4, 6] The nursing teaching based on nursing concepts central to instruction has been a crucial method in keeping with the frequent changes by using healthcare, education, and technology. Nursing educators have best creative teaching strategies in the classroom, but best framework for an extraordinary classroom lecture-delivery and lecture-based instructional strategies based on the best practices are still deficit. [5, 6]

These types of talents are still needed to strengthen the nursing education and the need of healthcare based on regional-wise in India. Nowadays, the changes in healthcare systems are enormous, and the patient's needs require nurses to be equipped according to that. [6] Reforms such as the move from volume to value, from process to a focus on quality and outcomes, and from episodic to life-cycle care, have created new demands on nursing education.

New approaches in the curriculum of Nursing Education

In India, the nursing education it is essential that new teaching methods/approaches are showed to prepare students in a better way for the recent advancement of clinical procedure/practice. For this purpose, only the simulation lab has been established in all the nursing institutions. Nursing education in India has also improved from traditional method to the present higher teaching method. [7]

Nursing students are posted in shift in their internship to learn the present techniques/procedure very well. These types of changes emphasize the development of essential difficulties that enable nursing graduates to effectively address the evolving healthcare needs of the population. The newer types of technology in nursing education have emerged as an important one in recent years. The usage of audio and visual methods/technologies in teaching and learning has become a major focus in the nursing education reform in the developed and developing countries, including India. [7, 9–10] Nursing teaching and clinical related faculty must learn effectively “How to utilize available resources and facilities? How to access to necessary support? and to develop competency in using technology throughout the nursing curriculum. [8, 10]

Nursing Curriculum in India [11]

Nursing education curriculum is continuously improved by the Nursing Council of India then and there according to the healthcare needs, recent technology facilities, and equivalent to the global standard and norms. By simulation training will improve the advanced skills in their respective specialty/subject at the same time their clinical skills will also be improved.

Status of Nursing Research in India

Nowadays all colleges are having its own scientific research committee (SRC), and Institutional Ethical Committee (IEC) to approve their respective nursing students graduate research, short studies and for their teaching staffs. These types of committees are gathering in a planned

schedule and discussed with concern students and faculties in the presence of their principal investigator and give modifications, suggestions and rectify the existing errors and convert the research proposal into to a refined one. SRC will monitor the students' data collection, results writing, and submission of the report of their researches. [12] Also the SRC committee must monitoring the difficulties faced by the students and to rectify their doubts then and there with the help of the concern experts.

Observations from previous studies about nursing education, research, and some related issues

Nursing education curriculum is to be improving the knowledge, skills, and attitudes to practice the nursing students, combining the theory and with the practical skills/experience to train them to work in the critical medical fields. Nursing education has various types of specialities or areas nowadays. The curriculum would be improved as per the advances in the medical fields. Techniques of teaching and learning methods in all the sections of nursing education programs is also to be modified as per the needs. Then only the nursing students will have to be prepare the complex healthcare demands in India.

Nursing education in India has undergone many important improvements and modifications in the past several year/decades. It was primarily started with one year training in a hospital setting. After some years, there has been a going towards more structured academic programs, with the establishment of nursing schools and institutions. [13] The present state of nursing education in India is a both methods. ie., there has been an increase in nursing education programs and by huge number of nursing colleges and institutions have started in the present years. [14]

By this initiation of increasing the programs related to nursing, and number of colleges/institutions to address the nursing staff's shortage that had long plagued to the Indian healthcare system. Another one important issue is there about the quality and consistency of nursing education in all over India. Nowadays Nursing education programs can vary widely in the way of their present curriculum, teaching methods, nursing professors, and existing clinical training methods and opportunities.

Furthermore, there are more challenges in ensuring that all nursing graduates are trained properly and in clinical side prepared to do more high-quality patients' care. For the future, there are several key areas that will be shaped the development of nursing curriculum in India. First, the states of government has to give first priority to continued emphasis on expanding access to nursing education, particularly in remote regions/areas of India. [15]

Nursing education has been shaped by a complex interplay of historical, social, and political factors in India. Nursing educators have to interact or collaborate with other foreign countries in solving the challenge of supplying enough skilled nurses in world level health care services. Then only our Indian nursing educators have to know and develop their knowledge and skills in the modern world. [16, 17] Nursing staff have obtained the ability to care for people with kind and proper care which requires international academic communication and exchange the ideas about the critical care and other services among nurses, nursing educators, and nursing students. [18] So much of problems were met by the nursing students at the time to Covid-19 pandemic. [19]

Conclusion

I have concluded that the nursing students to change the nursing curriculum as per the present medical field needs knowledge in theory, research, and clinical skills. Simulation training to them is to be fixed as mandatory in all the institutions in India. Encourage the nursing students to do research in the present medical situation through proper channel in their respective hospital/ universities/ institutions/ organization. Then automatically, the nursing students' knowledge as well as their clinical skills will increase in a good manner.

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