

A Study to Assess the Knowledge Regarding Nursing Profession Among 12th STD Students in Selected Colleges of Pune City

Sonali Atre^{1a*}, Shivani Supekar^{2b}, Varsha Anel^{3b} Ramesh Patole^{4b}

^aClinical Instructor, Bharati Vidyapeeth (Deemed To Be University) College of Nursing, Pune, Maharashtra.

^bS.Y. P.B. B.Sc. Nursing Students, Bharati Vidyapeeth (Deemed To Be University) College of Nursing, Pune, Maharashtra

* Corresponding Author

Abstract

Introduction: Nursing is as old as human life itself. The sick and the infirmed had always been tended by family and friends. Nursing is a profession that recalls the name of Florence Nightingale. Indeed, one of the noblest professions in the world, the image of both nurses and nursing as a profession are vital in the successful recruitment and retention of staff in the health care industry. In a society where people are status conscious many a times their choices are influenced by some factors. Thus, students joining the profession are influenced by this negative attitude towards the nursing profession.

Aim of the study: “A study to assess the knowledge regarding nursing profession among 12th std students in selected colleges of Pune city.”

Materials and Methods: In the present study, researcher adopted descriptive research design. It was carried out on 200 samples. The non-probability purposive sampling method was used. Data was collected using demographic profile and knowledge questionnaire. Data analysis was done mainly using descriptive statistics.

Result: The results show that the majority 40.50% had poor knowledge, 38.50% had average knowledge & 21% had good knowledge related to nursing profession in 12th std students. The mean score was 9.98 & S.D was 3.54. There was no association of demographics variables with the knowledge score.

Conclusion: The study concludes that 12th std student's majority 40% had poor knowledge, so there is the need to create awareness about the nursing profession among students

Keywords: assess, knowledge, nursing profession, nursing ,12th std students

Introduction

Nursing is as old as human life itself. The sick and the infirmed had always been tended by family and friends. But nursing has grown into a vocation only a few decades ago. The profession is said to have long suffered from public stereotyping and from being closely associated with femineity and powerlessness. Various people have different understanding of the nursing profession based on prior events in their lives since perceptions are subjective. However, survey shows that even today students do not join nursing education as eagerly as they join other educational courses. Nursing is a profession that recalls name of Florence Nightingale. Indeed, one of the noblest professions in the world. The image both nurses and nursing as a profession are vital in the successful recruitment and retention of staff in the health care industry. Waters believe that nurses are the backbone of the health care sector and are the fundamental in the delivery of quality care for all the inhabitants of a country. Nursing profession within the health care sector focus on care of individual families' communities so they may attain, maintain, recover optimal health and quality of life.

Previous research studies reported that more students decided to join nursing profession because they had a desire to help others, and they reached to do post-graduation. Nursing profession is not attractive for meritorious as well

as other high schools' students. They usually do not see it as a good career option as part of for achieving goal of life

Need of the Study

Nursing is a noble profession. It is one of the most delightful arts, which needs blending of knowledge, skills and values. Nurses, care for individuals of all ages and cultural backgrounds that; are healthy and ill; in a holistic manner based on the individuals physical, emotional, psychological, intellectual, social and spiritual needs. Nurses could also bring up themselves personally, professionally, psychologically and socially.

As per a cross sectional study conducted to assess attitude and perceptions of nursing professions among 129 undergraduate nursing students in a selected college in Bangalore using modified version of Beliefs, results revealed that 44(34.1%) of the subjects agreed that they enrolled in nursing out of their own interest. At the same time 43(33.3%) to improve their financial situations. Upon graduation 69(53.5%), subjects prefer to pursue the nursing career, 12(9.3%) wanted to change the profession. Nearly 63(48.8%) of the subjects agreed that social prejudice has a great influence on nursing students in choosing nursing profession as their career.

Students who are volunteer or work in healthcare need to have nurse role models that present positive and accurate characteristics about nursing. Knowledge of the types of factors can provide students the necessary skills to formulate quality perceptions for decision-making related to their career. Baccalaureate precursing programs, baccalaureate nursing schools, and the nursing profession as a whole, contribute to the clinical experience for precursing students.

Many students have positive perception towards the nursing profession as they settle well earning a good pay scale. Some of the students have negative perception towards profession because they have to work hard and they are paid less.

So, by conducting present study, investigators want to know whether selected 12th std students have knowledge regarding nursing profession which will help them to choose further career stream

Aim of the Study

“A study to assess the knowledge regarding nursing profession among 12th std students in selected colleges of Pune city.”

Research Methodology

In this study, the objectives were, to assess the knowledge regarding nursing profession among 12th std students and to associate the findings with selected demographic variables. Quantitative research approach and non-experimental research group design was used. it was carried out on 200 samples of 12th std students. Non probability purposive sampling technique was used. tool was given 5 experts from different department; validation was received from 4 experts with their valuable suggestion and comments on the study. Total sample 20 were taken for reliability and test-retest method was used. Informed consent was taken from participants. The R value for knowledge Questionaries tool was 0.86. thus, the tool was reliable for the study. Total 20 samples were selected for pilot study. No any major problems were face to investigators so it was feasible to conduct the main study

Section-I Demographic variables

Majority of samples that is 100% were from 17 to 19 years of age group. 67.5% samples were shown interest in nursing profession and 32.5% samples were not interested in nursing profession. Majority that is 72.5% samples were females and 27.5% samples were males. Majority that is 91.5% samples were married and 8.5% samples were unmarried

Section II: Analysis related to the knowledge level regarding nursing profession among 12th std students

n - 200

Level of Knowledge	f	%
Poor (1-7)	81	40.50
Average (8-13)	77	38.50
Good (14-20)	42	21.00
Mean	SD	
9.98	3.54	

Section-III: Finding related to knowledge regarding questionnaire responses related to nursing profession among 12th std students in selected colleges of Pune city

n – 200

Sr.No	Name of the items	Frequency	Percentage
1	Which level of education is typically required to become a Registered Nurse?	115	57.5
2	What is the primary role of a nurse in a healthcare setting?	116	58
3	Where do Nurse often work?	115	57.5
4	Which famous nurse is known as the founder of modern nursing?	97	48.5
5	In a hospital setting, what do the initials "ICU" stand for?	104	52
6	What is the significance of the "Nightingale Pledge" in nursing?	97	48.5
7	What is the role of a nurse in disaster management?	91	45.5
8	What is the main objective of the World Health Organization (WHO)?	84	42
9	What is the term for a nurse who cares for patients with mental health conditions?	84	42
10	What are some of the different specialties in nursing?	96	48
11	What are some of the common nursing interventions?	96	48
12	A patient is refusing to take their medications. What is the best way for the nurse to handle this situation?	79	39.5
13	Where are highest opportunities to get better job?	87	43.5
14	What are the good opportunities are there in nursing profession	102	51
15	What do feel about nursing professions	123	61.5

16	Which are future leadership opportunities in nursing.	143	71.5
17	What is the importance awareness of nursing profession	79	39.5
18	What are advance course after Anm and Gnm nursing	140	70
19	How much benefits nurse receive nursing profession	130	65
20	Why chose such profession in coming year	133	66.5

Section IV: Analysis related to association of the knowledge findings with selected demographic variables

The association between selected demographic variables & knowledge regarding nursing profession among 12th std students in selected colleges of Pune city. Demographic variables are Age, gender, marital status and interest in nursing profession are not associated with a significant level of 0.05.

Discussion

The findings of this study have been discussed with reference to the research objectives. The knowledge score of the 12th std students shows that 12th std students have less knowledge regarding nursing profession in all aspects. This indicates need for imparting necessary education and information on the concept of meaning of nursing profession and importance, scope of nursing profession in their career. Also, there is no association regarding nursing profession with selected demographic variables. So following are some supported study in relation to above study.

[Akoiyam Mamata Devi](#) (2015) conducted a descriptive study to assess the level of knowledge and attitude towards nursing as a profession and their preference for nursing as a career among senior secondary students of selected schools in Faridabad. The objective of the study was to assess the level of knowledge towards nursing as a profession and their preference for nursing as a career, to assess the level of attitude towards nursing as a profession and their preference for nursing as a career, to find out the association between the knowledge and attitude towards nursing as a profession and their preference for nursing as a career with selected demographic variables. The samples were taken from 100 Senior Secondary Students Jasana Faridabad. Checklist was used to assess the level of Knowledge and 5-point Likert scale to assess attitude towards nursing as a profession and their Preference for Nursing as a Career. Findings depicts that 74% of the total subjects had good knowledge, 24% had average knowledge, 2% had poor knowledge. 96% of the total subjects had positive attitude, 4% had neutral attitude, 0% had negative attitude. No significant association was found between knowledge and demographic variables. No significant association was found between attitude and demographic variables.

Conclusion

As quantitative research approach and non-experimental research group design was used. it was carried out on 200 samples 12th std students. Non probability purposive sampling technique was used. Informed consent was taken from participants. statistically significant association was not found with knowledge with the demographic variables of 12th std students regarding nursing profession. Although the 40.50% had poor knowledge , 38.50 % had average knowledge, 21% were having good knowledge reagrding nursing profession. The overall mean 9.98+-3.54. More emphasis should be given for health education to create awareness about nursing profession to the 12th std students. The study can contribute to advocacy efforts aimed at improving the perception of nursing as a profession. Nursing administrators can use the study's findings to understand the perceptions and awareness levels of potential future nurses. This insight can help in targeted recruitment efforts and developing retention strategies that align with the expectations and motivations of students considering a career in nursing. The study can highlight areas where further research is needed to deepen our understanding of factors influencing awareness and perceptions of the nursing profession among students. This can guide future research endeavours aimed at addressing these gaps and advancing nursing knowledge future purpose

conflict of interest

The authors certify that they have no involvement in any organization or entity with any financial or non-financial interest in the subject matter or material discussed in this paper

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