

# The Impact of Nurses Completing their Educational Attainment on the Health Services Provided to Patients and Reviews in Health Centers

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## Abstract

This current study aims to know the impact of a nurse completing his educational attainment and its impact on the health services provided to society in general. It is also important to know the effect of completing his educational attainment on the quality of work and better dealing with patients and medical staff. It is also important to know its impact on increasing the organization of his time at work. Knowing its impact on increasing his efficiency in his work environment, A questionnaire was prepared via Google Drive and distributed to the population aged 25-55 years, men and women, in the city of Mecca. As for the questionnaire, it was distributed via the social networking program (WhatsApp) for the purpose of distancing for fear of the presence of the Corona virus. 400 questionnaires were distributed, and 395 responses were obtained via email to the principal researcher. The current study concluded that the impact of completing the educational attainment of male and female nurses and its impact on the health service provided was a very positive impact of 94.8%, and it also helped improve the health service provided to patients by a greater percentage of 90%.

**Keywords:** The impact, of nurses completing, their educational, attainment, on the health services provided to patients and reviews in health centers.

## 1. Introduction

Nursing is a profession in the health care sector that focuses on caring for individuals, families, and communities so that they can achieve, maintain, or strive for optimal health and quality of life <sup>(1)</sup>. Nurses can be distinguished from other health care providers such as health practitioners by their approach to patient care, training, and scope of their work. Nurses practice in many specialties and their authority and ability to give prescriptions varies. Female nurses constitute the largest component of most health care settings <sup>(2)(3)</sup>. There is evidence of a shortage of qualified nurses worldwide <sup>(4)</sup>. RNs collaborate with other health care providers such as doctors, nurse practitioners, physical therapists, and even psychologists. Unlike nurse practitioners, nurses typically cannot prescribe medications in the United States. Nurse practitioners are nurses who have a graduate degree in nursing. They practice independently in a variety of locations in the United States. Since the postwar period, nursing has undergone a process of diversification toward advanced and specialized credentials, and many of the regulations, requirements, and roles of nursing providers are changing. <sup>(5)(6)</sup> In addition to providing care and support, the nursing profession's goals include educating the public and promoting health. <sup>(7)</sup> Nursing is a work carried out to help an individual - sick or well - in carrying out activities that contribute to improving his health or restoring his health in the event of illness or "dying in peace and safety." <sup>(8)</sup> Nursing is a science and an art, and it cares about the individual as a whole - body, mind, and spirit - and works to advance and preserve the individual spiritually, mentally, and physically, and to help him recover when he is sick. Caring for the sick individual extends to his family and society, and this includes taking care of his environment and providing health education through guidance and good example <sup>(9)</sup>. Nursing is a direct service aimed at meeting the needs of the individual, family, and community in health and illness <sup>(10)</sup>. In order for a nurse to do his job well, he needs a foundation of medical and social sciences to help him deal with individuals or the disabled, just as he deals with newborns, children, young people, and the elderly. Therefore, when preparing nursing staff, attention must be paid to the requirements and duties of the health services available in the country, and focus on preparing Nurse in nursing institutes and schools. The role and functions of nurses: The scientific and technological progress that has occurred in the health field has led to the expansion and ramification of the nurse's role. After the nurse's main role was the physical care of the patient and the implementation of the doctor's instructions and requirements, his role now includes the following: Comprehensive care for the individual during health and illness, as this care includes the physical, psychological, social and spiritual aspects. Educating the patient and his family and providing them with the necessary guidance to prevent diseases and improve their health teaching other categories of nursing staff. Participate in developing a comprehensive and integrated health care plan for the individual, family, and community participation in scientific research in health care. Nursing education has a significant impact on the knowledge and competencies of nurses, all health care providers. Nurses with bachelors of Science in Nursing (BSN) degrees are enabled to meet various patients' needs; function as leaders; and advance science that benefits patients and the capacity of health professionals to deliver safe, quality patient care <sup>(11)</sup>. For example, the Lebanese healthcare system is becoming progressively more complicated; prospective nurses will encounter a highly challenging healthcare practice environment. The 20th century has been marked with various

health care system modifications; due to recognized failures in Healthcare System as the Lebanese health care system is varied and unrestrained with disintegrate funding <sup>(12)</sup>. Utilization of healthcare information technology (IT) is predicted to persist in expanding considerably. Medical schools, institutions, practitioners and students will all need to cultivate techniques for dealing with the abrupt amount of new information, concepts and skills <sup>(13)</sup>. It might assist with safer care when technology is used, but it will also demand monitoring, synthesizing and managing larger volumes of data for the patients allocated to their care. The challenging role of the prospective nurses will demand that a Registered Nurse acquire a widened knowledge base, command of skills and proficiencies that will enable the delivery of a highly complex patient care in cooperation and collaboration with an inter-professional team <sup>(14)</sup>. Continuous curricular modifications are an essential phenomenon in nursing academia in order to level learning with the rapidly evolving professional practice. Faculty members gain insight on the students' feedback on their clinical placements by the end of each semester through individual and group discussions using Interpretive Descriptive qualitative research methodology. Nursing programs aim to prepare nurses who are able to deliver safe and high-quality care and would be able to adapt to the evolving environments of practice. Nursing pedagogues' endeavor to expose the students to various learning experiences to make sure that they receive their information through multiple channels and would have access to the best available evidence. This strategy takes a lot of time and energy from the nurse educators, and might face multiple challenges <sup>(15)</sup>. There is proof that inter-professional healthcare training methods can be powerful in enhancing patient health results and decreasing healthcare expenses; Scientific research proclaims that inter-disciplinary cooperation results in various positive consequences, in both acute and primary care settings <sup>(16)</sup>. Powerful cooperation and team harmony yield higher patient contentment, lesser hospital retention, reduced medical errors, enhanced patient health results among individuals with chronic illnesses and a diminished mortality rate of hospitalized patients <sup>(16)</sup>. Yet, there are various obstacles to instituting effective incorporated teams, including a lack of shared perception of tasks and inter-professional practice among providers. To function coherently as members of these teams, students need to be prepared to deliver inter-disciplinary care and to take part in inter-professional teams <sup>(17)</sup>.

## 2. Material and Methods:

The study began in (the city of Mecca in the Kingdom of Saudi Arabia), and the study ended with writing the data collection in September 2024. The researcher used descriptive analysis, an approach that uses quantitative or qualitative description of the social phenomenon (The impact of nurses completing their educational attainment on the health services provided to patients and reviews in health centers) The independent variable (the job tasks for the entire nursing class) and the dependent variable (the job tasks assigned to him during his education while he is still working (studying and working)). This type of study is characterized by analysis, reason, objectivity, and reality. It is also concerned with individuals and societies, as it studies the variables and their impact on the health of the individual, society, and the consumer, and the spread of diseases and their relationship. For demographic variables such as age, gender, nationality, and marital status. Status and occupation <sup>(18)</sup>, and use the Excel 2010 Office suite pie

chart to sort the results <sup>(19)</sup>. The questionnaire is a wonderful and useful tool for collecting a huge amount of data, but the researchers were not able to conduct personal interviews with the participants in the online survey, due to social distancing rules at the time to prevent infection between participants and researchers and vice versa (Coronavirus sharing has not completely disappeared. of the community), and the questionnaire was only answered electronically, because the questionnaire consists of fifteen questions, all of which are closed-ended.

### 3. Results and discussion:

The percentage of those who agreed to participate in answering the responses to a questionnaire entitled (The impact of male and female nurses completing their educational attainment on the health services provided to patients and reviews in health centers) reached 99.6%, and the percentage of rejection was 0.4%, where the ages of the participants in percentage were as follows: from the age of 25 - 34 years old amounted to 28%, 35-44 years old amounted to 32.4%, and those aged 45-55 years old amounted to 39.6%. The gender of the participants was as follows: males, 18.3% and females, 81.7%. Their nationality was as follows (in percentage 91.1%: Saudi men and women, 8.9% of non-Saudi men and women, and their marital status was as follows: married (males and females) 62.5%, single (males and females) 25.8%, divorced (both sexes) 8.5%, widowed (Both sexes) 3.2%. While their educational status was as follows: illiterate (cannot read or write) 0.3%, primary school certificate 3.1%, Intermediate certificate 6.5%, secondary school 23.1%, university degree 58.6%, doctorate or master's degree 8.4%. Their occupations in percentage were as follows: unemployed (not working) 15.2%, government employee 56.8%, private sector employee 4.6%, retired 10.8%, self-employed 4.6%, student 8%. As for their responses to the questionnaire questions, they were as follows: The first question: Does completing a nurse's educational attainment increase the quality of work and better dealing with patients? Yes 94.8% No 0.3% I don't know 4.9%. The second question: Does completing the nurse's educational attainment help in adding a better result (to the work and patients) in a comprehensive way? Yes 92.8% No 2% I don't know 5.2%. The third question: Does completing the nurse's educational attainment help in studying difficult cases and simulating them in reality by dealing with different patients? Yes 93.6% No 0.4% I don't know 6%. Question Four: Is completing a nurse's academic achievement considered one of the best methods of applied education? Yes 86.4% No 4.4% I don't know 9.2%. Question five: Does completing a nurse's education bridge the gap between theory and practical application? Yes 85.6% No 4.4% I don't know 10%. Question Six: Completing the nurse's academic achievement helps him engage in reflective practice and further improve the quality of health services for patients? Yes 90% No 2% I don't know 8%. Question Seven: Completing the nurse's academic achievement expands the opportunities for applying close-up education? Yes 89.9% No 2% I don't know 8.1%. Question Eight: Completing the nurse's academic achievement helps improve communication skills with patients of various conditions? Yes 90.7% No 2% I don't know 7.3%. Question nine: Does completing a nurse's academic achievement help in continuous development during the work period? Yes 91.1% No 1% I don't know 7%. Question ten: Does completing the nurse's academic achievement help in strengthening his guiding principles? Yes 92.2% No 1.5% I don't know 6.3%. Question eleven: Is there a difference between the importance of completing a

nurse's educational attainment and the health services provided to patients? Yes 85.8% No 4.9% I don't know 9.3%. Question 12: Will educational attainment help the nurse further improve the organization of his time between teaching and nursing interests? Yes 80.7% No 5.2% I don't know 14.1%. Question thirteen: Does educational attainment help the nurse increase and raise his efficiency in his work environment? Yes 92.4% No 2.6% I don't know 5%. Question Fourteen: Does educational attainment help the nurse raise the value of the nurse in his work environment? Yes 94.4% No 1.5% I don't know 4.1%. Question fifteen: Does educational attainment help the nurse increase the flexibility of his work? Yes 89.9% No 4.5% I don't know 6.5%. (Table.No.1)

Table No.1: The impact of male and female nurses' completion of their academic achievement on the health services provided to male and female visitors in health centers, based on the opinions of male and female participants in the questionnaire

The effect	Yes	No	I don't know
Completing the nurse's educational attainment increases the quality of work and better dealing with patients	94.8%	0.3%	4.9%
Completing the educational attainment of the nurse helps in adding better (to the work and patients) comprehensively	92.8%	2%	5.2%
Completing the nurse's educational attainment helps in studying difficult cases and simulating them in reality by dealing with different patients	93.6%	0.4%	6%
Completing the nurse's academic achievement is considered one of the best methods of applied education	86.4%	4.4%	9.2%
Completing a nurse's education bridges the gap between theory and practical application	85.6%	4.4%	10%
Completing the academic achievement helps the nurse engage in reflective practice and further improve the quality of health services for patients	90%	2%	8%
Completing the nurse's academic achievement expands the opportunities for applying close-up education	89.9%	2%	8.1%
Completing the nurse's academic achievement helps improve communication skills with patients of various conditions	90.7%	2%	7.3%
Completing the nurse's academic achievement helps in continuous development during the work period	91.1%	1.9%	7%
There is an impact on the importance of completing the educational attainment of the nurse and the health services provided to patients	85.5%	4.9%	9.3%
Educational achievement will help the nurse further improve the organization of his time between teaching and nursing interests	80.7%	5.2%	14.1%
Educational achievement helps the nurse increase and raise his efficiency in his work environment	92.4%	2.6%	5%
Educational achievement helps the nurse increase the flexibility of his work	89.5%	4.5%	6%

There is a study entitled (Challenges Facing Nursing Education in Advanced Healthcare Environment) in 2018 by Mirna Fawaz <sup>(20)</sup> stated that there are challenges such as aligning nursing education with professional settings, integrating nursing as an integrated part of the workforce, and creating strong partnerships between educational facilities and Clinical settings and implementation of training and simulation programs Interprofessional curricula in nursing

education may be proposed Which ultimately benefits scholars, teachers and the profession for nursing education".

#### 4. Conclusion:

The current study concluded that there is a very significant positive impact of male and female nurses completing their educational attainment while working, as more attention is paid to providing better health services to male and female reviewers, as this was reflected and they noticed the difference in the service provided to them through the opinion of the participants in the questionnaire (94.8%), and their attainment helped Scientific achievement in engaging in contemplative practice and improving the quality of health services for patients further by a rate of up to 90%. Likewise, educational attainment helped the male and female nurse improve communication skills with patients of various conditions by a rate exceeding 90% (90.8%). It also helped him in continuous development during the work period by 91.1%. All of these things are an excellent and positive indicator for the benefit of the health service and the beneficiaries of the service. We advise continuing the work and taking their hand, as it is first and foremost in the interest of the citizen and resident taking into account the interest of the work first and last as well, However, there remain other obstacles and challenges in terms of practical and theoretical application for male and female nurses, which can be overcome through practical practice in their workplaces after approval of their departments.

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