

The Importance of Nursing in Modern Health Care Developments

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Abstract

This study aims to ,the impact of nursing on modern health care for patients and patients, the impact of nursing on health services provided to patients and patients, the impact of health services provided by nursing on patients in health facilities., 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 380 responses were obtained via email to the principal researcher.

Keywords: The importance, of nursing, in modern, health care, developments.

1. Introduction

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.” (1), Nursing is a science and an art. 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 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 (2), Nursing is a direct service aimed at meeting the needs of the individual, family, and community in health and illness (3), There are many definitions of nursing, but they all agree that nursing is the sum of services given to individuals and their families for the purpose of helping them maintain their natural condition or helping them relieve their physical and psychological pain. Nursing services may also have the purpose of preventing disease or assisting in diagnosis, treatment and prevention of disease. Complications occur, 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 given to the requirements and duties of the health services available in the country, and focus on preparing Nurses in nursing institutes and schools must: Maintaining health and promoting it to its highest levels. Protecting the individual and the family from disease, including the mother and the child. Caring for the sick and disabled and qualifying them to live with their disabilities and caring for the elderly. Nursing is considered a service to help the individual, whether sick or healthy, to carry out his daily requirements, relying on himself as much as possible, and it requires the power of observation to determine the individual's needs. Most nursing theories emerged in the mid-twentieth century influenced by theoretical developments in the human sciences, especially psychology, education, and sociology. Nursing theories focus on four axes: the individual, the environment, society, and nursing. Nursing theories differ in the way they interpret the relationship between the four axes and the expertise and experience of each theorist that he relies on in his theoretical proposal. Nursing theories are of great importance in practicing the nursing profession. From these theories, the principles of practicing and applying the profession are derived. Nursing theories also contribute to deriving experimental hypotheses for scientific research. It should be noted that nursing theories have contributed to establishing philosophical frameworks for management in nursing through which administrators extract their administrative visions. (4) Among these theories, but not limited to: General System by Imogen King, Adaptation by Celesta Roy, and Nursing Process by Ada Orlando. 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. Coordination of health services. Managing nursing services and supervising nursing staff members. Development of the nursing staff through developing development curricula for workers and the method of providing the required care. It involves taking care of the patient, the environment surrounding him and his family, and psychological support through providing health care that includes assessing his health condition, setting priorities for health care, giving intravenous solutions and medications, taking and monitoring the patient's vital signs, taking laboratory tests from blood samples, body fluids, etc., and recording them as a reference for the care that will be provided to the patient later. Nursing specialties: Mental health nursing, women's nursing, maternal health nursing,

children's health nursing, infectious disease nursing (infection control), community health nursing, cancer nursing, palliative care nursing, Internal and surgical nursing, Emergency nursing, forensic nursing, dialysis nursing, cardiovascular catheterization nursing, intensive care nursing, Nursing education in nursing institutes, Anesthesia nursing, wound nursing, pain control nursing, etc., surgical nursing.

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 importance of nursing in modern health care developments). The independent variable (The impact of nursing on developments in modern health care globally) in the health facility) and the dependent variable (The impact of nursing on developments in modern health care in Mecca). 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 ⁽⁵⁾, and use the Excel 2010 Office suite pie chart to sort the results ⁽⁶⁾. 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 participation rate in the questionnaire was 100% and the rejection rate was 0%. The age of participants from 25-34 years was 5.6%, and from the ages of 35-44 years it was 61.1%, and from the ages of 45-55 years it was 33.3%, and the gender percentage of participants was 22.2% male. 77.8% are female, and their nationalities are all males and females, Saudi men and women. As for the professions of the participants, they were all 100% government employees, and as for the educational status, it was as follows: holders of a diploma certificate 72.2%, holders of a university degree 22.2%, holders of a master's degree 5.6%, As for the responses of the participants in the questionnaire, they were as follows: First question: Is transformation in health care an essential component of Saudi Vision 2030? Yes 88.2%, No and I don't know 5.9% (equal). The second question: Does the Kingdom of Saudi Arabia pay great attention to micro-digital diagnostic products for diabetes and the medical complications associated with it? Yes 94.4% and No 0% I don't know 5.6%. Question Three: The establishment of many non-governmental organizations and charitable institutions in the Kingdom of Saudi Arabia that work to provide care and support for children? Yes 88.9%, No 0% and I don't know 11.1%, Question Four: The health sector transformation program is concerned with public health and all its

components, and works to facilitate access to health services and raise their quality, through developing and improving hospitals and care centers? Yes 100%. Question five: The Kingdom has taken digital health as a top priority for developing health services? Yes 100%. Question Six: Among the various health care sectors, the medical technology sector has emerged as an attractive sector and attracted the global attention of innovators and investors? Yes, 82.4%, No, 0%, and I don't know, 17.6%. Question Seven: Has it activated the role of telemedicine, such as virtual clinics, telemedicine, telemedicine consultations, teleradiology platform, and medical robots? Yes 100%. Question Eight: The National E-Health Strategy of the Ministry of Health aims to enhance the capabilities of the health sector in the digital field. Question Nine: Telehealth is the use of digital information and communications technologies to access remote health care services and manage the health care provided to you? Question 10: One of the Kingdom's programs to further develop the health field focuses on promoting health digital transformation with an emphasis on prevention before treatment, preserving human health inside and outside hospital walls, and enhancing the level of road safety? Also the same answer: Yes 100%. Question eleven: The government is also incentivizing the process of developing world-class health care facilities for the millions of pilgrims who visit the region to promote foreign tourism? Yes, 94.4%, No, 5.6%, and I don't know, 0%. The twelfth question: The most important priorities of the Kingdom of Saudi Arabia are to increase the privatization of health care services and encourage the participation of the public and private sectors? Yes 94.4% No 0% I don't know 5.6%, Question Thirteen: Increasing the scope of medical education and training of the local workforce, and promoting the adoption of digital information systems? Yes 100%, The penultimate question: Are there training or educational courses that you have taken and learned more about health developments in the Kingdom? Yes 83.3%, last question: Is there a health sector that has developed in a very noticeable way that has caught your attention? Yes 94.4% No 0% and I don't know 5.6%.(Table:no-1)

Table:no-1: The importance in modern health care developments, according to the opinions of participants

The importance in modern health care developments	Yes	No	I don't know
The Kingdom of Saudi Arabia pays great attention to digital micro-diagnostic products for diabetes and its associated medical complications	94.4%	0%	5.6%
The Health Sector Transformation Program is concerned with public health and all its components, and works to facilitate access to health services and raise their quality, through developing and improving hospitals and care centers?	100%	0%	0%
The Kingdom has taken digital health as a top priority for developing health services?	100%	0%	0%
Among the various healthcare sectors, the medical technology sector has emerged as an attractive sector and has drawn the global attention of innovators and investors.	82.4%	0%	17.6%
Has it activated the role of telemedicine, such as virtual clinics, telemedicine, telemedicine consultations, teleradiology platform, and medical robotics	100%	0%	0%

There is a study entitled (Developing modern primary care nursing in North Macedonia) Rosamund Bryar 2023

4. Conclusion:

This study concludes the developments in modern health care as follows: Great interest in digital early diagnosis products for diabetes and its associated medical complications, at a rate of 94.4%. The state has played a role in telemedicine, such as virtual clinics, telemedicine, telemedicine consultations, and the teleradiology platform. 100% medical robots, 100% remote health care using digital information and communications technologies to access 100% remote health care services and manage the health care provided to you.

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