

Summary

Technological advancements in the health care field have impacted the way health care disciplines are practiced and have provided improvements in patient care, documentation, research, and health education. Nursing practice has been greatly influenced by advancements in technology for more than thirty years resulting in the need to integration of nursing science with computer science and information science. The integration of these three scientific fields is known as nursing informatics.

The present study aimed at assessing staff nurse's and head nurse's dispositions toward using information systems at Benha University hospitals. That can achieved through:

- Identifying Head nurses disposition toward using information systems at Benha University Hospitals.
- Identifying Staff nurses disposition toward using information systems at Benha University Hospitals

The present study was conducted in all inpatient at Benha University hospitals that include critical units, medical departments and surgical departments.

The subjects of study were included two groups namely:

Head nurses group: consisted of 42 head nurses, that represented all head nurses at the time of the study, were chosen with more than one year of experiences in work setting and **Staff nurses group:** consisted of 492 staff nurses that represented all staff nurses at the time of the study, were chosen with more than one year of experience in work setting.



Data for this study was collected by using Interviewing questionnaire sheet .It was structured questionnaire, developed by the researcher after reviewing, related literature based on *Hobbs, (2002)*, *Polit, (2004)* and *Linda, (2010)* it was divided into tow parts:

-Part one: included personal data about the study subjects (age, years of experience, the department and qualification).

-Part two: included questions about dispositions toward using information systems. It was consisted of 4 categories:

- 1-*Importance of computer* included 13 questions as: is the use of computers in hospitals considered one of the necessary requirements?
- 2- *Importance of information systems* that included (24) questions as: are information systems useful in providing services to the patients?
- 3- *Importance of internet* included10 questions as: is it possible that the internet provides information on specific illnesses?
- 4- *Obstacles which facing nurses when using information systems* included 10 questions as: is the delay in the treatment of certain malfunctions in the computer may lead to disability work.

The study has generated the following findings:

- The head nurses and staff nurses at Benha University Hospitals have a positive disposition toward using information systems.
- There were a relation between the Head nurses& Staff nurses' disposition toward using information systems and their age and experiences.
- There was a relation between Head nurses and staff nurses disposition toward using information systems and their departments.



- The studied Head nurses and Staff nurses in Critical Units have the highest mean score while the head nurses and staff nurses in the surgical departments have the lowest mean score.
- There was a relation between staff nurses and their qualification that the staff nurses with nursing baccalaureate reported the highest mean score while staff nurses with nursing diploma reported the lowest mean score.

Based on the results of the study, the following was recommended:

For nurses:

Hospital administration should provide departments and units with computers as a mean to introduce computerized activities.

For education:

- In services education program about computers and information systems should be a continuous process for both head nurses and staff nurses.
- Planning for work shops about information systems, the electronic records and how using computer in the nursing documentation.
- Nursing faculty should provide nursing students with health information systems & quality of electronic documentation through its courses even nursing administration and computer science.