

## 45th Biennial Convention (16-20 November 2019)

### Registered Nurses' Attitudes Toward and Evaluation of the Internet for Seeking Health-Related Information (HRI)

**Shahrazad Ghuzlaan, MSN**

*Acute Care Nursing, Jordan University of Science and Technology, Irbid, Jordan*

**Background:** The Internet would help nurses to access online databases, in addition to evidence-based, practice-related information. The Internet is an infinite source of information, upon which anybody can post and upload information. Therefore, the health-related information searching process might be misleading and might lead to incorrect, inaccurate, or out-of-date information. Nurses should be capable of evaluating the online evidence, in order to effectively and safely integrate it in their practice.

**Purpose:** The purpose of the study was to assess RNs' internet use for seeking health-related information, and their attitudes towards doing so. The current study also aimed to assess RNs' evaluation of the internet HRI.

**Method:** A quantitative, descriptive, cross-sectional design was utilized. A convenient sample of 300 Jordanian RNs participated in the current study. Participants were recruited from different public, private and university hospitals in 6 Jordanian Governorates, using a structured self-reported questionnaire.

**Results:** The results revealed that 74.0% of the study's participants used the Internet for seeking health-related information, while 9.7% did not use the Internet at all. Of the internet-using RNs, 95.7% held positive attitudes towards using the internet for seeking health-related information.

Among the Internet-using RNs, only 36.3% thought that, in general, most of the information they found on the Web was credible. While, about 61.5% thought that only some of the Internet HRI was credible. The criteria which nurses relied on to evaluate the retrieved HRI varied. Criteria included checking the author (50%), websites' last date of update (50%), affiliation from a well-known organization (28.2%), availability of citations (1 participant). Some RNs evaluated the retrieved information based on their knowledge (20.5%) and area of practice (31.6%). Google ranked the first among the websites used to retrieve HRI with 44.6% of nurses, while online databases were used by less than 10% of RNs. Evidently, fewer RNs were aware of specific criteria for evaluating the internet HRI.

**Conclusion:** Jordanian RNs are in need of further coaching and training regarding evaluation criteria of Internet HRI. Improving nurses' computer and Internet capabilities can be achieved by integrating the roles, and the collaboration of administrators, researchers, and educators/trainers. The findings of the current study can be used as the basis for future studies in the field of Nursing Informatics, especially in Jordan.

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#### Title:

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**Keywords:**

attitude towards internet use, evaluation of internet information and health-related information

**References:**

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**Abstract Summary:**

A descriptive, cross-sectional study of Jordanian Registered Nurses attitudes toward use of the Internet for seeking health-related information and their evaluation of the information. Study was applied in 6 Jordanian Governarates' Public and University hospital nurses.

**Content Outline:**

**Background:** The Internet would help nurses to access online databases, in addition to evidence-based, practice-related information. Nurses should be capable of evaluating the online evidence, in order to effectively and safely integrate it in their practice.

**Purpose:** The purpose of the study was to assess RNs' internet use for seeking health-related information, and their attitudes towards doing so. The current study also aimed to assess RNs' evaluation of the internet HRI.

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**Results:** The results revealed that 74.0% of the study's participants used the Internet for seeking health-related information, while 9.7% did not use the Internet at all. Of the internet-user RNs, 95.7% held positive attitudes towards using the internet for seeking health-related information. Few nurses were aware of specific criteria for evaluating the internet health-related information, which was not comprehensive.

**Conclusion:** Improving nurses' computer and Internet capabilities can be achieved by integrating the roles, and the collaboration of administrators, researchers, and educators. The findings of the current study can be used as the basis for future studies in the field of Nursing Informatics.

First Primary Presenting Author

***Primary Presenting Author***

Shahrazad Ghuzlaan, MSN

Jordan University of Science and Technology

Acute Care Nursing

Graduate

Irbid, Huwwarah

Jordan

**Author Summary:** Entitled as Assistant Specialist in Critical Care Nursing from Jordanian Nurses and Midwives Council, who have a total experience of 8 years in clinical Nursing and training and education. Interested in research; Adult nursing, life support, management and leadership, and informatics. This work is part of my unpublished MSN thesis.