

Development and Evaluation of Website about Nursing Care in Post Anesthesia Care Unit

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Abstract

Introduction: The Post Anesthesia Care Unit (PACU) is the unit where patients under an anesthetic and surgical procedures must be kept to receive specialized nursing care. It is important for nurses to have access to the updated information to deliver care to the patients. Objectives: To develop a website about Post Anesthesia Care Unit related to the nursing care and evaluate its content. Methods: Research based on the DADI methodology. The evaluation was performed by practice nurses in the criteria of authority, general content, presentation and information reliability. Results: The website comprises 82 pages of information, photos and illustrations. The content was separated into stages to facilitate organization and subject understanding. Seventeen nurses evaluated it as excellent. Conclusion: The information available about the nursing care at PACU is reliable and valid.

Keyword:

Internet, Nursing informatics, Post anesthesia nursing.

Introduction

Advances in information technology introduced new approaches for health care and education allowing integration of electronic communications. The number of health professionals using Internet is rising because of the rapid speed and data sharing. In Brazil, there are 54 million internet users; in 2008 was found a ratio of 72% individuals who used the Internet for education [1]. Considering the internet evolution, the economic disparities in the country and the access to participate in continuous education programs, we decided to develop a website in PACU for nursing care. It will allow direct access to scientific knowledge daily practices, as well as updating and exchanging experience regardless of geographic location.

Methods

Applied research in Nursing Informatics, based on the development a website about Post Anesthesia Care Unit (PACU) assistance. The development followed the DADI methodology that comprises four phases: development, architecture, design and implementation [2]. The software used were Word 2007, Dreamweaver CS3®, Photoshop CS3 and Flash® CS3 for editions, image editing, creation of icons and animations. The language used was the HTML. The evaluation was performed

by nurses who work in Maceio city-Brazil with at least five years of experience in the field. The evaluators had ten days to visit the website and fill out a questionnaire.

Results

The website contains 82 pages with texts, images and animations. After evaluation, it was made available at URL: <http://www.unifesp.br/denf/NIE/enfermagemposanestesia/index.html> as showed in the Figure 1. The assessment showed that the users considered the content excellent (99%). It was also considered easy to access and navigate. Concluding, it was stated that the information available is of great importance for nursing because of the selected area of nursing care delivery.



Figure 1-The initial page of the PACU website

Conclusion

The information available about the nursing care at PACU is reliable and valid. The methodology was adequate to support a the development. We also consider that provide information to nurses in different regions of the country can make a difference in the care they deliver to the patients. Further analyses will be performed to evaluate the use of the website in the daily practice.

References

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