



Revista de Pesquisa Cuidado é
Fundamental Online

E-ISSN: 2175-5361

rev.fundamental@gmail.com

Universidade Federal do Estado do Rio
de Janeiro
Brasil

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CARE

Revista de Pesquisa Cuidado é Fundamental Online, vol. 5, núm. 3, julio-septiembre,
2013, pp. 202-210

Universidade Federal do Estado do Rio de Janeiro
Rio de Janeiro, Brasil

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EXPERIENCE REPORT

EVALUATION OF THE INTERACTIVE BLOG ON WOUND REPAIR AND NURSING CARE
AVALIAÇÃO DO BLOG INTERATIVO SOBRE REPARO DE FERIDAS E OS CUIDADOS DE ENFERMAGEM
EVALUACIÓN DE BLOG INTERATIVO SOBRE REPARACIÓN DE HERIDAS Y CUIDADOS DE ENFERMERÍA

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ABSTRACT

Objective: To describe the design and evaluation of the interactive blog on wound repair and nursing care. **Method:** experience report of the project entered into the monitoring program of the course Fundamentals of Nursing I EEAAC-FFU. The target audience was academics and nurses from May to July 2011. The form contains the following items: theme; figures of the blog and its contents; arrangement of colors and adequacy; survey and their reflections; availability of research articles and links. **Results:** The blog aims to interactivity, information dissemination and debate that are sources of update on research and specific nursing care developed based: basic and specific care information technology and communication with the scientific knowledge of nursing. **Conclusion:** The construction of knowledge in digital Nursing enhances the learning of nursing students and professionals, presenting new ideas for knowledge exchange. **Descriptors:** Nursing, Wound dressings, Information technology.

RESUMO

Objetivo: descrever a elaboração e a avaliação do blog interativo sobre reparo de feridas e os cuidados de enfermagem. **Método:** relato de experiência do projeto inserido no programa de monitoria da disciplina Fundamentos de Enfermagem I da EEAAC-UFF. O público alvo foram acadêmicos e profissionais de enfermagem de maio a julho de 2011. O formulário contém os seguintes itens: tema; figuras do blog e seu conteúdo; disposição das cores e adequação; enquête e suas reflexões; disponibilidade dos artigos e links de pesquisa. **Resultados:** o blog visa à interatividade, divulgação e debate informações que são fontes de atualização sobre pesquisas e especificidades dos cuidados de enfermagem desenvolvidos com base: nos cuidados fundamentais e específicos sobre tecnologia da informação e comunicação com o conhecimento científico da enfermagem. **Conclusão:** a construção do conhecimento digital na Enfermagem potencializa o aprendizado dos acadêmicos de enfermagem e profissionais, apresentando ideias novas pela troca de conhecimentos. **Descritores:** Enfermagem, Feridas, Curativos, Tecnologia da informação.

RESUMEN

Objetivo: Describir el diseño y evaluación del blog interactivo en la reparación de heridas y cuidados de enfermería. **Método:** relato de experiencia del proyecto entró en el programa de monitoreo de los curso de Fundamentos de Enfermería I EEAAC-FFU. El público objetivo eran académicos y personal de enfermería, de mayo a julio de 2011. El formulario contiene los siguientes elementos: Tema, figuras del blog y sus contenidos, combinación de colores y la adecuación de la encuesta, y sus reflexiones, la disponibilidad de artículos de investigación y enlaces. **Resultados:** El blog tiene como objetivo la interactividad, la difusión de información y debate que son fuentes de información actualizada sobre la investigación y los cuidados de enfermería específica desarrollada basada en: la tecnología de información de atención básica y específica y la comunicación con el conocimiento científico de la enfermería. **Conclusión:** La construcción del conocimiento en Enfermería digital, mejora el aprendizaje de los estudiantes de enfermería y profesionales, presentando nuevas ideas para el intercambio de conocimientos. **Descriptor:** Enfermería, Apósitos para heridas, Tecnología de la información.

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INTRODUCTION

The treatment of patients with wounds was hardly prioritized. And this happened because caring for wounds and seemed to be something easy that anyone could perform this procedure using the materials and products and not worrying about techniques and other related factors.¹

In clinical practice, despite the technological advances resulting from research results, it is still common to find several professionals who use products for topical treatment of lesions without scientific evidence.²

However, we now know that there are factors that interfere with the healing process and that there are products on the market that can be used in the prevention and treatment of wounds.

And for making the bandage is necessary to have a basic understanding of the etiology of the wound, as this will guide the procedure and nursing care to be undertaken; phases of wound healing, tissue types shows that the wound during these phases and the duration thereof, through visualization allowing the wound to be evaluated, and so observe whether the treatment is effective or if this fails, to identify these gaps and devise strategies to correct these, opt for changing the product that is being and used to counsel patients about the care needed with the dressing.

It is also important to know the main information of the products available for the treatment of wounds, such as indication and contraindication, mechanism of action, mode of use.

To assimilate all this information nursing students during graduation present some

difficulty, they feel unprepared in making the dressing. Not only as a person who touches them is unknown, difficult to associate theory with practice. Experience positive emotions such as enjoyment and satisfaction of nursing developed as negative and anguish, insecurity and fear.

To learn how to deal with such emotions, academic experience real situations providing nursing care to patients with wounds in theoretical practical. But when it comes to the necessary scientific basis for the care of these patients is not completely built by students, it has at the moment the first contact and action in nursing practice.

In this sense we are experiencing a transition in which the paradigms that were guiding the processes of teaching and learning are being put in question by not meeting the emerging needs. Therefore, it is important to develop new teaching methodologies, because teachers need to pay attention to learning a new behavior, arising from new technical rationality of perceptual stimuli it engenders. That is, knowledge of new proposals aimed at interactivity.

Thinking about it, the idea of creating an interactive blog that allows students to contact the cited content beyond the classroom, they could access at any time and to provide secure content and consistent with what we learn, besides providing security for know about it when they had to go into the field of theoretical and practical approaches to such issues.

Remember that according to the law of professional practice No. 7498 of 1986, the nurse performs all activities of Nursing, leaving him privately: nursing consultation, prescription of nursing care, direct care nursing to patients at risk

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of life; nursing care of greater technical complexity and requiring scientific knowledge base and ability to make immediate decisions.

These nursing activities mentioned above are the care provided for patients in the Outpatient Wound Repair and throughout the theoretical practical students of 4th period have the opportunity to display and perform such nursing practices, which will be the future actions of same, but as professionals.

Also noteworthy is the code of ethics of nursing, COFEN Resolution 311 of 2007 in Section I of the relationship with the person, family and community responsibilities and duties art. 25 - in the patient's record the information inherent and essential to the care process is also a nursing work that students have the opportunity to learn to perform the registration of nurses, the importance of this record, not only for continuity of patient care, safety and family and even legality of the service provided, giving the nurse support for their actions.

When it comes to themes present in the very reality of nursing, has been proposed with the intention of blog interactive disclose it debates and provide nursing students, besides being a source of information and update graduate students and nursing professionals .

Interactivity and its interfaces in these technologies of information and communication are the key words that allow us to understand the importance of this transition logic of distribution (broadcast) to the logic of communication (interactivity). This means the radical modification of the classic scheme based on connection information unilateral emissary/message- receptor: a) the emitter emits no more that is understood as meaning typically a closed message offers a range of possibilities and the handling elements of the receiver b) the J. res.: fundam. care. online 2013. jul./set. 5(3):202-10

message is not "issued" is no longer a closed world, frozen, unchangeable, untouchable, sacred, is an open world, modifiable as it responds to requests that the query c) the recipient is no longer receiving position in classic, is invited to the free creation, and the message makes sense in his speech.⁷

We aim to exchange knowledge from the construction of an interactive blog whose purpose is to highlight how is the healing process, the types of wounds, the bandage ideal and products used in the treatment of wounds, highlighting indications, contraindications, mechanism of action and mode of use; providing links to related articles. And thus enabling the training of nurses for the singularities of nursing care as well as ongoing support network for patients and families and / or caregivers.

It is noteworthy that blogging is one of the most popular communication tools of the Internet. One of its characteristics is that, in general, they look very similar, ie, the user is limited with respect to visual changes. Another feature of blogs is the update frequency. Some are updated daily; others weekly, monthly, and in some cases, up to several times per day. This feature also allows the insertion of various types of media such as sound, image, video and other.⁸

One of the possibilities of the Internet for education is the formation of blogs, web pages, using the protocols for data transmission and come with a server to store the information and features that need to be updated frequently, which makes it a tool that can assist in the learning process, as among its most fundamental features for their use in education is that it allows the student to be constantly updated in finding information, reading and critical comments and especially the interaction between people in

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exchange of experiences, favoring the process of knowledge construction.⁹

Therefore, the aim of this article is to describe the design and evaluation of interactive blog on wound repair and nursing care. Through this blog seeks to facilitate the learning of the target audience.

We understand that the development of this blog promotes this through information and communication technology education to health and quality of life for patients through continuous upgrading of nursing professionals as well as academics, encouraging the active participation of the same, providing learning, contributing to that content is discussed and interacted in constant construction.

METHODOLOGY

This interactive blog on wound repair and nursing care is the result of the monitoring project of the Department of Fundamentals of Nursing Administration and Nursing School Aurora Afonso Costa. The scenario is the development and dissemination Outpatient Wound Repair developed in physical space for Fluminense Federal University as one of the fields of theoretical and practical discipline Fundamentals of Nursing I. It is emphasized that the program is in reference nursing care to the client with wounds in Niterói located in the state of Rio de Janeiro.

The choice of this scenario was justified by: a) Being a university education, for excellence in wound b) Have an interdisciplinary team, c) encourage continuous research development.

Through the link on the blog interactive <http://monitoriareparodeferidas.blogspot.com/> dissemination and discussion of information is continuously updated source about research and the specific nursing care developed based on the following aspects: fundamental nursing care J. res.: fundam. care. online 2013. jul./set. 5(3):202-10

focused on wound healing, considering the habits of life, eliminations and support with medications, specific care focused on the etiology of chronic diseases considered comorbidities and wound because the wound healing or not this is an aggravation of chronic illness, comfort, hygiene falls / biosecurity, nutrition oral deficit in performing various activities, referral care, support for family / caregiver seeking help and guide nursing care the person injured.

Consider the following blog statement as:

INTERACTIVE BLOG ABOUT REPAIR OF WOUNDS AND NURSING CARE - Initial View



Source: <http://monitoriareparodeferidas.blogspot.com/?zx=5200c4cf7a209db3>. Acesso em: 26/06/11

INTERACTIVE BLOG ABOUT REPAIR OF WOUNDS AND NURSING CARE - View of the Poll and availability of links for research and knowledge exchange in order to interactivity



Source: <http://monitoriareparodeferidas.blogspot.com/?zx=5200c4cf7a209db3>. Acesso em: 26/06/11

As a source of knowledge and information from this blog is being circulated widely on the integration of teaching at the undergraduate and graduate levels in nursing in health education of customers, seeking the balanced state and quality of life. The scenario of disclosure of this blog is

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the designated site for the development of activities of care for patients with wounds and their caregivers, component unit of the Department of Management and Fundamentals of Nursing, School of Nursing, Fluminense Federal University, working with faculty members Undergraduate Nursing School of Nursing in the first and second half of 2011 with an emphasis on teaching, research and extension.

The target audience (customers / population) of this blog are nursing students and nursing professionals components of the disciplines I Fundamentals of Nursing and Adult Health Nursing and Aged Fluminense Federal University. These were the assessors of said blog.

The evaluation period blog was in May and July 2011. The evaluation form validation and contains the following assessment of the blog: about posts concerning the proposed topic, the figures of the blog and its content, the arrangement of colors and their suitability, the survey available and their reflections; availability Articles and their links to research and knowledge exchange.

In order to promote interactivity, knowledge sharing and assistance compatible with the reality we see that the blog has shown us the need to create new devices that put nursing as a science in construction. By combining scientific knowledge with technical procedures, the nurse uses of the various technologies for promotion, maintenance and restoration of health, exercising creativity with the art of caring and therefore should encourage professionals in the desire, the motivation and intentionality of inventing technologies aimed to facilitate and make your work faster, with the production of knowledge extracted from questions of praxis.¹⁰

Through this it is possible to establish public sources of information and communication J. res.: fundam. care. online 2013. jul./set. 5(3):202-10

in order to exchange knowledge and continuous possibilities of interactivity.

RESULTS AND DISCUSSION

ASSESSMENT OF THE INTERACTIVE BLOG ABOUT REPAIR OF WOUNDS AND NURSING CARE

The blog content is divided in explaining the wounds, describing what a wound is and what types.

The blog brings a poll asks visitors about their knowledge about healing, and allows the visitor to answer the need for information on the topic with the proposal to debate this issue. What enables the choice of topics and issues to be addressed, the needs and expectations of visitors, most of whom are the target audience.

It also includes links to sites of the Fluminense Federal University and works developed in it with willing subjects related to the blog, which enable the exchange of knowledge, research incentives, appreciation of work done at the Federal Fluminense University and contributes to learning and updating of visitors. Of these the blog received 1397 visitors viewing its contents, with 16 followers and 36 participants in the poll on the subject. It is worth noting that these figures are changed continuously with the disclosure of the work and participation of the audience.

In evaluating the interactive blog being attended by 40 of these 04 faculty evaluators considered experts in the subject proposal and 36 students from the undergraduate nursing. Forms were delivered to 10 teachers to be answered, of which only 04 returned. 03 of 04 lecturers belong to the discipline of Nursing Fundamentals I and 01 teachers of the discipline of Nursing in Adult Health and Aged II. Of the students of 4th period 40 were distributed evaluation forms, but these,

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20 assessed and delivered in the requested period and the students of 5th period were distributed evaluation forms 20 and 16 evaluated and delivered in the requested period. So in total we have 40 assessors who were part of the process of evaluation and validation of the blog.

These evaluators are extremely important because the nurse is directly related to wound care, whether in primary care services, secondary or tertiary, must rescue the responsibility to maintain the intensive observation with respect to local factors, systemic and external condition the appearance or interfere with the wound healing process. Therefore, we need a clinical view that lists some important points that influence this process, such as control of the underlying disease (hypertension, diabetes mellitus), nutritional, infectious, drug and especially the accuracy and quality of care education. It is worth noting also the importance of the association of healing that will be used from the systematization of treatment and according to the aspects and evolution of the wound.¹¹

With respect to the first category of analysis we find the following evaluation concerning posts on the subject proposed evaluators reported that 100% posts are consistent and up to date on the subject. These quantitative evaluators were 10% teachers and 90% students evaluators.

Regarding the arrangement of figures as well as your blog content, if they contribute to the visualization and understanding are consistent and up to date on the subject, 95% of appraisers reported that yes, since quantitative evaluators were 8% of teachers and 92% were students and 5% said they did not, and that number 50% students and 50% faculty. As proposed in the questionnaire in case of negative evaluators should leave their J. res.: fundam. care. online 2013. jul./set. 5(3):202-10

comments and observations about the figures were that there could be a greater number of patients and make treatment in Outpatient Wound Repair with prior permission of the same.

Regarding the importance of the content on the types of dressings, and products used to treat skin wounds depends on intrinsic and extrinsic factors. The treatment of skin wounds is dynamic and depends, each time, the evolution of the phases of healing. Currently there are numerous choices of dressings on the market. The financial resources of the patient and / or health facility, the need for continued use of the dressing, including home visits, and evaluation of benefits and costs are some of the aspects to be considered when choosing the type of dressing, which should be appropriate to the nature, location and size of the wound. Although there are a variety of dressings, one type of dressing did not meet the requirements to be applied to all types of wounds cutaneous.¹² Hence the importance of the availability of content and figures consistent with the theme that the approach is feasible with proposal of the blog.

Regarding the arrangement of colors and their adequacy, this item 97.5% of appraisers reported that yes, the colors are right, this quantitative teachers were 10.3% and 89.7% students, and 2.5% reported not, this quantity was 100% student. The comments are the colors of letters and background could be stronger, vibrant and letters of larger size for better viewing.

About the survey available and their reflections evaluators reported that 100% in the poll is consistent with the theme and brings reflections. These quantitative evaluators were 10% teachers and 90% students evaluators.

In the item on the availability of articles and links to their research and knowledge exchange have been reported with positive 95% of

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the evaluators, since quantitative teachers were 10.5% and 89.5% were students, and with negative 5% of reviewers being 100% since quantitative student. The observations were that the links were not displayed because it was not found, due its location at the end of the page. To these would be better suited to the links were arranged to promote this understanding.

We see that the education service proves an essential tool to improve care of nursing staff, since it contributes to an assistance committed, competent, and backed by consistent theoretical knowledge. Through the knowledge gained by the nursing staff, it is clear that workers feel valued by realizing that such investment seeks professional growth. For the nurse, is one of the moments of assuming their role as educators, as well manages to incorporate, in the pedagogical process in health, the singularities of the subjects involved in order processing practices and, as a consequence, attention offering unique and integral to human patient.¹³

Moreover, it emphasizes the importance of new studies nationwide with the extension of the analysis of this clientele with various types of wounds and the use of dressings associated with specific products at various levels of health care. This will allow us to obtain a more representative profile of this population and subsidies for the pursuit of new knowledge and guidelines to better assist these clients, taking into consideration our reality.¹⁴

Therefore, in the health informatics appears as one of the main resources that the professionals use to perform their activities with efficiency and quality. The Information Technology / Communication are under constant development, so it is necessary ownership and use of the computer as a work tool. Given the base of the profession as a social practice based on a J. res.: fundam. care. online 2013. jul./set. 5(3):202-10

scope of science and technology, it is necessary that nurses do not accommodate the alienation and exclusion, limiting the margin of the entire development process.¹⁵

CONCLUSION

The article presents information related to the interactive blog as a facilitator of student learning and nursing professionals by using the internet, modern technology, such as a tool, which allows communication and the audience about the care provided to patients wound, that treat, encouraging interactivity as a continuous process of knowledge exchange.

The information and communication technologies are an important feature since part of the daily audience of society, make learning more dynamic.

Allowing the possibility of continuous construction of digital knowledge in nursing with possibility to enhance learning and adding new ideas by presenting knowledge sharing, interaction and debates, the other blog visitors.

The important thing is that the activities in the field of action (outpatient wound repair), and the blog allow the improvement of nursing care, of care for patients with wounds, as well as their families.

The participation and contribution of evaluators (teachers and students) were also unique tools to better develop the interactive blog as a means of socialization and dissemination of knowledge. The modifications requested by the evaluators are being discussed as a source of improvement in content covered and developed instructional design.

It is important to underline that nurses should obtain computer skills in order to focus on improving the quality of care provided to clients suffering from various types of wounds, lest they

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be excluded from this technology. Hopefully once the knowledge developed from this blog can bring results to the natural process of interactivity and knowledge on this subject.

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Disponível em:
http://www.seer.unirio.br/index.php/cuidadofundamental/article/view/761/pdf_234

Received on: 29/07/201

Reviews required: 21/03/2013

Approved on: 01/04/2013

Published on: 01/07/2013