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## NOTE PREVIEW ARTICLE

### INSTRUMENT FOR NURSING PROCESS IMPLEMENTATION IN HOSPITALIZED SCHOOL CHILDREN: PREVIOUS NOTE

### INSTRUMENTO PARA A IMPLEMENTAÇÃO DO PROCESSO DE ENFERMAGEM EM ESCOLARES HOSPITALIZADOS: NOTA PRÉVIA

### INSTRUMENTO PARA LA IMPLEMENTACIÓN DEL PROCESO DE ENFERMERÍA EN ESCOLARES HOSPITALIZADOS: NOTA PREVIA

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#### ABSTRACT

**Objective:** to build an instrument for implementation of the nursing process for hospitalized school children based on the Theory of Basic Human Needs. **Method:** methodological research that will be developed in a Pediatric Clinic of a school-hospital, performed in seven stages, where the population/sample will be nurses attendance, teachers in the preliminary stages and school children in the validation phase of the final instrument. To participate in the research, the inclusion criteria will be met and will be asked to sign the informed consent. This research had the project approved by the Ethics Committee in Research, CAAE 24193313500005188. **Expected results:** the validated instrument contributes to the application of the nursing process in professional practice, encourage and organize the work of nursing, promote benefits for customer care, whether a record accessible and promote greater visibility of the importance of nursing care backed scientifically. **Descriptors:** Nursing; Hospitalized Child; Nursing processes; Validation Studies.

#### RESUMO

**Objetivo:** construir um instrumento para a implementação do processo de enfermagem a crianças em idade escolar hospitalizadas à luz da Teoria das Necessidades Humanas Básicas. **Método:** pesquisa metodológica, que será desenvolvida em uma Clínica Pediátrica de um hospital-escola, realizada em sete fases, onde a população/amostra serão enfermeiros assistenciais, docentes nas fases preliminares e crianças em idade escolar na fase de validação do instrumento final. Para participar da pesquisa, serão atendidos os critérios de inclusão e será solicitada a assinatura do Termo de Consentimento Livre e Esclarecido. Esta pesquisa teve o projeto aprovado pelo Comitê de Ética em Pesquisa, CAAE 24193313500005188. **Resultados esperados:** que o instrumento validado contribua para a aplicação do processo de enfermagem na prática profissional, favoreça e organize o trabalho de enfermagem, promova benefícios para a assistência da clientela, seja um registro acessível e promova maior visibilidade da importância da assistência de enfermagem respaldada cientificamente. **Descritores:** Enfermagem; Criança Hospitalizada; Processos de Enfermagem; Estudos de Validação.

#### RESUMEN

**Objetivo:** construir un instrumento para la implementación del proceso de enfermería a niños en edad escolar hospitalizadas basado en Teoría de las Necesidades Humanas Básicas. **Método:** investigación metodológica, que será desarrollada en una Clínica Pediátrica de un hospital-escuela, realizada en siete fases, donde la población/muestra serán enfermeros asistenciales, docentes en las fases preliminares y niños en edad escolar en la fase de validación del instrumento final. Para participar de la investigación, serán atendidos los criterios de inclusión y será solicitada la firma del Consentimiento Libre y Esclarecido. Esta investigación tuvo el proyecto aprobado por el Comité de Ética en Investigación, CAAE 24193313500005188. **Resultados esperados:** que el instrumento validado contribuya para la aplicación del proceso de enfermería en la práctica profesional, favorezca y organice el trabajo de enfermería, promueva beneficios para la asistencia de la clientela, sea un registro accesible y promueva mayor visibilidad de la importancia de la asistencia de enfermería respaldada científicamente. **Descriptor:** Enfermería; Niño Hospitalizado; Procesos de Enfermería; Estudios de Validación.

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## INTRODUCTION

School children are those who are in the period of life from six years old until about twelve years old. At this stage, hospitalization may be experienced as a critical and delicate situation, because when entering in the hospital, there will be several changes in the daily routine, which can interfere with the adaptation with the hospitalization, as the removal of familiar surroundings, friends from school and have to obey to pre-established rules by the institution, with schedules for diet, medication, hospital clothes, in addition to being subjected to invasive procedures and experience the limitations imposed by the physical environment or even the disease.<sup>1</sup>

With the numerous factors that interfere directly or indirectly on the health of children, the health care must adapt in order to pay attention to meeting the needs of this clients in the biological, emotional, psychological, social and spiritual context. It is important to emphasize that in hospitals, Nursing is the closest professional category of the patient during hospitalization, since it is present from the arrival until his going of the hospital. Thus, it is necessary to invest in forms of performance that improve the nursing care, as the nursing process is a facilitating instrument of this care.<sup>2</sup>

The nurse providing care, needs to set goals in order to meet fully the child health providing quality and visibility care. In this way, it is imperative that he integrates social issues with competence and ability by performing a service more effectively and with greater resolution. To do this, it is of fundamental importance to establish a method to guide the care provided.

It can be said that this is the method of the nursing process, which is understood as a methodological instrument that allows to identify, understand, describe, explain and/or predict the needs of the person, family or human collective, at any given moment of the process of health and disease, requiring professional nursing care. Encouraging and organizing nursing care, it presents numerous benefits when applied to healthcare practice.<sup>3</sup> because, besides allowing the nurse to give qualified care, it provides greater autonomy of their actions, supporting legally and enhancing the link between the professional and the client.<sup>4</sup>

According to the theoretical referential of Basic Human Needs, the nurse is a member of the nursing staff, which seeks with his care, the client becoming independent of the care as soon as possible through the teaching of

self-care, to recovery, maintain and promote health in collaboration with other professionals. This care directs on three levels: psycho-biological, psychosocial and psycho-spiritual.<sup>5</sup>

It is justified the choice of reference to guide the school care, since this must include not only the physical care provision for being effective, but also to consider and understand the emotional and social needs. Therefore, it should include the use of appropriate techniques of communication and relationship that can recognize and understand these needs, and also the theoretical part of the Project of Systematization of Nursing Care developed by the hospital unit where the study will be developed, along with a Post-graduation program in Nursing.

The application of nursing process still faces numerous difficulties but, in accordance with resolution 358/2009, it is imperative that nurses meet the current legislation which provides for on the *Systematization of Nursing Care and the implementation of the nursing process in public or private environments in which occurs the nursing professional care*, considering the implementation and documentation of the nursing process highlights the contribution of nursing in health care of the population, increasing the visibility and professional recognition.<sup>6</sup>

The application of the nursing process and nursing theories used in research and studies directed to healthcare practice, as well as the development of a standardized language for nursing care, are topics being increasingly discussed in national and international studies. The International Classification for Nursing Practice (ICNP®), which has one of its research centers in Brazil, is to search for the consolidation of standardisation of the language used by nursing with the mission to promote its use in clinical practice, education and research in nursing and contribute to the International Council of nurses and other research centers for the ICNP® to become a world reference terminology, strengthening nursing in care, education and research.

From the exposed above, for being part of the nursing staff of a Pediatric Clinic and being linked to a Post-graduation Program in Nursing, as well as to collaborate with the quality of care provided by the team, it is questioned: Can the construction of an instrument containing all the steps of the nursing process encourage its implementation and, consequently, the quality of nursing care to hospitalized children in the age group of 6 to 12 years old?



OBJETIVE

• To build an instrument for implementing the nursing process to hospitalized school children based on the Theory of Basic Human Needs.

METHOD

This is a methodological research, which refers to the investigation of the methods of production, organization and analysis of data, about the elaboration, validation and evaluation of research instruments and techniques. The goal is to develop an instrument that is reliable, accurate and usable so it can be used by other researchers, as well as assess their success in reaching the objective.<sup>7</sup>

It is being developed at the Pediatric Clinic of a School Hospital after the project has been assessed and approved in accordance with the CAAE: 24193313500005188, by the

Ethic Committee in Research/CEP, according the ethical aspects recommended by Resolution 12/466, of National Health Council, which regulates research on human beings<sup>8</sup>, and Resolution 311/2007 of the COFEN, reformulating the code of ethics of nursing professionals.<sup>9</sup>

The instrument will be end result of the research will follow the steps of the nursing process in the model of Systematization of Nursing Care (SNC) adopted by the hospital unit, which are: a history of nursing, nursing diagnosis, nursing care planning, implementation of interventions and evaluation and based on the Theory of Basic Human Needs of Horta and will be developed in stages, showed in Figure 1.

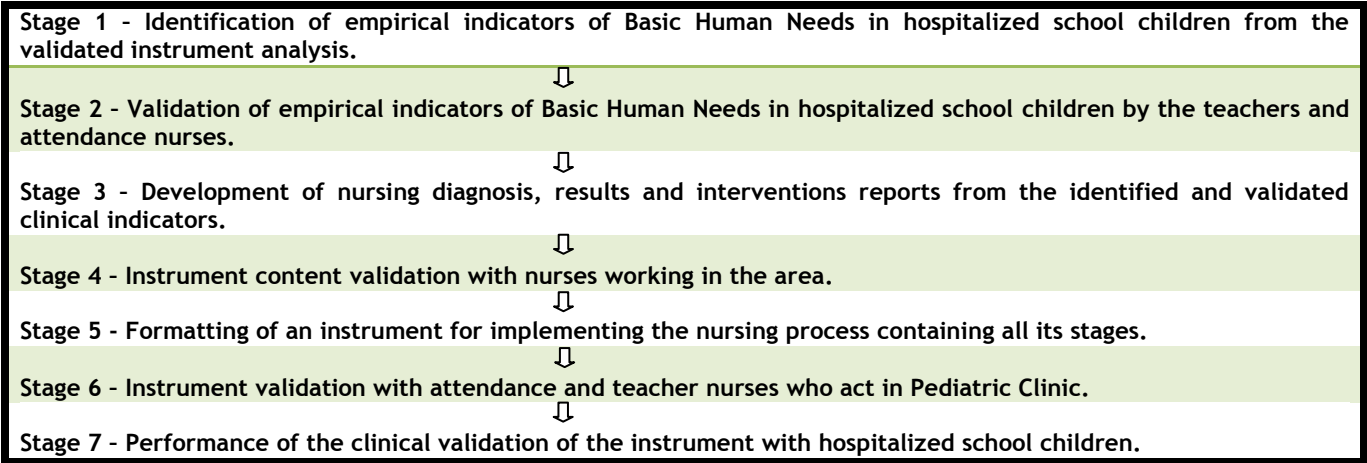


Figure 1. Research stages.

In the construction of the instrument for the implementation of the nursing process in hospitalized school children, the International Classification for Nursing Practice (ICNP ®) will be used, a combinatorial terminology to the practice of Nursing that facilitates cross-mapping of local terms, classifications and existing vocabularies. For the International Council of Nurses (ICN), the ICNP® constitutes an instrument of information, description and provides data that represent the practice of nursing in health information systems, and it can be used to make the exercise of Nursing visible in health information systems, but also to describe and integrate nursing research, education, administration and management, as well as the development of healthcare policies.<sup>10</sup>

In order to elaborate the proposed instrument for research, besides the ICNP®, there will be used the Nursing Minimum Data Set-NMDS)<sup>11</sup> and the International Nursing Minimum Data Set-i-NMDS.<sup>12</sup>

The Nursing Minimum Data Set<sup>11</sup> gave rise to the International Nursing Minimum Data Set (i-NMDS) and has been developed from the project which is developed by the International Council of Nurses (ICN) and the International Medical Informatics Association Nursing Informatics Special Interest Group (IMIA NI-SIG), which is a global project, focused on the coordination of data collection and analysis or information relevant to nursing support description, study and improvement of nursing practice. The project i-NMDS aims to build and use the ICNP® according to what is proposed by ICN. The concepts of ICNP® can be used by i-NMDS to represent the elements of Nursing: diagnostic, result and nursing intervention.<sup>12</sup>

EXPECTED RESULTS

It is expected that the construction of an instrument for implementing the nursing process contributes to the quality of the care provided to the hospitalized school children so that it takes place in an orderly manner,



based on scientific knowledge, taking into account the real needs of this clients. In addition to serving as accessible registration, becoming visible the nursing care to the health team, thereby giving priority care to the health of children and their families.

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