



**THE CONSTRUCTION OF A CATALOG ICNP®: MONITORING THE
DEVELOPMENT OF A CHILD FROM 0 TO 1 YEAR OLD**
**CONSTRUÇÃO DE UM CATÁLOGO CIPE®: ACOMPANHAMENTO DO DESENVOLVIMENTO DA
CRIANÇA DE 0 A 1 ANO**
**CONSTRUCCIÓN DE UN CATALOGO ICNP®: SEGUIMIENTO DE LA EVOLUCIÓN DEL NIÑO DE 0 A 1
AÑO**

Soraia Matilde Marques Buchhorn¹, Maria De La Ó Ramallo Veríssimo²

ABSTRACT

Objective: to build a technological subset (ICNP® catalog) for monitoring the development of children 0-1 year old in primary healthcare. **Method:** to build a catalog ICNP® (International Classification of Nursing Practice) on monitoring child development in primary health care. The International Council of Nurses (ICN) offers you ten consecutive steps with succinct guidelines on each part of the work to be done. The information to be validated will be obtained from the literature by cross-mapping the ICNP® Version 2.0. This project was approved by the Ethics Committee, Protocol n. 0114.0.196.000-11. **Expected Results:** to build a tool (set of terms of specific diagnosis and intervention) to help nurses in children 0-1 year old attendance in primary health care. **Descriptors:** Nursing; Nursing Diagnosis; Child Development.

RESUMO

Objetivo: construir um subconjunto tecnológico (catálogo CIPE®) para o acompanhamento do desenvolvimento da criança de 0 a 1 ano na rede básica de saúde. **Método:** pesquisa para construção de um catálogo CIPE® (Classificação Internacional das Práticas de Enfermagem) sobre o acompanhamento do desenvolvimento infantil na rede básica de saúde. O Conselho Internacional de Enfermagem (CIE) propõe dez etapas consecutivas, com diretrizes sucintas sobre cada parte do trabalho a ser desenvolvido. As informações a serem validadas serão obtidas na literatura por meio de mapeamento cruzado com a CIPE® versão 2.0. Este projeto foi aprovado pelo Comitê de Ética, Protocolo n. 0114.0.196.000-11. **Resultados esperados:** construir uma ferramenta (conjunto de termos diagnóstico e de intervenção específicos) para auxiliar o enfermeiro no atendimento a criança de 0 a 1 ano na atenção básica de saúde. **Descritores:** Enfermagem; Diagnóstico de Enfermagem; Desenvolvimento Infantil.

RESUMEN

Objetivo: crear un subconjunto tecnológico (CIPE® catálogo) para supervisar el desarrollo de los niños de 0-1 años en la asistencia sanitaria primaria. **Método:** la construcción de un catálogo ICNP® (Clasificación Internacional de la Práctica de Enfermería) en la vigilancia del desarrollo infantil en la atención primaria de salud. El Consejo Internacional de Enfermeras (CIE), que ofrece diez pasos consecutivos con las pautas breves sobre cada parte del trabajo a realizar. La información a ser validada proviene de la literatura obtenida a través del mapeo de la CIPE® versión 2.0. Este proyecto fue aprobado por el Comité de Ética, el Protocolo n. 0114.0.196.000-11. **Resultados esperados:** construir una herramienta (conjunto de términos diagnóstico y de intervención específicos) para ayudar a las enfermeras en el cuidado de niños de 0-1 año en la atención primaria de salud. **Descriptores:** Enfermería; Diagnóstico de Enfermería; Desarrollo del Niño.

¹Nurse, Master Professor of Nursing, School of Nursing, Federal University of Alfenas. Privet (MG), Brazil. E-mail: soraiaamm@terra.com.br;

²Nurse, Professor Doctor of Nursing, Department of Maternal-Child Nursing and Psychiatry, School of Nursing, University of São Paulo / USP. São Paulo (SP), Brazil. E-mail: mdlorver@usp.br

INTRODUCTION

The use of strategies and tools to improve the quality of health care, particularly in nursing, has been expanded and legitimized by the scientific and technical operations in recent years. Child health using algorithms, protocols, scales and other assessment tools and assistance has been gaining ground among professionals and managers, as it increases the effectiveness and efficiency of actions focused on serving the pediatric population.

Whereas the nursing classifications are included in the process technology of nursing work, because they are tools for everyday practical use and nurses, it can be said that are innovations as add new features and functionality in nursing care.¹ It is of fundamental importance the development and use of terminology to describe and document the practice of nursing, which contributes to test specific knowledge of nursing and only then consolidate them as scientific, bringing a better quality of life for children and increasing the visibility of nursing actions in the context of child health.

The ICNP® catalog (International Classification of Nursing Practice) in turn, is a set of terms used in a particular area, are terms specific diagnoses, interventions and nursing outcomes. Such standardization does not replace the accuracy and clinical judgment of nurses, but assists in the process of care and registration.²

The rationale for building a catalog aimed at following the development is supported in an attempt to optimize the practice of nurses in primary healthcare, as this is one of those directly responsible for monitoring not only growth, but also child development. In general, the specific actions of nurses in primary health care in the country are little are structured in relation to having instruments to guide assistance.³

From the perspective of improving the nursing care given to children at primary healthcare remains a useful tool construction and use of tools that help the professional to perform quality care, with optimization of resources and especially linked to children's needs.

OBJECTIVES

- **General Objective**
To build a technological subset (ICNP® catalog) to monitor the development of the child from 0-1 year old in primary healthcare.
- **Specific Objectives**

- To identify the ICNP® and surveillance tool in the development of the child health booklet from the Ministry of Health terms related to nursing practice in monitoring the development of children 0-1 year for making diagnoses, outcomes and nursing interventions.
- To develop the affirmative diagnoses, outcomes and nursing intervention to monitor the development of the child 0-1 year old, based on the current literature on the subject (scientific evidence).
- To validate with specialists in the affirmative diagnoses, outcomes and nursing interventions for monitoring child 0-1 year.
- To structure the ICNP® catalog for monitoring child development 0-1 year.

METHOD

This is research for building a catalog ICNP® (International Classification of Nursing Practice) on monitoring child development in primary health care. The International Council of Nurses (ICN) offers you ten consecutive steps, with succinct guidelines on each part of the work to be done.⁴

Step 1: Identify the category of the client and the health priority.

For this study, the category of the customer is the child 0-1 year of age and health priority is the development monitoring.

Step 2: documenting the importance of health priority contemplated by the catalog for nursing.

The literature search on the basis recommended by the Coordination for the Improvement of upper level (CAPES) relevant to the study area, as well as other publications lists in the past five years, was held from the question: why should take place following the development infant child 0-1 year in nursing consultation?

The rationale developed for this research project and presented in the introduction can be further expanded as new references are found throughout the study.

Step 3: Contacting the CIE to determine whether other groups working with health priority and establish relationships between them.

Was made in the registration page online project CIE and steps are being checked for interaction with other researchers from Brazil and Portugal.

Step 4: Using the model of ICNP® 7-axis for assertions diagnosis, interventions and outcomes.

All terms will be organized in the form of 7 axes of ICNP® the catalog will be developed,

Buchhorn SMM, Veríssimo MDLÓR.

taking as reference the record surveillance of child development that makes up the child's health booklet and ICNP® Version 2.0.⁵

Step 5: Identify evidence and publications relevant to the diagnoses and nursing interventions.

Will be used preferentially publications already systematized evidence on interventions to promote child development.

Step 6: Develop support content.

There will be a guiding document for catalog use ICNP® to monitor the development of children 0-1 year old.

Step 7: Verify and validate the claims of the catalog with nurse specialists in selected health priority.

Step 8: Add, remove and review the statements of the catalog if necessary.

The information to be validated in the literature obtained by cross-mapping the ICNP® Version 2.0. 6.⁶

Because it is a validation step, we propose the use of data collection through structured self reports collected through a questionnaire instrument type, in which the participant must answer their degree of agreement. Intends to use the Survey Monkey platform for hosting virtual questionnaire. The instrument will be subjected to a pilot test (pre-test) for evaluation and improvement.

Forms will be developed to collect information in a sequential and organized. The instrument for data collection will be divided into three parts: the first consists in the presentation of research, with their goals, ethical and also the guidelines for completing the questionnaire, the second part refers to the data of the participants, considering the criteria inclusion and exclusion. The third part will be the questionnaire on the information of diagnoses, interventions and outcomes. For validation, the degree of agreement will be considered assuming that there will be 80% agreement on issues of diagnosis and interventions, with a confidence interval of 10% plus or minus 5% significance and estimated a minimum sample of 62 participants.⁷

Be considered experts: specialist nurses with titration, masters or doctorate in pediatrics, or child health; teachers of undergraduate, whose teaching child health or pediatrics is under its responsibility for at least five years, with practice nurses in attendance the child more than five years. The exclusion criteria of participants will be considered the nurse who is unaware of the nursing process.

The construction of a catalog icnp®: monitoring...

Step 9: collaborating with CIE to prepare a final copy of the book after the presentation, evaluation and coding the same in print and digital and **Step 10:** CIE help spread the catalog.

♦ Ethical Aspects

To ensure the rights of participants and meet the elements contained in Resolution 196/96 of the Ministry of Health⁸ project was submitted to and approved under number 0114.0.196.000-11 by the Ethics Committee of the University of São Paulo.

♦ Financial Support

This study is part of the project "Qualification practice of nurses in promoting comprehensive child development: concepts, diagnosis and nursing interventions" which received financial support in 2012 by FAPESP.

♦ Expected Results

It is hoped that this study propose a subset of ICNP® terms. The terminology ICNP® to facilitate the use of the classification and nursing care system.⁹ That is it is a tool (digital and print) to assist nurses in caring for children from 0-1 year old.

REFERENCES

1. Cubas MR. Instrumentos de inovação tecnológica e política no trabalho em saúde e em enfermagem - a experiência da CIPE®/CIPESEC® Rev Bras Enferm [Internet]. 2009 Sept-Oct [cited 2011 Aug 21];62(5):745-7. Available from: http://www.scielo.br/scielo.php?script=sci_arttext&pid=S0034-71672009000500016&lng=en&nrm=iso. ISSN 0034-7167. <http://dx.doi.org/10.1590/S0034-71672009000500016>.
2. Conselho Internacional de Enfermeiros (CIE). CIPE® Versão 1: classificação internacional para a prática de enfermagem. São Paulo: Algor; 2007.
3. PinaJC, Mello DF, Lunardelo SR. Utilização de instrumento de registro de dados da saúde da criança e família e a prática do enfermeiro em atenção básica à saúde. Rev bras enferm [Internet]. 2006 June [cited 2011 Aug 21];59(3):270-3. Available from: http://www.scielo.br/scielo.php?script=sci_arttext&pid=S0034-71672006000300004&lng=pt. <http://dx.doi.org/10.1590/S0034-71672006000300003>.
4. International Council of Nursing (ICN) Guidelines for ICNP Catalogue Development. Geneva, Switzerland: International Council of Nursing; 2008.

5. Brasil. Ministério da Saúde. Secretaria de Atenção à Saúde. Departamento de Ações Programáticas Estratégicas. Área técnica da saúde da criança e aleitamento materno. Manual para utilização da caderneta de saúde da criança. Brasília: Ministério da Saúde, 2005b.
6. Nóbrega, MML, Garcia TR, Araruna JF, Nunes WCAM, Dias GKG, Beserra PIF. Mapeamento de termos atribuídos aos fenômenos de enfermagem nos registros dos componentes da equipe de enfermagem. Revista Eletrônica de Enfermagem [Internet] 2003 [cited 2011 Aug 21];5(2):33-44. Available from:
<http://www.revistas.ufg.br/index.php/fen>
7. Bolfarine H, Bussab WO. Elementos de amostragem. São Paulo: Edgar Blucher; 2005.
8. Brasil. Ministério da Saúde. Conselho Nacional de Saúde. Comissão Nacional de Ética em Pesquisa - CONEP. Resolução no 196/96 Sobre pesquisa envolvendo seres humanos. Brasília;1996.
9. Nóbrega RV, Souza GLL, Brito SS, Queiroga V, Nóbrega MM. Mapeamento de termos nos registros de hipertensos em uma unidade de saúde da família com a CIPE®. J Nurs UFPE on line. [Internet]. 2013 Feb [cited 2013 Mar 21];7(2):321-7. Available from:
www.revista.ufpe.br/revistaenfermagem/index.php/revista/article/.../5235

Submission: 2013/04/03

Accepted: 2013/06/16

Publishing: 2013/07/15

Corresponding Address

Soraia Matilde Marques Buchhorn
Universidade Federal de Alfenas
Escola de Enfermagem
Rua Gabriel Monterio da Silva, 700 / Centro
CEP 37130.000 – Alfenas (MG), Brazil