



Supporting the autonomy of children and families in medical treatment: Practice and diffusion of Care Model for children undergoing medical examinations and procedures

Department of Nursing, Faculty of Health and Welfare
Professor Naomi Matsumori

Address Room 3520, Mihara Campus, Prefectural University of Hiroshima

E-mail matumori@pu-hiroshima.ac.jp



Research Fields : pediatric nursing

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● Research Topics

“Preparation” in pediatric nursing is defined as the provision of support for promoting the psychological readiness of children and families prior to medical examinations, procedures and nursing care so that they can engage autonomously in these activities. These types of practice not only seek technical ways of providing explanations using tools within basic pediatric nursing care models, but are also important as a way of thinking about the significance of practice from the perspective of protection of the human rights of children and families in the clinical setting. In addition to examining ways in which nurses and other medical staff can put into practice concrete, easily understandable methods appropriate to stages of development and levels of understanding and utilize these methods in the clinical setting, this research explores ways of teaching and the diffusion of pediatric nursing care model to nursing students and nurses.

This study also examines issues such as the use of oral explanation, gesture, dolls and model medical equipment, as well as real medical equipment, to explain nursing care and medical procedures in an easily understandable way and to encourage children to express their emotions; methods used to distract children during painful treatment and the creation of a positive environment; and helping children to release emotions and stress after surgery or highly invasive tests or treatment.

This raises issues such as objective evaluation from short- and long-term perspectives of the psychological and

physical effects on children, and the possibility of providing help to families (parents) as a form of childcare support.

● Research Theme in the future

These types of practice are expected to be linked to supporting the autonomy of children and families in medical treatment, easing fear and anxiety about medical examinations and procedures, and preventing psychological damage and negative effects on growth and development.

Furthermore, by thinking about how to provide medical information to children and families, and by promoting specific practice with a primary emphasis on the protection of the rights of children and families, it should be possible to improve the quality of medicine and nursing.

● Research Theme for Collaboration

Another anticipated result is the deepening of collaboration with world wide professionals in various child-related fields through application to childcare and education and information exchange in these fields.

● Results in Collaboration with Society

My research theme is supported by Grants-in-Aid for Scientific Research in Japan 2009-2022.

In 2010, our university and NRW Catholic University Applied Sciences of Germany entered into an academic agreement. We therefore conducted comparative research with Germany by through multiple discussions with Prof. Michael Isfort.

Related literature

- Practical application and evaluation of a care model for informing and reassuring children undergoing medical examinations and/or procedures (part 2): Methods of relating and practical nursing techniques that best bring out the potential of children, *Japan Journal of Nursing Science*, 3, 51-64, 2005.
- Psychological preparation practices for children undergoing medical procedures in Japan and Germany, *Open Journal of Nursing*, 3 (2), 2013.
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- Effects of an Intervention Program for Promoting Ethical Practices Among Pediatric Nurses, *Comprehensive Child and Adolescent Nursing*, <https://doi.org/10.1080/24694193.2018.1470704>