

Effect of Knowledge and Self-efficacy Enhancement Program on Self-efficacy of Caregivers of Children with Acyanotic Congenital Heart Disease

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Abstract

Purpose: The purpose of this study was to examine the effect of knowledge and self-efficacy enhancement program on self-efficacy of caregivers of children with acyanotic congenital heart disease.

Design: A quasi-experimental research, pretest-posttest control group design.

Methods: The study subjects were caregivers of children aged 3-12 months with acyanotic congenital heart disease and not yet receiving a surgery. These children were admitted to the Queen Sirikit National Institute of Child Health due to certain complications. Eligible subjects had to be female and had bloody relation to the children. The subjects selected by convenience sampling were divided into control and experimental groups with 15 each. The control group received usual care while the experimental group received the knowledge and self-efficacy enhancement program for 5 consecutive days. The program contained a set of activities based on the sources of self-efficacy proposed by Bandura. The instruments consisted of demographic data form and self-efficacy in providing care for children with acyanotic congenital heart disease questionnaire. Data were analyzed by using descriptive statistics and independent t-test.

Main findings: Results revealed that the baseline self-efficacy scores in both groups of the study were not significantly different ($p > .05$). After participating in the program, mean self-efficacy score of caregivers in the experimental group was significantly higher than that in the control group ($t = -6.705$, $p < .001$).

Conclusion and recommendations: These results indicated that the knowledge and self-efficacy enhancement program had positive effect in raising self-efficacy of caregivers of children with acyanotic congenital heart disease. A further application of the program should be promoted and implemented in nursing practice to assist caregivers of children with congenital heart disease.

Keywords: caregivers, children with acyanotic congenital heart disease, self-efficacy