

Effect of the ICU Transferred - preparation Program for Patients with Coronary Artery Bypass Graft and Valvular Heart Replacement/ Repair on Transfer Anxiety and Satisfaction *

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Abstract:

Purpose: This research aimed to determine the effect of the ICU transferred-preparation program for coronary artery bypass graft and replacement/repair valvular patients on transfer anxiety and their satisfaction towards the nursing services.

Designs: Quasi-experimental design.

Methods: A sample of 60 patients admitted to the cardiovascular thoracic ICU at Siriraj Hospital with coronary artery bypass graft and valvular heart replacement/repair was recruited. The sample was divided into a control group receiving usual care and an experimental group receiving the ICU transferred-preparation program with 30 patients each. The instruments for data collection were consisted of a demographic characteristics data from, Pre-Transfer Anxiety Inventory (Pre-TAI), Post-Transfer Anxiety Inventory (Post-TAI) and satisfaction questionnaires. The data were analyzed by using frequency, percentage, mean, standard deviation, Chi-square test, and t-test.

Main finding: The results showed that both transfer anxiety scores prior to and after the transferred periods in the experimental group was significantly lower than that in the control group ($p < .05$). However, the satisfaction scores in the experimental group was not significantly higher than that in the control group ($p > .05$).

Conclusion and recommendations: The results suggest that using the ICU transferred - preparation program for patients with coronary artery bypass graft and valvular heart replacement/repair helps improve quality of care and decrease the anxiety of patients who were transferred from ICU. The program should be encouraged for use in a routine nursing practice with this group of patients.

Keywords: anxiety, coronary artery bypass graft, valvular heart, ICU transferred-preparation

J Nurs Sci 2011;29(4):27-36

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** Research Grant: Routine to Research (R2R) Project, Faculty of Medicine Siriraj Hospital, Mahidol University*

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