

# 27<sup>TH</sup> SURGICAL NURSING & NURSE EDUCATION CONFERENCE

OCTOBER 16-17, 2017 DUBAI, UAE

## The effect of education program on knowledge and self-care ability in patient's undergoing coronary artery bypass grafting

**Anutsara Mansin**

Mahidol University, Thailand

The purpose of this study was to investigate the effect of an educative program on knowledge and self-care ability in patients undergoing Coronary Artery Bypass Graft (CABG) surgery. It is a quasi-experimental design study. The sample was composed of 100 patients who underwent CABG surgery for the first time. The first 49 patients were assigned into the control group, followed by 51 patients into the experimental group. The experimental group received the education program at the day appointed for a surgery, the day of admission and the 5<sup>th</sup> post-operative day. The education content was the comprehensive pre- and post-operative information enhancing recovery during hospitalization and at home delivered by giving verbal information with video. Data were collected by using the pre-operative and pre-discharge knowledge questionnaires and the self-care ability questionnaire at the 5<sup>th</sup> day and the first month post operation. Data were analyzed by using mean, standard deviation and independent t-test for test of difference between groups. The study revealed that the pre-operative and pre-discharge knowledge mean scores and the mean self-care ability scores at post-operative day 5<sup>th</sup> and at 1 month of the experimental group were significantly higher than those of the control group ( $p < 0.001$ ).

### Biography

Anutsara Mansin has completed her MSc from Mahidol University, Thailand. She is the Staff Surgical Nurse at Siriraj Hospital, Thailand.

[anutsara.man@mahidol.ac.th](mailto:anutsara.man@mahidol.ac.th)

### Notes: