

Effect of perioperative protocol of care on clinical outcomes among patients undergoing coronary artery bypass graft

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Abstract

Aim: The study purpose was to determine the effect of perioperative protocol of care on clinical outcomes among patients undergoing coronary artery bypass graft. Subjects: A sample of 100 adult patients who were planned for coronary artery bypass graft, were selected and divided alternatively and randomly into two equal groups (50 study -50 control). The study was carried out at National heart Institute in Cairo and open heart surgical intensive care unit in Shebin El-Kom Teaching Hospital.

Instruments: Four instruments were used for data collection: Interviewing questionnaire, dyspnea analogue scale, Biophysiological measurement instrument and Compliance assessment sheet. Results: There were statistical significant differences between both groups regarding most respiratory system assessment findings at discharge. More than two thirds of the study group of the current study had continuous and regular commitment to diet regimen which ranked the first followed by compliance of daily living activities then quitting smoking.

Conclusions: The perioperative protocol of care has a significant improving effect on respiratory findings, dyspnea degree, duration of mechanical ventilation, length of hospital stay, compliance to diet, therapeutic regimen, daily living activities and quit smoking among study group undergoing CABG.

Recommendations: Perioperative protocol of care should be carried out for CABG patients at open heart surgical units as well as an illustrative colored booklet about CAD, CABG and perioperative care should be available and distributed to all CABG patients.



Biography:

Work as clinical instructor at the Higher Institute of Nursing - University of Menoufia in 1993 Appointed as Assistant Lecturer at the Higher Institute of Nursing - Menoufia University Appointed as a lecturer at the Faculty of Nursing - Menoufia University in 2006 Appointed as assistant professor at the Faculty of Nursing - Menoufia University in 2012 Appointed as assistant professor at the Faculty of Nursing - Menoufia University in 2012 Vice Dean for Student Affairs in the academic year 2014-2015. Head of the Department of Internal Surgical Nursing Faculty of Nursing University of Menoufia during the academic year 2015/2016 - 2016/2017. Obtain a certificate of appreciation from the Medical Surgical Nursing Department as a distinguished faculty member. Arbitrator in the International Journal of International Journal of Education and Practice

Speaker Publications:

1. "Effect of perioperative protocol of care on clinical outcomes among patients undergoing coronary artery bypass graft"; Asian J. med. / 2018 / 30(8) /pp 1731-1735
2. "Effect of perioperative protocol of care on clinical outcomes among patients undergoing coronary artery bypass graft/ Vol 151 (2019) 199–211
3. "Effect of perioperative protocol of care on clinical outcomes among patients undergoing coronary artery bypass graft"; Journal of nursing/ Vol 271, 2020, 110961.



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