



Impact of Educational Program among Open Heart Surgery Patients on Minimizing the Incidence of Post Operative Infections

Sahra Z. Azer; Sanaa M. Alaa Eldeen; Mohammed Abd-Elwahb; Amal M. Ahmed

Abstract:

The present study aimed to investigate the impact of educational program among open heart surgery patients on minimizing the incidence of post operative infections. Data were collected from cardiothoracic surgery department, intensive care unit, and outpatient clinic at Assiut University Hospital. The study was conducted on 60 adult patients with open heart surgery (30 - study group and 30 - control group) who have been selected randomly. Data were collected through: four tools; (cardiac surgery patient needs assessment sheet, cardiac teaching program based on individualized patient needs assessment, cardiac post operative observation checklist sheet, and cardiac post operative wound site infection evaluation sheet). Results of this study concluded that, more than half of the patients in study group 53.3 % were females, 70 % were married, and 40 % their ages ranged from 18 - 29 years. While the majority of the patients in the control group 63.3 % were male, 46.7 % were married, and 33.3 % from 30 - 39 years. Conclusion; Significant differences for improvements throughout educational program phases among study group regarding total score of knowledge and practice about open heart surgery. The study recommended that, pamphlets and simple illustration booklet should be available for patients illiterate to with simple explain how to safely live after open heart surgery. The patients must understand the importance of oral hygiene and visiting a dentist regularly because dental infections can affect the valve prosthetic.

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