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Original Research Article

Relationship between daily living activities in obese and overweight patients after coronary artery bypass graft surgery

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ABSTRACT

Introduction: It seems that by determining how able to perform daily life activities and identifying the factors that affect it, it is possible to design appropriate care and rehabilitation programs to return these patients to the community more quickly. Therefore, this study was performed to determine the status of daily activities and tools of life and related factors in overweight and obese patients who have undergone coronary artery bypass graft surgery. **Material and Methods:** This descriptive cross-sectional study was performed in 2018 with the participation of 84 patients who were candidates for coronary artery bypass graft surgery at Shahid Madani Hospital (Tabriz University of Medical Sciences). The relationship between obesity and overweight after surgery with daily activities in all patients was investigated and the results were reported. **Results:** LR logistic regression model. In this model, the dependent variable was considered as both independent and dependent (or in need of help) and then this model showed the variables of gender ($P=0.004$, $OR=10.51$, $15.41 - 2.15$) and carotid artery involvement ($P=0.01$, $OR=1.12$, $0.79 - 1.19$). **Conclusion:** The findings of this study showed that in the one-month postoperative phase, the study units, which consisted of obese or overweight people, were independent to carry out their daily activities of life, while they were instrumental in performing activities. In everyday life, most of them need help and dependence.

Keywords: daily activities, overweight, obese, coronary artery bypass graft