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Evaluation of survival rate and effective factors in acute myocardial infarction patients in Emam Hospital (Year 2000)

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Abstract:

Introduction: For the time being we have considered that the myocardial infarction is an increasing event in Islamic Republic of Iran and there are many procedures and methods which can help us to diminish the number of death from this ongoing event. The main aim of this research is to determine the survival rate in those patients who have had acute myocardial infarction and the association of it with different variables. Methods and Materials: The present research is a descriptive case-series study which evaluates the 100 cases of acute myocardial infarction who had been admitted in Tehran Emam Khomeini Hospital during the year 1999. Results: The mean age of patients was 57 years. The peak of attack rates was in spring and autumn. Investigating of the past history of these patients reviled that 41 percent had been smokers, 63.5 percent have had the history of previous ischemic heart disease, 41 percent have had hyper cholestrolemia, 34 percent had hypertension, 18 percent had diabetes mellitus, 9 percent had mitral rigurgitation and 9 percent had heart block. The Survival rate in our study has been calculated 68 percent in first 28 days of disease. Conclusion: In our study we concluded that there is significant correlation between survival rate and past history of hypertension, ischemic heart disease, tobacco smoking and clip classification.

Keywords:

Clip classification، Hypercholestrolemia

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