

Abstract

Original Article

Complications after Thrombolytic Treatment in Patients with Acute Myocardial Infarction and Their Reflection on Nursing Practices

Dilek Karaman, MSc

Lecturer, Bulent Ecevit University Ahmet Erdogan Health Services Vocational School, Department of Health Care Services, Aged Care Program, Zonguldak/Turkey

Dilek Kara Yilmaz, PhD

Lecturer, Uludag University School of Health, Department of Nursing, Bursa, Turkey

Derya Uzelli Yilmaz, MSc

Lecturer, Izmir Katip Celebi University Faculty of Health Sciences, Department of Nursing Izmir, Turkey

Correspondence: Dilek Kara Yilmaz, Uludag University School of Health, Department of Nursing 16059 Gorukle, Bursa, Turkey. E-mail: dilekkara15@hotmail.com

Abstract

Introduction: Cardiovascular disease has become one of the most common diseases in the world with the development of the industrial society. This study was conducted to examine the complications of thrombolytic treatment and their effects on nursing practices.

Methods: This descriptive and observational research was carried out on 60 patients who were hospitalized with acute myocardial infarction in the coronary intensive care units of a public hospital between January, 2011 and December, 2011. In collection of the data the questionnaire developed by the researchers was used. In evaluation of the data frequency and percentage values were used in SPSS 17.0 software.

Results: It was determined that the 73,3% of patients participated in the study were male, 56,7% were in between 50-69 age group; 55% were smoking and 33% had alcohol consumption habit. According to the ST localization; 60% of patients were diagnosed with inferior myocardial infarction and 70% had hypertension, the developed complications were determined in 96,7% of patients as 97% minor bleeding, 95% arrhythmia, 93,3% hypotension, 3,3% fever and 1,7 major bleeding. It was found that the 93,3% of minor bleeding complications were in intravenous failed attempt places, 16,7% gingiva, 3,3% intraocular bleeding, 15% epistaxis, 5% ecchymosis.

Conclusion: Nurses were advised to follow the patients in terms of complications and to open vascular accesses more carefully on patients who will get treatment of acute myocardial infarction.

Keywords: Acute myocardial infarction, Complications of thrombolytic treatment, Nursing practices, Thrombolytic treatment