Cardiovascular mortality and its predictors in the republic of tatarstan (Russia)

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Abstract

© 2016, International Journal of Pharmacy and Technology. All rights reserved.Cardiovascular diseases remain the main cause of death in the population around the world. The US and Western European countries have tendency to reduction in cardiovascular mortality in recent decades. At the same time, in the Russian Federation, cardiovascular mortality is more than two times higher as compared to the US. Cardiovascular disease in the Russian Federation is the cause of at least 50% of all deaths. Objective: To evaluate the cardiovascular mortality in rural and urban areas of the Republic of Tatarstan of the Russian Federation during 2002-2007. To identify the predictors of cardiovascular mortality. Materials and methods: The first phase of the study was carried out in 2002. Cardiovascular diseases were diagnosed, and the risk factors were evaluated. Re-examination was conducted in 2007. The study involved total 2,353 persons. Results: cardiovascular mortality in the Republic of Tatarstan in 2002-2007 was 821.64 per 100,000 population. In the mortality structure, cardiovascular disease accounted for 66.67%. The most significant predictors of cardiovascular mortality are chronic heart failure and diabetes mellitus.

Keywords

Cardiovascular mortality, Epidemiology of cardiovascular diseases, Predictors of cardiovascular mortality