

# **EPIDEMIOLOGICAL ASPECTS OF DIABETES MELLITUS IN THE WORLD AND IN UKRAINE**

Bezdetko N. V., El Zein Ahmad  
National Pharmaceutical University, Kharkov, Ukraine  
[Ph-econom@nuph.edu.ua](mailto:Ph-econom@nuph.edu.ua)

Diabetes mellitus (DM) - is a global medical and social problem. It takes a leading place among the causes of disability in the population. The cost of treating diabetes and its complications take up to 20-25% in the structure of the budget for health care.

Aim of research - Analysis of the dynamics of DM in the world and in Ukraine. Material and methods. WHO statistics, the Ministry of Health of Ukraine, the Ukrainian Diabetes Federation data. The study uses the analytical, statistical methods/

Results. According to WHO data in 2013 was 382 million diabetes mellitus patients in the world. By 2035, 592 million patients is expected. In Sweden during 2005 to 2013 the age-standardized prevalence increased from 41.9 and 29.9 per 1000 in 2005/2006 to 50.8 and 34.6 in 2012/2013 in men and women, respectively. In the Netherlands, the prevalence of diabetes was risen to a 36% in the period 1993-2010. Diabetes increases the risk of sudden death in 50% of men, women - 300%, the risk of ischemic stroke - 50%, kidney disease - 17 times, lower limb gangrene - 20 times. Over the past 10 years, the prevalence of diabetes in Ukraine increased by 1.5 times. On 1 January 2015 in the country was 1,198,047 DM patients (about 2.9% of the population). In Ukraine 8000 children with diabetes. The I type of diabetes have 85% of people, type II - have the rest (90%). For the treatment of diabetes 160 000 patients should receive Insulin. Before 2035 the number of patients may increase by 35.5%.

Conclusions: The prevalence of diabetes in the world and in Ukraine over the past 5 years has increased about 25-35%. Actual problem - ensuring the availability of glucose-lowering drugs.