

RESEARCH OF DYNAMICS OF MORTALITY IN STRUCTURE OF CEREBROVASCULAR DISEASES

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Stroke is a major health and social problem, as it is the second leading cause of death and the first - among the disability population in all countries. Stroke has a devastating impact on lives of patients and those who provide care of them, and it is a huge financial burden on health care systems in different countries.

The aim of our study is to analyze mortality from cerebrovascular diseases in Ukraine. The main emphasis is placed on the mortality from vascular cerebral pathology in a general population during five years, according to the State Statistics Committee and the Center for Health Statistics of the Ministry of Health of Ukraine.

Mortality is one of the most important demographic indicators of public health, which characterizes the state of health of the population in terms of spreading the most severe pathology.

It should be noted that the positive typical feature of recent years is a reduction in the absolute number of deaths by 98 289 persons and overall death rates - by 11.4%. The similar trends demonstrate the mortality of the population of Ukraine due to cerebrovascular diseases for the study period. Thus, the number of deaths from cerebrovascular diseases decreased by 6,893 persons, particularly from stroke - by 2,783 persons, including ischemic stroke - 678 persons. This trend is also similar to the mortality due to vascular brain diseases (table 1).

Table 1.

The structure and dynamics of mortality from cerebrovascular diseases of the population of Ukraine

Diseases	Years	Mortality		Diseases	Years	Mortality	
		Absolute number	Per 100 000 population			Absolute number	Per 100 000 population
All cases	2007	762 877	1641,8	All strokes	2007	42 405	91,3
	2011	- 664 588	1454		2011	39 622	86,7
	Δ, %	98 289	- 11.4		Δ, %	- 2 783	- 5.0
Cerebro-vascular diseases	2007	102 503	220,6	Ischemic stroke	2007	21 006	45,3
	2011	95 610	209,2		2011	20 328	44,6
	Δ, %	- 6 893	- 5.2		Δ, %	- 678	- 1.5

Thereby the results of the analysis presented here indicate that a favorable trend in mortality in the structure of cerebrovascular diseases has been observed in Ukraine during last five years.