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THE ANALYSIS OF SUDDEN CARDIAC DEATH CASES AMONG YOUNG PERSONS IN THE DNEPROPETROVSK REGION

The research was conducted as part of research "Medical support of sports, health improving and recovery training" (state registration 0111U001374).

Summary. The purpose of studying is investigation of frequency and structure of the sudden cardiac death reasons among young persons in Dnepropetrovsk region. We had been carried out the retrospective analysis of 1765 of sudden cardiac death cases among persons died at the age from 15 till 45 years during the period with 2002 for 2010. We analyzed somatoscopic and anthropometrical parameters of a body and extremities, a macroscopically picture of bodies, results of histologic and photometric researches of slices of an internal of the died persons. Research has shown that principal causes of sudden cardiac death at young persons are alcoholic cardiomyopathy, a chronic and acute ischemic heart diseases, hypertensive disease, hypertrophic and dilated cardiomyopathy. The predictors of sudden cardiac death were remodeling (a hypertrophy, dilatation of heart cavities), dystrophic and sclerotic changes in a myocardium. This data gives the chance to develop ways of early diagnostics and preventive maintenance of sudden cardiac death.

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