

PATHOGENETICALLY BASED APPROACHES TO PREVENTIVE THERAPY OF CEREBROVASCULAR DISEASE

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Summary. The article presents the clinical and experimental evaluation of the influence of the drug L-arginine (Tivortin) on the process of apoptosis and endothelial function by flow-dependent vasodilation of the brachial artery in patients with cerebrovascular disease in the early stages of the process. A total of 20 patients with early manifestations of chronic cerebrovascular insufficiency. Statistically significant impact Tivortin dose equivalent daily dose of L-arginine 4 grams a day on the index induced apoptosis suggests the cytoprotective properties of the drug. Increasing the dose by half did not have an additional positive effect. Tivortin application of preventive treatment in patients with cardiovascular risk factors and signs of endothelial dysfunction suggests pathogenic focus of its activities.

Keywords: *endothelial dysfunction, spontaneous apoptosis, induced apoptosis, cerebrovascular pathology, pathogenic oriented, preventive treatment.*