

EFFECT OF L-ARGININE ON ENDOTHELIAL FUNCTION IN ELDERLY PATIENTS WITH CHRONIC HEART FAILURE

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Summary. The paper analyzes the results of a study of endothelial function and the level of antibodies against eNOS in elderly patients with heart failure of ischemic origin before and after treatment with L-arginine. Were examined 68 patients with coronary artery disease: stable stenocardia II-III functional class. CH II-A – II-B Art.

Proved that 56 % of elderly patients with chronic heart failure observed abnormal titer autoantibodies to eNOS. The use of L-arginine on the standard therapy of chronic heart failure in the elderly leads to normalization titer of auto-antibodies to eNOS, ANCA, Tr-03, plasminogen, and increases the growth rate of microcirculation during steam reactive hyperemia.

Keywords: *endothelial functionality, autoantibodies, L-arginine, heart failure, stenocardia.*