

# ROLE OF ENDOTHELIAL DYSFUNCTION IN THE COURSE OF CHRONIC HEPATITIS C AND ITS CORRECTION BY PREPARATIONS OF L-ARGININE

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**Summary.** In this work investigated functional parameters of endothelial function in patients with chronic hepatitis C (CHC). Shown that the biochemical and instrumental signs of endothelial dysfunction recorded in the majority of patients with chronic HCV-infection and play a role in the formation and activity of hepatitis and extrahepatic manifestations of disease. In patients with chronic hepatitis C signs of endothelial dysfunction combined with low L-arginine in serum, allowing justify the need pathogenetic correction of the violations. Effective for the correction of endothelial dysfunction in patients with chronic hepatitis C is the use of L-arginine, confirming the reduction of endothelin-1, increasing concentrations of nitrite in serum and recovery rate of reactive hyperemia brachial artery during treatment.

**Keywords:** *chronic hepatitis C, endothelial dysfunction, L-arginine.*