

Efficiency of lipoic acid in treatment of the combined course of chronic pancreatitis and diabetes type 2

Zhuravlyova L., Shekhovtsova Y.

Kharkiv National Medical University

The aim of the present study is to evaluate the effectiveness of lipoic acid in the treatment of patients with combined course of type 2 diabetes mellitus (DM-2) and chronic pancreatitis (CP).

Materials and methods. 82 patients with combined course of DM-2 and CP were examined, with an average age of 53.5 ± 1.4 years, 52 (63%) women. The indicators of the structural and functional state of the pancreas, carbohydrate and lipid metabolism were evaluated in the dynamics of treatment in the examined patients. Patients received standart therapy with the inclusion of α -lipoic acid in dose 600 mg daily. Patients were examined before and 12 weeks after treatment.

Results and discussion. The positive effect of complex therapy on carbohydrate metabolism, indicators of structural and functional state of the pancreas and lipid metabolism, which leads to the correction of metabolic disorders in patients with combined CP and DM-2, have been proven.

Findings. The use of α -lipoic acid in DM-2 with comorbid CP reliably improves the compensation of carbohydrate metabolism, normalizes the lipid metabolism and structural and functional state of the pancreas.