

# **POSSIBILITIES OF EVALUATION OF ENDOGENOUS INTOXICATION IN PATIENTS WITH ACUTE PANCREATITIS DUE TO LEVELS OF C-REACTIVE PROTEIN AND LEUKOCYTE INDEX OF INTOXICATION**

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Acute pancreatitis - acute aseptic inflammation of the pancreas, demarcation type, which is based on morphologic alterations of pankreatocytes and enzyme autoaggression with subsequent necrosis and dystrophy of the gland and joining secondary purulent infection. The main criterion marker of severity of acute pancreatitis and the development of postnecrotic complications is the level of endogenous intoxication. There are a great deal of described means of specific criteria for evaluation of endogenous intoxication. But do not lose their relevance in determining such simple indicators such as C-reactive protein and leukocyte index of intoxication (LII).

The study involved 73 patients aged 37-65 years with acute pancreatitis who were treated at the surgical departments Sumy City Clinical Hospital № 5 and Sumy Regional Hospital in the period from October 1, 2010 to October 1, 2012. Selection of patients for the study was carried out by general clinical indicators are level of diastase in the urine. 22 patients were operated, 51 - held conservative therapy according to the standards of treatment of acute pancreatitis. The analysis of the dynamics of the above indicators shows that: 1) in the course of uncomplicated acute pancreatitis CRP level and tends to LII normalization already on the 3rd day; 2) in the course of complicated pancreatitis the level of parameters is kept still high at the 5<sup>th</sup> day of the disease.

Our results indicate that the dynamic study and CRP levels LII enables high probability in the first 5 days to assess the prospect of disease and predict risk of destruction and septic complications of the disease with subsequent correction of treatment.

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