

SEQUENTIAL ORGAN FAILURE EVALUATION WITH INTRA-ABDOMINAL TRANSMEMBRANE DIALYSIS

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Key words: intoxication

An analysis of the dynamics of intoxication markers, such as: sequential organ failure assessment, leukocyte index of intoxication, C-reactive protein, molecules of average mass. suggest that in the majority of patients of both groups of the disease was accompanied by severe forms of sepsis with signs of sequential organ failure assessment initially and against the background of surgical treatment ($p > 0.05$). In addition, in spite of complex treatment, the phenomena of systemic inflammation and sequential organ failure in most patients in the comparison group progressed or persisted up to the first 5 days after surgery ($p < 0.05$). Unlike the comparison group, in the majority of patients from the observation group in the complex treatment of which transmembrane dialysis was used, there was a steady regression of systemic inflammation events and manifestations of sequential organ failure, starting from the 3rd day of the early postoperative period ($p < 0.05$).

Conclusions:

1. Intraabdominal sorption-transmembrane dialysis in patients with common peritonitis contributes to the acceleration of regression of the inflammatory process in the abdominal cavity, as well as the manifestation of endotoxemia and systemic inflammation.

2. Additional use of intraabdominal sorption-transmembrane dialysis in patients with widespread peritonitis allowed to reduce the frequency of postoperative complications and reduce the mortality rate by 1.7 times. The decrease in absolute risk of lethality in the observation group was 5.6%, and the relative risk reduction was 42.3%, which is related to the reduction of manifestations of intoxication.

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INCREASE OF EFFECTIVENESS OF TREATMENT OF SERVICEMEN WITH PURULENT NECROTIC WOUNDS WITH USAGE OF ULTRASONIC CAVITATION.

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Key words: purulent necrotic wound, ultrasonic cavitation, servicemen.

Despite development of the different branches of surgery, treatment of purulent necrotic wounds is not improved and is still actual problem.