

Apply of hyperbaric oxygen therapy in the treatment of patients with chronic pancreatitis

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Введение

Treatment with oxygen is indicated in many diseases, which are characterized by a violation of peripheral blood supply. The use of hyperbaric oxygen therapy for medical purposes is due to the fact that by physically saturating the body fluids with oxygen, its transport to the cell is significantly increased.

Цель исследования

To study the effectiveness of hyperbaric oxygen therapy for treatment of the patients with chronic pancreatitis.

Материалы и методы

An analysis of 40 case histories of patients with chronic pancreatitis treated in the gastroenterology department of the Minsk Emergency Hospital was made. It was analyzed 29 history cases of chronic pancreatitis patients: in 12 patients the hyperbaric chamber treatment was applied, and 17 patients did not have this method of treatment.

Результаты

The use of hyperbaric oxygen therapy as a treatment method of patients with chronic pancreatitis promotes an increase of oxygen diffusion in cells, the activation of oxidative phosphorylation with an increase in synthesizing macroergs, an increase in toxic products utilization, and the restoration of organ function as a whole has been established.

Выводы

The use of hyperbaric oxygen therapy for the treatment of patients with chronic pancreatitis is a highly effective method of treatment.