

Strangulated Intestinal Obstruction

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[The effect of low-intensity laser radiation on the regional hemodynamics in strangulated intestinal obstruction]

[Article in Russian]

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In the experiment on 214 white rats, the effect of different types of low-intensive laser irradiation and existing methods of treatment on regional hemodynamics in strangulated ileus was studied. Combined use of ultraviolet and helium-neon lasers has to be proved to be the most effective. Ultraviolet laser irradiation contributed to increase in elasticity of the arterial wall and cupping off the vascular spasm, helium-neon irradiation had a stimulating effect on the tissues of the intestinal wall.