

Laser Blood Irradiation and Surgical Stress

The Influence of Laser Blood Photomodification on Dynamic Characteristics of Surgical Stress

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Abstract—Investigation of laser photomodification of blood has shown the possibility to reduce the number of medicaments required for a certain level of patient's anesthesia. The blood laser photomodification alleviates the postoperative stress reactions, what manifests as a significant decay of amplitudes of 11 biochemical blood parameters during the entire postoperative period.