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Abstract

The treatment of microcirculation and peripheral blood circulation in the ozone neurocirculatory dystonia

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Neurocirculatory dystonias with venous hypertension syndrome are considered as intermediate between before-disease (the combination of risk factors of hypertonic disease and atherosclerosis) and formed disease.

Researches in recent years show that use of vasoactive preparations (trental) and low doses of ozone can be pathogenetically important curative factor in prevention and treatment of microcirculation, systemic and organ pathology.

Systemic effects of ozone are accompanied by multidimensional optimization effect in general to a system of circulation. On the one hand, ozone, being one of the most active forms of oxygen, serves as a catalyst for enzyme dependent on oxygen reactions. This is the basic foundation for enhancing myocardial metabolism, producing energy substrates and productivity improvement of heart. On the other hand, ozone, being the oxidizer, comes in many primary reactions with organic substrates encouraging the production and release of de novo high biological substrates that actively influence the state of peripheral blood flow and microcirculation. This set of therapeutic properties of ozone allows to form, with functional disorders of the circulatory system, conditions for rehabilitation.