

## The use of ozone in combination with multiresonance therapy

L.O. Kolupaeva, O. I. Eliseeva

(LLC "Eliseeva Methodological Center", Moscow, Russia)

Treatment of severe long-term chronic diseases by the method of multiresonance and bioresonance therapy improves the state of the human body. But the treatment has to be carried out for a long time and in combination with drug treatment. Therefore, to shorten the time of treatment and reduce the amount of medicines, we used ozone therapy. Ozone therapy was carried out by us as an adjunct treatment to multiresonant BRT and body cleansing.

Ozone therapy, as a method of treatment, has deservedly won its place in various pathologies. It is widely used in the treatment of internal, surgical, gynecological, neurological and other diseases. Ozone is a natural component of the atmosphere. Life on Earth is impossible without ozone. Ozone is one of the most active oxidants that instantly reacts with substances to release oxygen. This explains the disinfecting effect of ozone. Ozone is characterized by bactericidal, antiviral and fungicidal effects. The disinfecting characteristics of ozone in the aquatic environment find practical application in medicine. At

destruction parasitic cells ozone happens oxidation  
sulfohydryl groups.

High concentrations ozone have a disinfectant effect.

Low concentrations - have a granulating effect on tissue.

In the blood, ozone reacts mainly with unsaturated fatty acids, while it destroys the existing double bond between carbon atoms, forming a reactive peroxide. The bulk of the reactions are localized on the cell membrane, since its structure mostly consists of phospholipids. The procedures of systemic ozone-oxygen therapy have a positive effect on the processes of micro-hemocirculation of the skin and on the rheological properties of the blood, and improves the oxygen supply of tissues.

In our center, complex treatment was carried out: multiresonant therapy, purification and ozone therapy in the form of intravenous drips and parenteral to 150 patients.

The indications for the use of ozone therapy in patients with associated diseases were as follows:

- peripheral circulatory disorders - 20 people;
- coronary sclerosis - 90 people;
- ulcerative colitis - 12 people;
- chronic gastric ulcer - 10 people;
- chronic gastritis - 87 people;
- chronic pancreatitis - 36 people;
- rehabilitation therapy after myocardial infarction - 7 people;
- lipid metabolism disorders - 72 people;
- chronic liver diseases (rehabilitation after an infectious hepatitis) - 37 people;
- diabetes mellitus - 15 people;

- kidney stone disease - 23 people;
- migraine - 27 people;
- chronic polyarthritis, ankylosing spondylitis - 5 people;
- vegetative-vascular dystonia (VVD) - 60 people;
- hypertension - 90 people;
- allergic diseases - 42 people;
- obstructive bronchitis - 37 people.

Effective treatment of arterial hypertension remains one of the most important problems in the clinic of internal diseases. The use of a complex method of treatment for arterial hypertension is a qualitatively new approach to solving this problem. Already after 5–7 days of treatment, the patients had decreased headaches, decreased blood pressure, noise in the head, pain in the region of the heart.

In 37 cases, the complex method was used for chronic pulmonary pathology, especially in patients with obstructive lesions and the presence of respiratory failure. Improvement of the oxygen transport function of blood with parenteral administration of an ozone-oxygen mixture is accompanied by an improvement in the return of oxygen to tissues by erythrocytes, positive shifts in microcirculation, and a reduction in hypoxemia and tissue hypoxia. Ozone therapy against the background of BRT accelerates the normalization of the body's anti-infectious response to a viral-bacterial infection. The complex method contributes to suppression of the inflammatory process. In the course of treatment, we carried out blood tests and found:

1. Under the influence of ozone, the erythrocyte is better formed.
2. There is no effect of the formation of "coin columns" during agglutination and adhesion of erythrocytes.
3. After the application of ozone, the blood viscosity improves.
4. Ozone therapy reduces the content of lipid fractions in the blood, its action is especially effective in atherosclerosis, nephrosis, hepatopathies, diabetes mellitus, chronic pancreatitis.
5. The use of ozone helps to reduce the content of free fatty acids, cholesterol in serum, and normalizes fibrinolytic activity.

In diabetes mellitus, we have used two ozone therapy capabilities. The first is the activation of blood circulation and the effect on microangiopathies, the second is a decrease in blood sugar, which makes it possible to reduce the dosage of antidiabetic drugs. Ozone reduces elevated levels urea and creatinine, i.e. ozone stimulates the flow to the blood to the affected body and activates detoxification processes.

Treatment of gastrointestinal diseases with ozone was carried out mainly in the form of intravenous infusions of 200 ml of ozonized physiological solution (ozone concentration at the outlet of the apparatus is 1000–1200 µg / l) and intake of ozonized water inside (ozone concentration at the outlet of the apparatus is 5000 µg / l).

Obliterating atherosclerosis of the vessels of the lower extremities remains one of the most common and difficult diseases to treat.

Drug therapy is not always effective; a more stable effect is obtained with the combined use of ozone, BRT and body cleansing. In patients treated with a complex method, the condition significantly improved in a short time with long-term remission.

All 150 patients treated with the complex method noted a significant improvement in their general condition within 10 days. BRT, clinical examination methods stated pronounced positive results of treatment.

Conclusions: multiresonance therapy, in combination with ozone therapy, cleansing the body, gives a significant reduction in the duration of treatment for severe long-term chronic diseases.

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