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Preliminary results of the use of resonance wave therapy, UHF, "Aquatone" in the treatment of eczema, which was carried out in the clinic for Dermatology and venereal diseases, where unit used in wave Aquatone resonance therapy, UHF in professional purposes. The study included 42 patients with eczema, acute-genuine stage. The average age of the patients was 41.5 + 2.5 years.

The physiotherapy treatment lasted for 12 days. The physiotherapy projection was directed toward the lesion through the thin layer of tissue. The treatment was performed once a day, which lasted 15 minutes at position 3. During the treatment the patient is low down and experienced in general no subjective sensations.

The control group consisted of 30 patients for whom treatment was carried out in a conventional manner with standard dosages and regimens of drugs, and without the use of other techniques for physical therapy.

During the treatment of patients with complex therapy with an Aquatone unit, noted more clearly than in the comparison group, a clear reduction in clinical symptoms of eczematous process in terms of reducing the intensity of the itching, the regression of erythema, resolution of papules, which also was confirmed by statistically significant reduction of the absolute index values, EASI.

The results of the study suggest that use of the Aquatone device in the treatment of dermatoses improve the duration of remission. This fact is very important because traditional medical therapy results in most cases, no prolonged therapeutic effects.

It should be noted that in acute stage of eczema, the guidelines according to RODV 2010, is to use the antihistamine, detoxifying substances and pronounced inflammation given systemic glucocorticoids by injection or in tablet form. The pathological process in the skin of the lower limbs have often visible swellings. In such cases diuretics are usually used in the treatment process. Patients diagnosed with true eczema are subjects to itching and burning

sensation in the affected skin, which often leads to insomnia. Drug treatment in this case should include drugs that affect the central nervous system (tranquillizers). The Aquatone device can reduce medical dosage during treatment by 30-40%, or in some cases completely abandon hormonal drugs, diuretics, because Aqua Tone show clear anti-inflammatory effects.

Resonance wave therapy, UHF, is proven to be very effective and safe in the treatment of eczema. The application of the treatment method in physical therapy, not only contributes to achieving clinical progress in regression of skin lesions and significant improvements in quality of life, but also reduce the medical burden on the body. According to the results of the tests at the clinic for skin and venereal diseases, SGMU, we can conclude that Aquatone unit has clear anti-inflammatory effects. It is possible to use the device as a standalone treatment for physical therapy to treat chronic dermatosis.

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