

**RUSSIAN ACADEMY OF  
MEDICAL AND SOCIAL REHABILITATION**

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Tests of the UHF device for resonance wave therapy, Aquatone, was performed at NPO FTO, Zhukovsky municipal clinical hospital and medical center for diagnosis and treatment.

For the tests, 1 piece Aquatone was granted, UHF device from Telemark in order to be used for professional evaluation of resonance wave therapy.

The study was carried out in accordance with the recommendations by the company Telemak.

According to the results of preliminary testing of patients with various diseases in 2013, it was concluded that the positive therapeutic effects of persistent symptoms of acute respiratory infections, chronic nasopharyngitis, hypertension and osteochondrosis with complications in different parts of the spine.

High analgesic effects occurred at dorsal pathology, including (shoulder, spine, lumbosacral, lumbar), contracture, cervical, lumbago and dorsalgia.

Already after 2-3 treatments significantly reduced the need of drug therapy, primarily through reduced consumption of analgesic drugs, NSAIDs, antiaggregants, Sirdalud and other types of drugs.

The technology shows positive effects on articular syndrome of different character. With attention to the fact that the device can not only be used in combination with conventional physical therapy, but also that it can be used with good results as monotherapy.

With these observations, the staff saw the possibilities for the Aquatone device to be used by patients in the comfort of their homes.

Good results were noted in the treatment of acute prostatitis, cephalgia and myalgia.

In 2014, 200 patients were treated with the Aquatone device. It was used in treatment of patients with various chronic diseases. Virtually all patients showed significant improvement.

The most effective treatment regimen for elderly patients with acute symptomatic DOA: deforming osteoarthritis, katros, gonarthrosis. Treatments were carried out 2 times a day for 15 minutes with 8-15 sessions.

Average number of treatments was 3 to 6 sessions. Patients experienced reduced pain, stiffness and swelling in the joints.

It is worth pointing out that the Aqua Tone unit is effective as monotherapy and in combination with electromagnetic pulse therapy, which has been the case in the treatment of elderly patients.

Most patients who have completed 6 months of preventive treatment with this device, clearly shows a stable remission. No deterioration and no side effects were noted in patients.

When comparing clinical total points (the degree of pain, pain on palpation, swelling), and other factors before treatment and after treatment, showed the technology obvious effects in the treatment of patients with articular pathology.

We believe that the device for resonance wave therapy, Aquatone is well integrated and highly efficient, with analgesic, anti-inflammatory, decongestant and other therapeutic effects.

When tests of the device as a medical equipment unit was completed, the results showed that the device can be recommended for wide use in physical therapy, at clinics, health centres and for the rehabilitation of common diseases.

The Aquatone unit can be used as mono treatment, but also in combination with traditional physical therapy to speed up rehabilitation.

It is important to emphasise the potential of Aquatone unit, which makes it possible to develop individual rehabilitation programme for each individual patient, with the articular pathology with regard to disease, level of disease activity, functional ability and contra-indications for functional use of the device.

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