

The Health Ministry, Saratov region, Russia

The Public Health- and Healthcare Institution "Saratov Public Clinical Hospital No. 10"
(GUZ "SGKB № 10")

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Results of use of the UHF device Aquatone and its resonance therapy at GUZ, the Saratov public clinical hospital No. 10, during the period 2012-10 – 2015-11.

At present, 6 Aquatone devices for professional care are in use in the rehabilitation wards at GUZ, the Saratov public clinical hospital No. 10. During the period 2012-10 – 2015-11 more than 3000 patients were treated with the device, amongst them 500 patients with pneumonia of various aetiology. The treatments were conducted together with pharmaceutical therapy of applicable standards and with physical exercise. Other methods of physiotherapy were not applied for this group of patients. Treatments with the Aquatone device were conducted twice a day, therapy sessions lasted 10 minutes, mode 2 and mode 3 were used according to schedule.

Before this, the extensive treatment procedure included pharmaceutical therapy of applicable standards together with magnet therapy, laser therapy, electrophores, ultrasound inhalation, the drugs "Ambrobene" and "Phenoterol" as well as application of physiotherapeutic methods.

The Aquatone device has proven to have very effective anti-inflammatory characteristics. When using Aquatone, the respiratory organs' drainage function improved, recovery time was shortened, relapses became absent and patients did not need further public care. When using conventional methods, relapses are frequent, the healing process is delayed and patients return for additional public care, which prolongs sick leave. Using Aquatone for treating patients who also suffered from arterial hypertension, resulted in normalization of blood pressure in almost all of these patients.

Additionally, more than 1500 patients with arterial hypertension, both primary and secondary, were treated at the therapeutic ward. When treating with Aquatone in the complex treatment of arterial hypertension, the need for magnet therapy and galvanizing of the cervical area disappeared, which may have contraindications (pathology in breast glands etc.).

Comparing Aquatone with standard procedures, shows that Aquatone reduces blood pressure quicker and the patient's general condition is normalized and improved.

More than 1000 patients with cerebrovascular disease of various degree have been treated with Aquatone devices. As a result, headache and vertigo diminished quickly and blood pressure was normalized - almost completely without complications or side effects.

At the rehabilitation wards No. 1 and No. 3 at GUZ, the Saratov public clinical hospital No.

10, more than 1200 stroke patients were treated.

Five patients between the age of 69 and 73 were treated in the early recovery period after stroke. In these cases, due to the patients' serious conditions, the use of other physiotherapeutic methods were ruled out (such as magnet therapy etc.). Neither was physiotherapeutic methods such as massage and physiotherapy possible due to the patients' serious condition and due to complications in the cardiovascular system. Aquatone was used from day on at the rehabilitation ward. The use of Aquatone caused no complications, although the patients were in intensive care. The devices were used twice a day for 10 minutes a time during the entire hospitalization. During the treatment process, the cardiovascular system was improved, the lungs' drainage function was improved, movement disorders were reduced and after 2-3 months, speech and cognitive functions were almost completely restored.

One of the patients, a 69-year old woman, who before being treated with Aquatone, had been treated for 2, 5 months in intensive care at another medical facility without visible results. After treating her with the Aquatone device for a month, her speech started to recover and after 1,5 years (?) her consciousness and speech was almost completely restored and her motor functions were radically improved.

Therapy with Aquatone devices has proven to have calming effects and no negative effects or side effects have been noted with over use, which means that the number of treatments can be increased in order to achieve required positive results (max 15 rounds). Positive results or dynamics have been achieved in all cases of using Aquatone. After 3 months, no patients have returned for repeat treatment.

Using the Aquatone device has not subjected the personell at the physiotherapeutic ward to any dangers, the device is practical and easy to use and has its own power supply. The device has proven indispensable in caring for bedridden patients at the ward, at intensive care units and for patients in post-surgery periods with various degrees of difficulties.

Aquatone devices can be used continuously and during unlimited time. Additionally, they are compatible with other physiotherapeutic devices and improve other devices' effects.

Aquatone devices are easy to use in public care units. Exposure takes place through a disposable cloth or through the patient's clothing. During treatment, no worsening of the underlying disease or complications in the cardiovascular system occur.

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