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These are the results of using the device Aquatone for UHF resonance wave therapy at the State Department of Health and Healthcare Saratov City Clinical Hospital No 10 during the period October 2012 to March 2016.

Six units of Aquatone devices were used for professional application at the rehabilitation departments of the State Department of Health and Healthcare Saratov City clinical hospital No 10.

More than 3,000 patients were treated during the period October 2012 to March 2016. The treatments included over 600 patients with pneumonia of various etiologies.

The treatments were performed in conjunction with drug treatment according to existing standards and physical exercise therapy.

Other physiotherapeutic methods were not used for this patient group.

Treatment with the Aquatone units was performed twice a day, the therapeutic sessions lasted for 10 minutes using Level 2 and Mode 3 according to the manual.

Before this, the treatment included routine drug treatment in combination with magnetic therapy, laser therapy, electrophoresis, ultra sound inhalation with drugs such as Ambrobene and Beredual and exercises methods.

The Aquatone unit proved to be a very effective anti-inflammatory agent. It improved the drainage function of the bronchopulmonary system, recovery time was reduced, no relapses, patients needing no further outpatient treatment. At traditional treatment, relapses were often noted, the healing process delayed and patients were in need of outpatient treatments, which prolonged the sick leave period.

When using the Aquatone units, a normalization of blood pressure was observed in patients with simultaneous arterial hypertension.

Between January 19 to March 23, 2016, 132 patients were treated for, in particular, pneumonia after influenza, 83 of them with the swine flu virus

H1N1 09 PIG as confirmed by PCR, which had a complication of polysegmental pneumonia.

In all cases, the Aquatone unit was used in combination with standard medical therapy and breathing exercises. Aquatone was used once per day for 20 minutes. Applied area was at the tip of the lungs with Level 2 Mode 1, 10 minutes per lung.

Laser therapy and magnetic therapy were not used due to the deterioration of the condition when treating polysegmental pneumonia with these methods and due to the presence of contraindications in the form of fever and concomitant diseases, especially for the elderly, which accounted for a significant proportion of patients with complications after the H1N1 09 Swine flu.

The Aquatone units were used directly in the department, where 60 patients were treated on a daily basis.

When using this treatment protocol, the inflammatory process was resolved within 5 - 8 days, no relapse was observed, nor any deaths.

It's worth mentioning that in the Aquatone treatment of post-influenza pneumonia, there were no symptoms of pulmonary edema, not even in those with severe illness.

More than 1,500 patients in the therapeutic department with arterial hypertension, both primary and secondary, were also treated.

When using the Aquatone units at complex treatment of arterial hypertension, there was no need to use galvanizing of cervical collar, which has a number of contraindications (the pathology of the mammary glands etc.) and magnetic therapy.

Compared to the existing standard protocols, when using the Aquatone units, blood pressure level drops faster, the general condition is normalized and patients feel better.

With the aid of Aquatone units, more than 1000 patients with cerebrovascular disease in different degrees were also treated.

During this treatment, headaches and dizziness quickly decreased, normalization of blood pressure occurred with almost complete absence of complications and negative effects.

More than 1,200 patients have also been treated after stroke on physiotherapy departments No 1 and No 3 at the State Department of Health and Healthcare at Saratov City Clinical Hospital No 10.

Early in the recovery period after stroke, 5 patients were treated between the age of 69 and 73.

The use of other physiotherapeutic methods (magnetic therapy etc.) were in these cases impossible due to the difficulty of patients' condition. Massage and exercise therapy was also not possible to apply due to the severity of patients' condition and complications of the cardiovascular system.

The Aquatone units were used immediately upon enrollment in the hospital's rehabilitation departments.

The use of the Aquatone units lead to no complications although the patients were intensive care.

Throughout the hospital stay, the units were used twice a day for 10 minutes. During the treatments, the indicators for the cardiovascular system and the drainage function of the lungs improved and motor disturbances decreased. After 2 -3 months, speech and cognitive functions were almost completely restored.

One of the patients, a woman of 69 years, who prior to the Aquatone treatment was in intensive care for 2,5 months without visible improvements and at a stroke-care unit at another medical institution. After one month of using the Aquatone, her speech returned. After 1,5 years, her speech and cognitive functions were almost completely restored and her motor functions radically improved.

The Aquatone treatments have a clear calming effect on patients, no over dosage effects found or other negative side effects. That is why the number of treatments can be increased if needed (No of treatments were 15 rounds). Positive results or dynamics were achieved with the Aquatone treatments in all patients. Within 3 months, not one patient returned for additional treatment.

The Aquatone units are harmless to use for personnel at physiotherapy departments, is comfortable and easy to use, and are equipped with an autonomous power supply system.

Aquatone units have proven to be indispensable for working on bed-ridden patients, in intensive care units and for treating patients in the postoperative period of varying difficulty.

The Aquatone units are operative for an unlimited time. In addition, they are compatible with other physiotherapeutic devices and do not affect the functionality of these.

The Aquatone units are easy to use on a daily basis in hospitals. The Aquatones can be placed directly on the patients clothing or with a tissue inbetween.

During treatment, no deterioration of any underlying disease or complications

in the cardiovascular system were noted.

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