## "Electrobroom" A.V. Shornikov, E.N. Shornikova (LLC "KITTInteriorS", Moscow, Russia)

From the course of school physics, we all know that when an object moves in a magnetic field, electricity appears in it, and, therefore, when we wave a hand in which a relatively long object is located, we excite an electric current in this object, the strength and direction of which depend from your location relative to the Earth's magnetic lines of force.

And if we gently "tap" a person with such an object, then we will stimulate his skin not only by mechanical action, but also by super-weak electrical discharges. Let's remember the bathhouse and the wet broom in the steam room. Humidity all the more increases the conductivity, and different types of trees - linden, birch, aspen, eucalyptus - give us different frequency characteristics, each with its own effect.

After analyzing this situation, we came to the idea of creating a device that could perform these functions, but already under human control.

For this, we used approximately 100 relatively thin and specially processed metal rods, each 30 cm long, which we connected to our MINI-EXPERT-DT device. The patient held the passive electrode in one hand, and the active electrode was connected to the "electric broom" device (see Fig. 1).



Rice. one.The device "electric broom" (EV), the first prototype, external view.

Our first experiments were aimed at reducing cellulite in a middle aged patient, and therefore we selected appropriate fat burning frequencies. The intensity chosen for the work was 50 units.

Turning on the device, we "tapped" the patient hard enough on problem areas. At the first blows, the woman did not feel the discharges of electric current, since her skin had a very high electrical resistance, but later, as a result of the blows, the subcutaneous fat breaks, the blood goes to the epidermis, resistance falls, and the person begins to feel electrical discharges.

The participants of the experiment noted that as a result of exposure to EV, the general tone increases and subcutaneous metabolic processes are activated, which leads to a rejuvenating effect, which many are trying to achieve with expensive cosmetics and regular visits to fitness clubs.

In addition, it was noted that a certain set of frequencies quickly relieves muscle tension, for example, after driving a car, and the unpleasant sensations of radiculitis are almost completely eliminated.

And since in the zones treated with EV the blood supply improves and biologically active points are activated, it can be recommended to use it before starting the appropriate therapy.

The "electric broom" device is now at the stage of industrial design and we hope that its production will begin soon enough.

So far, we can give the opinions of the participants in the experiment:

1.N., a doctor, believes that the hymeremia of the skin caused by EV allows you to actively remove excess intercellular fluid, enhances intercellular metabolism, as a result of which, with regular use of the device, stagnation disappears and blood flow improves, which leads to the normalization of cell metabolism, skin color, and the disappearance of skin irregularities.

2.T., an accountant, used EV to relieve leg pain after driving cars. The corresponding frequencies were selected. During the first minutes of "tapping" the pain disappeared, the tone and mood increased, and then the traditional treatment was carried out on the device "MINI-EXPERT-DT". Believes that EV helped her cope with injuries sustained in connection with driving a vehicle.

3.K., Editor, used EV as a tool to improve overall tone, since by the nature of his activity he is forced to spend a lot of time at the computer, without much motor activity. He also noted that after short sessions with EV, local muscle tension is relieved and pleasant sensations arise as after active walking.

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