

Treatment of patients with diseases and traumatic injuries  
knee joint induction magnetotherapy

Yakunina L.N., Cherempey O.V., Melnik E.M.

(Department of Traumatology, Orthopedics and Military Field Surgery, State University of Medicine and Pharmacy "N. Testemitanu", Chisinau, Moldova)

In the last years celebrated an increase in the incidence, especially cancer and tuberculosis, depending on the ecological environment. fortunes Introduction of the concept of "clinical and ecological syndrome" suggests that the influence of the etiological factor cannot be determined in the human body by traditional methods. This problem can be solved today by the method of bioresonance frequency diagnostics, which allows not only to establish the burden of environmental factors, but also to determine their type, body systems exposed to them.

Doctors can search for a cause and effect of a disease that has connections arisen. Nowadays more and more attention doctors Orthopedic and traumatologists are attracted by the diagnosis and treatment of diseases and traumatic injuries of the knee joint. The pathological condition is a diffuse form of traumatic degeneration and inflammation of the joint capsule and para-articular tissues. The preferred location corresponds to the anatomical formations that carry the greatest load (knee joint). Often, their development occurs after injuries in persons of physical labor and athletes experiencing static-dynamic loads on certain muscle groups, subject to frequent concussion and performing the same type of movement in the joints of the limbs.

Symptoms come to light suddenly, more often in patients over 40 years old, among them a large percentage are women. Pain occurs in various ways, not limited to the area of the knee joint.

Patients avoid movements in the knee joint, muscle tension. In severe cases, extensive adhesions of all para-articular tissues lead to joint immobility. In the clinics of the Department of Orthopedics, Traumatology and Military Field Surgery in 2004, 68 patients with diseases and injuries knee joint. Sick examined clinically, radiographically, was carried out Ultrasound, in a number of cases was carried out endoscopic (arthroscopic) examination

The treatment was approached individually, combining complex therapy: induction magnetotherapy with active exercises, massage, hydrotherapy. The duration of a single exposure is 20 minutes, but in case of acute pain sensations, the session can be doubled. The course of treatment is 10-15 procedures. If necessary, a second course of treatment is prescribed after 2-3 months. As a result of the treatment, an analgesic, vasodilating effect was obtained, the trophism of tissues in the area of the knee joint improved.

Reducing the treatment time can be achieved by introducing new methods aimed at optimizing metabolic processes in organs and tissues in the early recovery period. An electromagnetic field of a certain frequency acts on the organs and returns it to normal operation. Energy increases due to resonance in the organ, which gives

the body's ability to fight the disease. Thus, we do not force the body to do what it cannot do as a result of an illness, but helps it to recover. The electromagnetic field stimulates well the capillary circulatory system, restores immunity, reduces tension, and increases efficiency.

Treatment is carried out gradually, the regimes are set using a computer program. Currently, the treatment of gonarthrosis in 15 patients performed by the BRT method. Achieved stimulation of reparative processes, prevention of development degenerative-functional disorders and inflammatory processes at the tendon – bone junction. This the direction is new and quite progressive.

Good results of treatment of patients with diseases and traumatic injuries of the knee joint with induction magnetotherapy were obtained in 95% of cases. The method is well tolerated by patients, atraumatic, does not give complications, has a narrow range of contraindications and can be recommended for widespread use in the clinic.

---

Yakunina L.N., Cherempey O.V., Melnik E.M. Treatment of patients with diseases and traumatic injuries of the knee joint by induction magnetotherapy // XI