

Treatment of humeral scapular peri-arthritis with induction magnetotherapy
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The growth of multiple and concomitant injuries of the musculoskeletal system makes orthopedic traumatologists pay special attention to a number of urgent problems arising from injuries of the cervical spine (fractures, fracture-dislocations) and inflammatory processes in the suprascapular region, the capsule of the shoulder joint and in the para-articular tissues (humeral peri-arthritis). For the diagnosis and treatment of peri-arthritis, it is necessary to understand the degree of the pathological condition, which is a diffuse form of traumatic degeneration and inflammation of the articular capsule and para-articular tissues.

In the clinic of vertebral pathology of the Department of Orthopedics of Traumatology and Military Field Surgery of the KSUMF, 40 patients with peri-arthritis were observed. The symptoms of the disease were detected suddenly in patients, more often they appeared over the age of 40, among them there were mostly women. The pains were diffuse, the soreness was not limited to the shoulder area. Patients avoided shoulder movement and muscle tension. Abductions and external rotation of the shoulder were limited.

Restrictions of movement due to muscle tension can translate into restriction due to the formation of adhesions. In severe cases, extensive adhesions of all para-articular tissues lead to joint immobility.

The patients were examined clinically and radiographically. The treatment was approached individually: by combining induction magnetic therapy with active exercises, massage, hydrotherapy. Duration of a single the effect of induction magnetotherapy did not exceed 20 minutes, but with acute pain sensations it could double. The course of treatment was 10-15 procedures. If necessary, the course can be prescribed in 2-3 months. As a result of the treatment received analgesic, vasodilating effect, improved trophism of tissues in the region of the shoulder joint. A positive result of the treatment of the shoulder-scapular arthritis induction magnetotherapy was obtained in 95% of cases.

Induction magnetotherapy is well tolerated by patients and maybe be recommended for widespread use in the clinic in the treatment of patients with this pathology.