

The practicalities of the application of the complex enthesopathy theory in orthopaedics

Author:

Viktor Vyacheslavovich Titov, Andrew Litvinenko

Institutions:

SportMedService LLC, 119048, Russia, Moscow, Luzhniki, 24, str. 9, Vrachebno-sportivnii center "Luzhniki", office 311

Device and producing company:

Swiss DolorClast, EMS, Switzerland.

Introduction:

The effectiveness of extracorporeal shock-wave therapy for treatment of musculoskeletal system diseases is recognized worldwide. As is well known, the effectiveness of SWT treatment methods average 80%, however the algorithm of treatment which we use allows us to attain positive results in 96-98% of cases.

Methods:

Our research was conducted with the Swiss DolorClast (Classic). We began our procedures with the necessary diagnostics, including only exploratory, USI or R-graphical research, but also the using the device on a feed-back principle.

Results:

It is known that the causes of chronic diseases of the musculoskeletal system connected with the bands overpressure are the changes in the form of calcinosis and fibrosis.

Moreover the same changes are certainly present in the "contiguous" bands of that anatomical area also. In this way the algescic impulse will be associated with such a band in which these changes are more expressed. Therefore, for every chronic disease of the musculoskeletal system there needs to be an examination of the complex of ligaments, tendons and myogeloses.

Discussion:

In our practice we use the term "Complex enthesopathy" to refer to all ligamentoses, tendinoses and myogeloses of one anatomical area (complex enthesopathy of the 1st order) or of some contiguous anatomical areas (complex enthesopathy of the 2nd order). Consequently, when diagnosing and treating a disease, it is necessary to pay attention to the condition of the entire ligamentous apparatus of that area, not only to the "painful" band.

Conclusion:

Our new approach to the diagnosis and treatment of musculoskeletal system diseases allows us to attain good and excellent results in 96-98% of cases.