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**“Our experiences with the new STORZ MEDICAL  
V-ACTOR handpiece”**

We are using the Masterpuls MP200 with the new V-Actor „Vibration therapy“ handpiece since November 2007 and treated until end of March, 2008, 25 athletes with various diseases in 126 sessions. The majority were athletes with muscle-, tendon or soft tissue trouble.

Within the first couple of days we varied pressure level and frequencies during the treatments in order to find the best effectiveness. The finally determined pressure level ranged from 2,4 and 3,4 bar. At less than 2,4 bar we saw no effects and above 3,4 bar the patients felt more a kind of very superficial vibration only. We experienced the possibility of the variation of the application pressure during the treatment, applied by the physiotherapist to the V-Actor handpiece, as additional important feature.

We decided to choose the frequency 30 or 35 Hz according to patients best acceptance. The number of impulses per treatment session ranged from 5000 and 10000, according to size of treatment area..

**Final V-ACTOR handpiece evaluation:**

We only treated muscle structures which were surrounding tendons, but never treated tendons directly. Patients with patella-tip syndrome, epicondyl.hum.radialis, achillodynia, Fasciitis plantaris, adductors pain, calf muscle and thigh muscle pain. We saw very good results in the treatment of epicondylitis- and plantar tendon patients already after 1-2 treatments.

Treatments of big muscle areas like in the back also showed very positive results. Patients with patella-tip syndrome were treated at m. quadriceps and the patella basis. We experienced with all our treated athletes considerable improvements of the pain symptomatic.

The results with the V-Actor „Vibration Therapy“ handpiece are such promising that we incorporate this new treatment possibility more and more in our daily work with patients. We as therapists as well as the athletes have well accepted this new form of treatment and won't miss it any more.

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