



### **1. What is it?**

A non-invasive treatment solution using high-intensity sound waves (acoustic pulses) that interact with the tissues of the body.

### **2. What does it do?**

It non-invasively stimulates the natural self-healing process of the body by temporarily increasing local blood circulation and relieving minor muscle aches and pains, raising the pain threshold - no anesthesia or drugs required!

### **3. What are its benefits and effects?**

Relaxation of muscle and connective tissue, helps with removal of adhesions, better microcirculation, stimulation and acceleration of metabolic activity, better quality neurovascular performance, increased serotonin hormone release, stress reduction through lower cortisol level, revitalization.

### **4. Is it similar to ultrasound?**

Ultrasound has a continuous wave with a frequency range of 0.75–3 MHz used to provide deep healing to soft tissues in the body. A sound wave (acoustic pulse) is a very short single pulse with a high amplitude and negative tension.

### **5. How does it differ from laser?**

Laser therapy is a treatment using intense beams of light. A sound wave (acoustic pulse) is a pressure wave similar in nature to thunder and lightning or an airplane breaking the sound barrier.

### **6. What can it treat?**

Acute and chronic painful soft tissue lesions of the musculoskeletal system such as trigger points in muscles, as well as painful shoulder, back, heel, knee or elbow areas.

### **7. Where should it not be used?**

Treatment should not be applied in the following cases: Coagulation disorders (hemophilia), use of anticoagulants, especially Marcumar, Thrombosis, tumor diseases, carcinoma patients, pregnancy, children in growth (growth plates), cortisone therapy up to 6 weeks before first treatment. Generally speaking, it should not be applied to target areas located above air-filled tissue (lungs), large nerves, vessels, the spinal column or head.

**8. What are its side effects?**

There are no major side effects. Occasionally some swelling, reddening, hematomas, petechiae, localized increased pain, skin lesions in cases of previous cortisone therapy. Side effects generally abate after 2 to 5 days. Ensure they have disappeared before starting the next therapy session.

**9. When will you see results?**

Most patients will feel better right after their treatment including reduction in pain and increased mobility. This will generally last 5-8 days and the discomfort will slightly return before the time for the next treatment. Patients will slowly become free of discomfort. Then, over the next two to three weeks, actual healing may take place.

**10. How long does the treatment last?**

Generally 1500-3000 impulses are administered per treatment session, which lasts approximately 5-10 minutes.

**11. What is the Treatment Protocol?**

The precise treatment protocol depends on the diagnosis of each individual patient. Treatment varies in the number of impulses administered and the intensity of those impulses. Most conditions are treated a total of 3 to 5 sessions spaced at weekly intervals. Occasionally, additional treatments will be required in more severe injuries. The treatments are easily performed on an outpatient basis and without sedation.

**12. Which transmitter tip do I use for which areas?**

The C15 CERAMAX is used for tendons, ligaments, bone, joints, and very painful, tense small defined areas close to bone. The large D20 & D35 D-ACTOR is used for trigger point therapy of muscles and connective tissue areas.

**13. How do I get paid?**

Most healthcare providers get paid on a CASH basis to generate additional revenue. There are some CPT codes that can be used for insurance patients.

**14. Does it work for every case?**

Client feedback reports a success rate of above 75%. However, there is no treatment that is successful in every case.