

EPAT EXTRACORPOREAL PULSE ACTIVATION THERAPY

Movement Without Pain



QUESTIONS AND ANSWERS

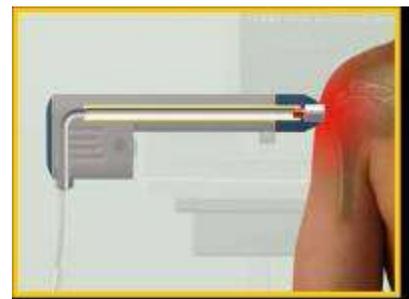
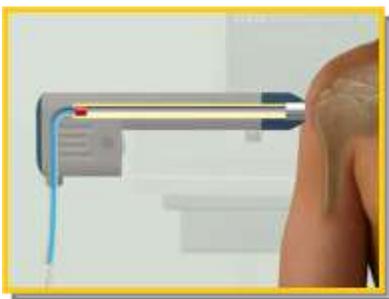
What is EPAT therapy?

This type of sound wave was first used in medicine to break apart kidney stones and have them pass in the urine without an operation. Since the mid 1990s the sound waves were applied to different musculoskeletal conditions such as tennis elbow, calcified shoulder, heel spurs and others and were able to obtain unbelievable results in reducing pain and restoring range of motion.

How does this treatment work?

A powerful compressor causes a projectile to be propelled down the barrel of the applicator. It then strikes an end plate producing a sound wave similar to an earthquake or a sonic boom from a jet. This wave then passes into the body and helps to:

- Reduce Pain
- Increase circulation and metabolism
- Begin to break up calcium deposits
- Encourage new blood vessel growth
- Discourage bacterial effect
- Break up hardened or sclerotic deposits



What conditions benefit from this treatment?

- ✓ **Low Back Pain**
- ✓ **Neck and Shoulder Pain**
- ✓ **Tensed-up muscles**
- ✓ **Pain from injured tendons or joints**
- ✓ **Tension Headaches**
- ✓ **Chronic Myofascial Pain**
- ✓ **A wide variety of sport and athletic injuries**



Does it help arthritis?

EPAT with the D-Actor Method has shown to be particularly beneficial in the treatment of **osteoarthritis**. This is because the well-targeted stimulation of local and distal points in the presence of contracted or spastic muscles and tendon structures provides an almost instant alleviation of pain. The pulse activation therapy helps improve the blood flow in the treated region and the metabolism is improved to help promote healing.

What are the contraindications?

- * Bleeding disorders or use of anticoagulants
- * Tumors or Cancer
- * Pregnancy
- * Acute Inflammations
- * Thrombosis

Are there any side effects?

The doctor is able to control the intensity of the treatment and always works with the tolerance of the patient. The patient actively communicates the area of tenderness and if that tenderness is reducing as is expected. There may be occasionally:

- Redness of treatment area
- Mild bruising
- Slight swelling of treatment area
- Mild change in pain to treatment area
- Most patients do not experience any ill effect

Is this treatment FDA cleared and will insurance pay?

Yes, the D-Actor 100 is a class 1 product according to FDA classification ISA/890.5660 "Therapeutic Massager" listed under the No. E233807. If your insurance pays for physiotherapy it would be a covered item. It is recommended that nothing is taken for granted and each insurance carrier should be verified before treatment is commenced.

For what conditions have studies been conducted?

This treatment has been available in Europe for at least twenty years and most of the studies were performed there. There has been a considerable interest in sports and athletic injuries. Studies have been published on Calcific Tendonitis of the shoulder, Treatment of Heel Pain, Non-Union of fractures, Epicondylitis, Pseudoarthrosis, Hip Necrosis, Dupuytren's and Ledderhose's contraction, Plantar Fasciitis, Tennis and Golfers Elbow, Calcific Tendonitis, Achilles Tendon Pain, Pain Management, Osteonecrosis, Recurrent Muscle Pain, Metatarsalgia, Superficial Trigger Points, Deep-sited trigger points and others.



How long do I have to wait before I get results?

You must have a reduction of pain and an increase in motion within three treatment sessions or the treatment will be discontinued.