

# Shockwave Therapy Consent Form



Patient Name: \_\_\_\_\_ Date: \_\_\_\_\_

What is extra-corporeal radial shockwave therapy?

Extra-corporeal radial shockwave therapy (ESWT) is a series of high-energy percussions to the affected area. The shockwave is a physical sound wave “shock”, not an electric one.

How does it work?

1. Treatment produces an inflammatory response. The body responds by increasing metabolic activity around the site of pain. This stimulates and accelerates the healing process (promotes the remodeling of dysfunctional collagenous tissues, such as tendinopathies, trigger points, muscle strains, etc.).
2. Shockwaves break down scar tissue and/or calcification
3. Transmission of pain is diminished through neurologic mechanisms (nociception inhibition) What are the benefits of Shockwave Treatment? This therapy stimulates the body’s natural self-healing process. There is actually an immediate reduction of pain and improved range of motion. ESWT may also eliminate your need for surgery depending on the amount of instability present. How long does the treatment last? Approximately 2000 shocks are administered per treatment area (the duration of which is approximately 5 minutes). Some patients and/or conditions require more shocks and duration, depending on severity and chronicity (how long the condition or injury has existed).

Does the treatment hurt? It is a short treatment (usually five to twenty minutes) that may be uncomfortable. However, most people can easily tolerate the procedure. However, if you cannot tolerate it, adjustments on the machine can decrease the pressure you feel. Will it hurt after the treatment? There may or may not be immediate pain, but some discomfort may be experienced 2–4 hours after the treatment. In some cases, it can last up to 48 hours and in very rare cases, the pain lasted up to 5 days. Some bruising and swelling can occur.

What is the success rate for this kind of treatment? A successful treatment is considered as a patient having at least 75% reduction in pain within 3 months. Worldwide, success rates are around 80 to 90%.

What if it doesn’t work for me? Although the short-term effects alone are exceptional, the long-term benefits of this treatment may take up to 3–4 months. If after this time there has not been any marked improvement, you should see your doctor for further treatment options. Are there contraindications and/or precautions?

Contraindications include:

- Coagulation disorders, thrombosis, heart or circulatory patients
- Use of anticoagulants, especially Marcumar, Heparin, Coumadin
- Tumor diseases, carcinoma, cancer patients
- Pregnancy
- Polyneuropathy in case of diabetes mellitus
- Acute inflammations/pus focal in the target area
- Children in growth, open growth plates • Cortisone therapy within the last 6–12 weeks

Side effects include: (These side effects generally abate after 5–10 days).

- Swelling, reddening, haematomas
- Petechiae, bruising
- Pain
- Skin lesions (especially after previous cortisone therapy)

Why am I asked to sign a consent form? Pain can increase temporarily. Bruising and/or swelling are also possible. We want you to be informed of all aspects of this treatment. By signing below, you acknowledge that you understand and accept the risks, benefits, and cost of radial shockwave therapy; and consent to having this therapy administered.

Patient Signature: \_\_\_\_\_ Date: \_\_\_\_\_