

What is Radial Shockwave Therapy?

Radial Shockwaves are acoustic pressure waves that generate oscillations in the tissue.

The wave hits the body at skin surface and from there travels radially into the body up to 5-6 cm depth.

In the body, the pressure waves stimulate metabolic activity and the body's intrinsic healing mechanism.



Effects of Radial Shockwave Therapy on the Body

- Increase blood flow and formation of new blood vessels
- Pro-inflammatory effect: "reboot" the healing process in chronic conditions
- Stimulate proliferation of tendon cells resulting in tendon regeneration and remodelling
- Disintegrate tendon calcifications
- Smooth trigger points (hard knots in a muscle)
- Reduce muscle hypertonia and spasticity
- Decrease pain



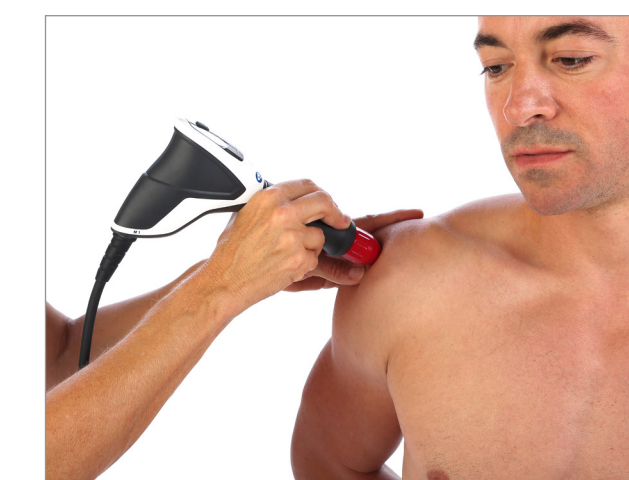
Indications for Radial Shockwave Therapy (Proven Effective with Scientific Studies*)



Trapezius muscle



Low back pain



Shoulder impingement



Trigger point in the calf



Patellar tendinopathy



Plantar fasciitis

- Tendon pathologies
 - Hamstrings
 - Achilles tendon
 - Patellar tendon
 - Shoulder 'rotator cuff'
- Frozen shoulder
- Calcifications
- Tennis Elbow
- Carpal Tunnel syndrome
- Chronic neck pain
- Low back pain
- Muscle hypertonia
- Hip pain
- Shin pain ('splints')
- Plantar fasciitis
- Heel spur
- Cellulitis

Benefits of Radial Shockwave Therapy



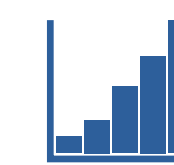
Short treatment time (minutes)



Treat large areas



Muscle massage with vibrating applicator



Results in a few (1-5) treatments



Non-invasive and no side effects



Alternative to medication

* Effectiveness of Radial Shock-Wave Therapy for Calcific Tendinitis of the Shoulder: Single-Blind, Randomized Clinical Study. Cacchio A et al. (Italy) Phys Ther. 2006 May;86(5):572-83.
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Comparison of the effectiveness of local corticosteroid injection and extracorporeal shock wave therapy in patients with lateral epicondylitis. Beyazal MS et al. (Turkey) J Phys Ther Sci. 2015 Dec;27(12):3755-8.
Radial Extracorporeal Shock Wave Therapy Is Safe and Effective in the Treatment of Chronic Recalcitrant Plantar Fasciitis. Results of a Confirmatory Randomized Placebo-Controlled Multicenter Study. Gerdemeyer L et al. (Germany) Am J Sports Med. 2008 Nov;36(11):2100-9.
Placebo controlled, prospectively randomized, double-blinded study for the investigation of the effectiveness and safety of the acoustic wave therapy (AWT®) for cellulite treatment. Russe-Wilffingseder K et al. (Germany) J Cosmet Laser Ther. 2013 Jun;15(3):155-62.
More references available at clinicalstudies@DjOglobal.com



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