



Orthospec

Extracorporeal Shock Wave Therapy (ESWT)

The Orthospec™ is an advanced medical device for the application of non-invasive shock wave therapy in Orthopedics, Sports Medicine and Traumatology.

The Orthospec™ has shown superb results in the treatment of:

- Plantar Fasciitis, with or without Heel Spurs
- Lateral and Medial Epicondylitis (Tennis and Golf Elbow)
- Rotator cuff Tendonitis and Shoulder Bursitis – Impingement Syndrome
- Achilles Tendonitis
- Patellar Tendonitis (Jumper's Knee)
- Bursitis of the Hip (trochanteric), Kneecap (prepatellar) or Elbow (olecranon)
- Non-Union Fractures (Pseudoarthrosis)



The main advantages of the Orthospec™ are:

- Non-Invasive Treatment
- Outpatient Procedure
- Short Treatment Time
- No Need for Anesthesia
- No Imaging Required
- High Success Rate



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The Treatment Procedure

The Orthospec™ is an Extracorporeal Shock Wave Therapy (ESWT) Device that relieves pain by applying shockwaves directly to the pain location. The shockwaves also trigger small vessel revascularization and stimulate osteogenesis. The treatment is a single session, outpatient procedure that lasts up to 25 minutes.

ESWT is a safe and effective alternative to invasive surgical procedures. Because the procedure is non-invasive, it offers a variety of clinical and rational advantages over surgery, such as significantly lower complication rates, faster recovery time, and earlier return to normal activity.

The Advantages

The Orthospec™ has the highest success rate of all medical devices available in the market. It dramatically reduces pain levels, and enables speedy recovery from a variety of orthopedic ailments or disorders. Numerous FDA approved studies have established that ESWT with the Orthospec™ has shown success rates of more than 78%. The Orthospec™ has been in use worldwide since 2001.

The Orthospec™ focuses on safety, simplicity and functionality. The large therapy zone guarantees a superior treatment. Because of its compactness, it is easy to transport, and can be used in small office settings. The low energy requirements and easy to use control panel make the Orthospec™ extremely safe and user-friendly. Since there is no need for anesthesia or for imaging, the application of the shockwaves is simple, fast and economical.

Technical Data*:

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|--------------------------------------|--|
| Pressure range | Adjustable from 9 to 38.9 MPa |
| Energy range at -6dB | Adjustable from 9.4 to 142 mJ/mm ² (10 to 24 kV) |
| Size of the therapy zone at -6dB | Diameter 25 mm; Height 95 mm |
| Focal diameter at -6dB | 35 mm |
| Energy level | Adjustable from 1 to 7 |
| Frequency (or Pulse rate) | 1.5, 2.0 and 2.667 Hz (96, 120 and 160 pps) |
| Dimensions (Height x Width x Length) | 103 to 133 cm (adjustable) x 41 cm x 90 cm |
| Weight | ~ 100 kg |
| Power Supply | 115V/230V; single phase 60/50Hz; 10/5 A |
| Safety Classification | Class I, Type B |
| Compliance with Standards | FDA approved; MDD (93/42/EEC) (CE); IEC 60601-1; IEC 60601-1-2; |

Plantar Fasciitis



Shoulder Tendinitis



Epicondylitis



Therapy Zone
at 5 MPa
46 x 134 mm



* Data subject to change without notice



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