



VETSPEC

Extracorporeal Shock Wave Therapy (ESWT) for Equine Orthopaedic Disorders

Medispec, with over 30 years of expertise in developing Shock Wave Therapy medical equipment, created Vetspec, an Extracorporeal Shock Wave Therapy (ESWT) device for treating equine orthopedic disorders.

Vetspec features large focal zones that enable effective treatment. Its shock wave applicator contains an electrohydraulic source to generate the shock wave, powered by the main unit. Ergonomically designed, the applicator is fully maneuverable, allowing for comfortable and efficient treatment in any direction.

The device's mobility is essential when working with animals.

- Highly reliable & user friendly
- Non-invasive, drugs free treatment
- Horses can resume exercise immediately
- Improves convalescing quality
- Short treatment time
- Largest treatment area in the industry
- Anesthesia is unnecessary for 90% of treatments
- Compact and mobile (12 Kg | 26 lbs)
- Low maintenance cost





What are Extracorporeal Shock Waves?

Extracorporeal shock waves are pressure waves generated outside the body and focused on specific internal sites.

Characterized by high positive pressures up to 100 Mpa -over 100 times atmospheric pressure- these waves travel through fluid and soft tissue, exerting effects at points where there is a change in impedance, such as the bone-soft tissue interface. This interaction releases kinetic energy at these junctions, promoting tissue repair.

Studies show that shock wave therapy induces neovascularization, reduces inflammation at the tendon-bone junction, relieves pain, improves blood flow, and supports tissue regeneration.

Applications

- Suspensory ligament injury
- Bone spavin
- Stifle problems
- Navicular syndrome
- Tendon lesion
- Stress Fractures
- Arthritis
- Sore backs & necks
- Muscle pain
- Calcific tendinitis

Over 90% of horses treated for these conditions show significant improvement following shock wave therapy.



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