VETSPEC

Extracorporeal Shock Wave Therapy (ESWT) for Equine Orthopaedic Disorders

Medispec, specializing in the development of Shock Wave Therapy based medical equipment for more than 20 years, developed the Vetspec - an Extracorporeal Shock Wave Therapy (ESWT) for equine orthopaedic disorders.

The Vetspec has large focal zones which enable effective treatments. The shock wave applicator contains the electrohydraulic source that generates the shock wave with power delivered from the power unit. The shock wave applicator is ergonomically designed and fully manoeuvrable in any direction to provide comfortable and efficient treatments.

The device mobility is very crucial when working with animals.

- Highly reliable & user friendly
- Non-invasive, drug free treatment
- No anaesthesia required
- Horses can resume exercise immediately
- Improves convalescing quality
- Short treatment time
- Largest treatment area
- Compact and mobile (12 Kg)
- Low maintenance cost

GROUNDBREAKING TECHNOLOGY *Within Your Reach*

What are Extracorporeal Shock Waves?

Extracorporeal shock waves are pressure waves generated outside the body that can be focused onto specific sites within the body. Shock waves are characterized by high positive pressures up to 100 Mpa - over 100 times atmospheric pressure.

These pressure waves travel through fluid and soft tissue and their effect occurs at sites where there is a change in impedance such as the bone-soft tissue interface. This results in the release of kinetic energy at the junctions, which eventually leads to tissue repair. Recent studies demonstrate that shock wave therapy induces neovascularization and attenuates inflammation at the tendon-bone junction, relives pain, improves blood flow and leads to tissue regeneration.

Applications

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

75% of the horses treated for these conditions show marked improvement following shock wave therapy.

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