

## • Are there different types of ESWT?

- Yes, there are a variety of shock wave technologies available in addition to a radial pressure wave technology which is often falsely referred to as a shock wave technology. There are key differences in these technologies that directly correlate to safety and efficacy. The VersaTron electrohydraulic technology is proven, true, and versatile. The efficacy of the technology has been documented in extensive human and animal research and validated in thousands of clinical evaluations and scientific publications, unlike other forms of energy technologies. It is the only type that provides true focused energy and true shock waves at all energy settings; two attributes that are critical to ensuring results. The versatility of the device and different penetration depths make it optimal for more types of indications.

## Treatment Expectations:

- True ESWT is very impactful and therefore is associated with noise and some discomfort during treatment. To ensure patient comfort, a mild and reversible sedation is often administered.
- Anticipated results can be seen with 1-3 treatments. It is important to note that it takes time for the biological responses to take place and healing is seen over a period of time, not immediately. A brief analgesic period is sometimes seen and usually passes by 3-4 days post treatment. It is therefore important that the horse is rested during this period although confinement is not necessary.
- The patient can generally return to work or performing soon after treatment; however, this varies depending on the severity of the injury. It is important to follow the directions provided by your treating veterinarian.
- VersaTron ESWT is much more affordable than many other treatment options and many insurance providers will cover VersaTron high-energy, true focused ESWT; contact your insurance provider prior to treatment.

Visit PulseVet at [www.PulseVet.com](http://www.PulseVet.com). Email [info@pulsevet](mailto:info@pulsevet) or call 800-245-4417 to find a veterinarian offering VersaTron ESWT in your area.

VersaTron is available exclusively from Pulse Veterinary Technologies, LLC. "PulseVet". PulseVet is committed to advancements in veterinary science and works with leading universities and private veterinary practices to provide evidence-based medicine supporting the science of shock wave technology and validating new indications.

## Frequently Asked Questions About

# VersaTron<sup>®</sup>

## Non-Invasive Regenerative Extracorporeal Shock Wave Technology (ESWT)



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## • VersaTron ESWT, What is it?

- ESWT is a non-invasive, high-intensity, pressure wave regenerative medicine treatment, which is commonly used in human and veterinary medicine. It helps the body in relieving pain, speeding healing and improving quality of healing.
- “Shock wave” is a physics term to describe a rapid increase in pressure, such as the energy from an explosion or thunder resulting from lightning. “Shock wave” does not refer to electrical shock.
- VersaTron ESWT is a much higher energy and can penetrate to deeper areas than many other types of energy modalities.

## • What is ESWT used for?

- VersaTron ESWT has been proven effective for a variety of types of conditions including:
  - o Tendon and ligament injuries: stimulating, accelerating and improving the healing process
  - o Wound healing: healing chronic wounds, antibacterial properties
  - o Bone healing: speeding healing and improving bone density
  - o Osteoarthritis/Degenerative Joint Disease: alleviating pain and inflammation and slowing the disease process
- VersaTron ESWT treatment can help your horse to return to work more quickly and may help to prevent recurrent injuries.
- Talk to your veterinarian about specific indications and protocols

## • How does VersaTron work?

- ESWT provides a high energy, focused, pressure wave that causes a biological response in treated tissue, which will stimulate and accelerate the healing process. The pressure wave acts as a mechanical force at the cellular level causing various biological reactions including the release of proteins associated with decreased inflammation and increased blood vessel formation. ESWT has also been demonstrated to recruit stem cells, and positively regulate inflammatory proteins associated with osteoarthritis.



## • Can VersaTron ESWT be used with other treatments?

- ESWT can be used with other modalities and is often part of a multi-modal treatment plan. ESWT can increase the efficacy of other treatments and may lessen the quantity or frequency of other treatments needed.