



The **neo<sup>2.0</sup>** is a new equine shock wave system built on 18 years of veterinary industry experience. It is the first shock wave device designed specifically for equine veterinarians and not simply an adaptation of a human medical device. The aspects of previous shock wave therapy technologies which proved successful have been preserved. The new development focused on improving clinical effectiveness, usability, portability and value. The **neo<sup>2.0</sup>** is the first and only shock wave system to feature a radically new therapy head designed specifically for use in sports medicine.

### BACKED BY TOP VETERINARIANS

*"The support after the sale has been tremendous. The company stands behind their product and has expeditiously handled any issues with the machine or probes in a timely manner. We have been very pleased with this purchase."*

– Cliff Honnas, DVM, DACVS

*"The Neovet is a great shock wave machine with reliable effect and results but more importantly for us is that the customer service has been flawless."*

– Omar Maher, DVM, DACVS, DACVSMR

*"The NeoVet External Shock Wave Machine has been a great opportunity to treat horses in my clientele. This device has solved most of the problems we have had so far:*

- A longer cable for equine patients allowing easy access to main parts of the patient's body.
- A nice and handy probe with a stop and start button to work safely
- And a good price per shock ratio

*Overall a great focal shock wave machine for our horses."*

– Philippe Benoit, DVM, DACVSMR

*The NeoVet 2.0 is the first and only shock wave system to feature a radically new therapy head design, specifically for use in sports medicine.*

– Jens Stabler, MD

# neo<sup>2.0</sup>VET

Advancing Shockwave Therapy

### SCIENCE AND INNOVATION

Our team has been engaged in the veterinary industry for 18 years, in fact, we helped introduce shock wave therapy to equine veterinarians in 1999. Throughout, we have maintained a focus on science and innovation. We initiated many of the most commonly quoted studies and have never stopped improving the technology.

### EDUCATION

Education is key to our mission and our trainers have advanced medical science degrees and many years of experience. Our philosophy is that the better educated the client, the better their product experience and clinical success will be.

### OUTSTANDING LOCAL SERVICE

Located just outside of Atlanta, GA our lead service technician has over 20 years of experience working on ESWT devices.

*"Your customer service is truly the best I have ever seen."*

– Dr. Maureen Lunney, DVM

# neo<sup>2.0</sup>VET

Advancing Shockwave Therapy

nucleus

**MORE  
POWER  
MORE  
PENETRATION**

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DISCERNING VETERINARIANS CHOOSE

# neoVET 2.0

## MORE ENERGY RANGE

The neoVET 2.0 features 12 distinct energy levels, the most of any electro-hydraulic systems, the most effective and widely used shock wave technology in veterinary medicine.

## LOWER COST OF OWNERSHIP

The neoVET 2.0 has a much lower refurbishment cost and that cost is guaranteed for life. Our clients save an average of \$30,000 on refurbishments alone!

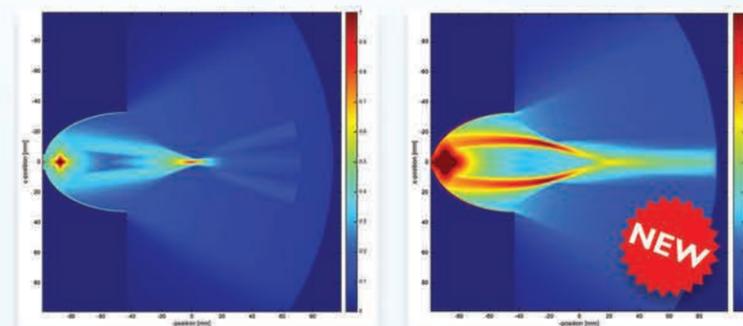


## MORE POWER

Horses with sore backs and feet especially benefit from the increased peak power. The neoVET 2.0 shock wave equipment is more than twice as powerful as older electro-hydraulic focused devices.

## PORTABLE

Weighing just 33 lbs, the neoVET 2.0 shock wave device is easy to carry and stow. The new system only requires two probes and one cable further improving portability.



OLD DESIGN

neoVET 2.0 DESIGN

## ORTHOPEDIC THERAPY HEAD

Shock wave machines were originally designed to break kidney stones. The objective being to break a stone in the center of the beam while having little or no effect on the surrounding tissue. Even today, all other extracorporeal shock wave machines have the old lithotripsy design.

In musculoskeletal applications we want the opposite. The objective is not to drill a hole into a lesion but to target the area immediately surrounding the lesion. Our new Orthopedic Therapy Head is still a focused beam but the beam has been widened so more cells are exposed to the energy with each pulse. Larger areas treated around an injury lead to a better biological response from the body.

## CABLE FREE TRIGGER

The trigger is now conveniently located on the therapy head, giving the operator more control and safety. Double-click for a continuous firing mode.

## LONGER CABLE

The therapy cable is 9'5" for better reach. Treating backs on large horses, or simply maintaining a safe distance, is now so much easier.

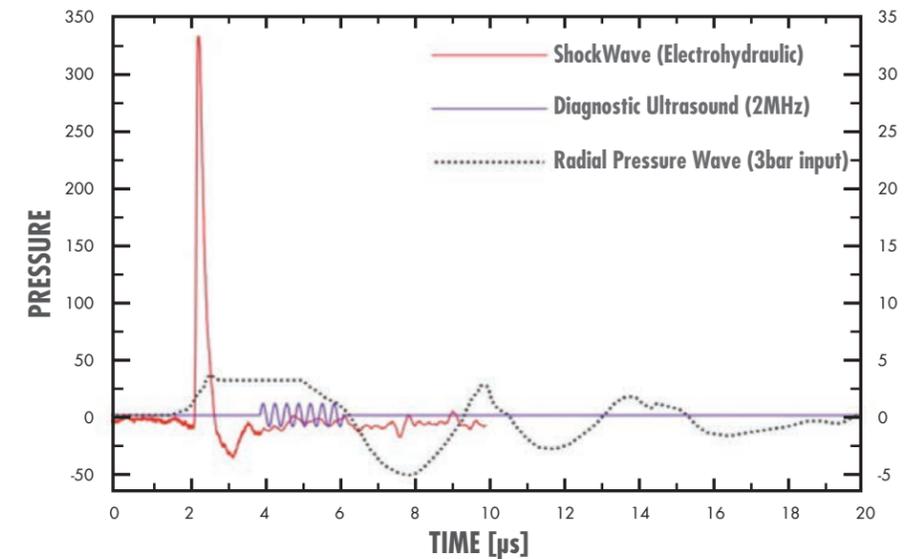
## EASY UPGRADES

Thanks to modern technology and remote access capabilities the neoVET 2.0 can quickly and easily receive software upgrades in the field.

## WHAT ARE SHOCK WAVES?

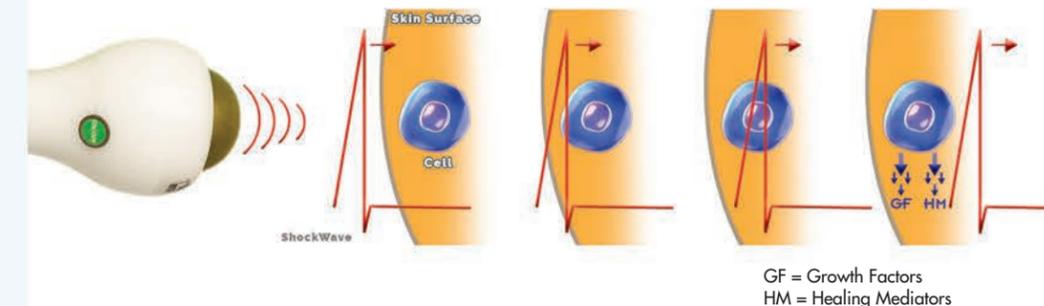
Shock waves are soundwaves that travel through tissue at very high speeds. The signal profile of a shock wave is shown here in RED. Essentially, shock waves are high-pressure pulses. Compare this to ultrasound, shown here in BLUE.

## Comparison of Three Different Acoustic Waves



## HOW IS THE HEALING RESPONSE TRIGGERED?

Each shock wave pulse causes a sudden pressure spike that travels throughout the tissue (see image). Cells react to sudden pressure changes with alarm, just like a person would to a thunderclap, and release distress signals which trigger the body's healing response. Shock wave therapy keeps the repair process going until the injury is completely healed.



## WHAT IS THE BIOLOGIC RESPONSE?

Extracorporeal shock wave therapy physically stimulates a cell's biologic response and healing mechanisms. The specificity of the response to the physical stimulus is cell dependent and leads to several biologic responses including:

- Reduction of inflammation and thus pain
- Release of growth factors
- Activation of stem cells, platelets, etc.
- Increased blood flow