

Why NeoVet?

NeoVet delivers the widest possible scope of treatment in horses and small animals.

- ❑ In-depth proven electro-hydraulic shockwave principle plus newest updated technical features
- ❑ Wider energy range to cover all requirements of a modern veterinarian practice. This allows treatment to commence at very low tolerable energies and progress slowly to higher energies while causing minimal discomfort
- ❑ Higher pulse intensity to enable effective treatment of bone conditions such as stress fractures
- ❑ Maximum mobility, just 16 kg and easy to transport - smaller and lighter
- ❑ Longer cable (3m range) for easier horse treatment
- ❑ Innovative new applicators, easy to change for different treatments
- ❑ Tough, aluminium housing
- ❑ Intuitive touch screen display and modern interface
- ❑ Ethernet and usb connections for remote diagnostics and on-site software updates
- ❑ Trigger conveniently located on therapy head

NeoVet's therapy volume reaches more tissue per pulse than other modalities.

Large size therapy volume to maximise treatment speed and efficacy, combined with the large energy range makes NeoVet unique.

neo VET
a commitment to excellence

by

Switalis
member of the hmt group

Technical Data:

Dimensions: 19 x 33 x 40 cm
Weight: 16 kg
Pulse frequency: 1 - 6 Hz, 60 - 360 pulses / min
Power supply: 100 - 240 V, 50/60 Hz

Total pulse intensity:
Standard Probe: 0.05 - 0.16 mJ/mm²
Power Probe: 0.18 - 0.32 mJ/mm²
as average intensities
Maximum total pulse intensity up to 0.44 mJ/mm²

Therapy field:
Standard Probe: 21 x 64 mm
Power Probe: 10 x 64 mm

What counts?

NeoVet is:

- ❑ your best option for a wide range of conditions
- ❑ no significant side effects
- ❑ very easy to operate and easy to handle
- ❑ small, light and comfortable to transport
- ❑ "Simple swap" therapy heads, easily changed in the clinic or the field
- ❑ **hmt** technology at its best

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neo VET
the advanced healing solution



supported by innovative swiss technology from

Switalis
member of the hmt group

What is NeoVet?

- ✚ **NeoVet** is the most advanced shockwave system available today
- ✚ **NeoVet** combines the proven electro-hydraulic shockwave principle with the latest technical and physical features
- ✚ **NeoVet** is the better alternative for the treatment of various injuries - bone and soft tissue, as well as playing a role in physiotherapy
- ✚ **NeoVet** is setting a new therapeutic and technical standard
- ✚ **NeoVet** is specifically designed for veterinarians in mind and focused on improving clinical effectiveness, usability and value



What can NeoVet treat?

Electro-hydraulic shockwaves have a well documented, wide range of therapeutic application.

In **horses** the most common conditions treated include:

- ✚ Suspensory ligament injuries
- ✚ Tendon conditions
- ✚ Stress fractures
- ✚ Back pain
- ✚ Poorly or non-healing wounds

In **dogs** there is documented experience in treating:

- ✚ Bicipital tendonitis
- ✚ Certain types of degenerative joint diseases
- ✚ Spinal spondylosis
- ✚ Back pain
- ✚ Traumatic wounds

To learn more about treatment possibilities please contact medicalinfo@switalis.com



What is Switalis?

Switalis has at its heart a team of electrohydraulic shockwave specialists.

Their great experience in designing and developing lithotripsy and ESWT devices for use in both the medical and veterinary markets has given rise to **NeoVet**.

Switalis is certified **ISO 9001** and **13485** and based in Switzerland near the shores of Lake Constance.

Equine indications:

- Suspensory ligament desmitis
- Tendinopathies
- Stress fractures
- Periostitis
- Sesamoiditis
- Spavin
- Ring bone
- Bone cysts and OCD's
- Back pain
- Foot conditions
- Wounds

Canine indications:

- Degenerative joint diseases
- Tendinopathies
- Spondylosis
- Back pain
- Small & Stress fractures
- Lick-granuloma
- Wounds

How does it work?

Electro-hydraulic shockwave therapy has become a routine therapeutic modality in the majority of equine practices across Europe and USA - because it offers effective therapy for a wide spectrum of problems.

Essentially, shockwaves function through activation of the natural healing response and can be applied safely and easily without risk of any significant side effects.

Put simply: electro-hydraulic shockwave therapy switches on a cells response to injury without actually causing any damage to the cell. This sets off the entire healing cascade of physical and chemical changes to either enhance healing or restart the healing process in a chronic or "stagnant" condition.

The following effects have been observed and documented in tissues treated with electro-hydraulic shockwave therapy:

Biologic effects:

- Vasodilation and new vessel growth
- Stem cell activation
- Anti-inflammatory effects
- Release of growth factors (eNOS, BMP, VEGF etc.)

Clinical effects:

- Increases blood supply
- Regenerates soft tissue
- Regenerates bones
- Promotes faster healing
- Reactivates healing of chronic conditions

