

The Equipment

Omega Laser Systems Ltd is the longest established manufacturer of medical Class 3B lasers in the UK and its equipment is certified to the EC medical standard 13485.



Omega has provided products and training to medical and veterinary centres worldwide for some twenty years.

For more information on Omega Laser Systems see www.omegalaser.co.uk or contact the manufacturer at the addresses below.



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Equine Laser Therapy

EQUINE LASER THERAPY

Low Level Laser Therapy is used to enhance the healing of wounds, soft tissue injuries, tendon problems and fractures. It can also help to neutralise infection and reduce scarring.

Being non-invasive LLLT can safely be used on the young, the old and the nervous as well as being particularly suitable for use over painful or sensitive areas.



Healing through Light

What is EQUINE LASER?



For the past 30 years low level laser therapy has been researched and available in the medical field for the treatment of pain, wound healing and muscular conditions and as an alternative to needles in acupuncture.

Equine Laser Therapy uses the same principles to provide a safe and effective way to improve the healing of:

- o Wounds
- o Soft Tissue injuries
- o Tendon and Ligament issues
- o Muscular problems and
- o Fractures

How does it work ?

Every cell in the body responds to light and different cells react differently to particular wavelengths of light.

Laser therapy harnesses these responses to stimulate the body's own healing processes by applying light at specific selected wavelengths, strengths and pulsing frequencies.

In addition to local cellular effects, laser therapy can also be successfully used in the stimulation of acupuncture and trigger points and the management of pain. Laser can 'block' the pain messages with appropriate application and increase the release of the 'feel good' hormone, endorphin, encouraging relaxation.

Treatment

Treatment is quick, pain-free and easy to apply. Appropriate probes are placed on the skin relative to the damaged area and controlled light, of a specific wavelength, power, pulsing frequency and duration, is passed into the tissue.



Laser therapy is especially effective for chronic conditions, infection, non-healing wounds or where the animal's immune system is compromised.

Response is quick, with the treatment times per session relatively short. Depending on the condition, laser therapy is given once or twice weekly, followed by progressively longer treatment intervals.

As symptoms ease during treatment, most horses will be seen to relax.

Practitioner Training

Every laser therapy practitioner should be manufacturer trained in addition to any other qualifications — inappropriate application can reduce effectiveness.

Omega Laser Systems Limited trains all those who purchase equipment directly in the safe and effective use of their equipment, issuing certificates as proof of training.

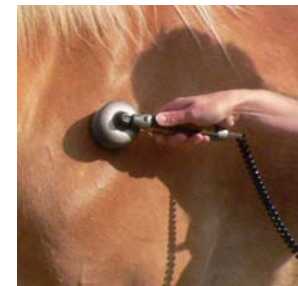
Omega also holds training courses specifically dedicated to equine laser therapy on a regular basis at the British School of Racing, Newmarket, and occasionally at other venues around the UK. For more information on courses and forthcoming dates visit www.omegalaser.co.uk or contact us at the addresses overleaf.



Advantages

Laser therapy can be used independently, in conjunction with conventional veterinary practices, or effectively alongside other complementary therapies

The physiological effects of laser therapy have been extensively researched and it is demonstrated to be:



- o Safe
- o Aseptic
- o Non-invasive
- o Painless
- o Side-effect free

One additional advantage of Laser therapy is that it is **drug free** - particularly useful where the use of drugs are not recommended, or where an animal is drug-resistant

Being drug-free also has the added benefit that under current FEI and BEF rules Laser Therapy can be used safely, effectively and legally on competitive animals

- even on the day of competition

Veterinary permission must be sought prior to any treatment
