

Magnetopulse M08

Pulsed Magnetic Field Therapy

Pulsed Magnetic Field Therapy (PEMF) promotes tissue repair by subjecting the bones, ligaments, muscles and tendons to controlled electromagnetic fields. Working at a deep level it induces electrical charges around tissue cells. This improves the local blood supply / oxygen pressure thus stimulating repair.

Healthy cells have a resting membrane potential of around -70mV . In a damaged cell this results in swelling and an excessive build-up of fluid in body tissue.

PEMF causes a redistribution of ions across the cell membrane, thus modifying resting membrane potential and certain cellular metabolic processes, especially those active during inflammation.

Additionally this therapy helps to promote the binding of receptor proteins on the surface of nerve cells, which facilitates their regeneration.



Advantages of PEMF:

- Speeds up healing process
- Treats a wide range of conditions including navicular disease, laminitis and soft tissue injuries
- Ease of use (no gel or clipping is required)
- Suitable for the owner / stable manager to carry out the treatments
- Limited side effects

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Technical Data

Magnetopulse M08 is a fully portable battery operated **PEMF** unit which has been specifically designed for treating animals. No mains cable significantly reduces hazards associated with tripping over and breaking high voltage leads.



The unit is simple to use, yet flexible enough for the user to choose between 50 and 200 Hz base settings and pulse frequencies from constant up to 25 cycles / second. This allows treatments for pain reduction, reduction of inflammation (both acute and chronic), soft tissue regeneration and even healing of bone fractures, particularly non-union.

In most cases your horse can be treated in its stable. The special coil is wrapped or placed onto the affected area. A single treatment lasts just 10 minutes. To gain the maximum benefit, it is recommended to repeat the treatment after a period of 4 hours has elapsed.

Note: The condition may worsen slightly during the first few days of use. This is due to the initiation of the healing process and is normal. Stop treatment if any signs of infection appear and contact your veterinary.

Condition	Treatment Goals
Navicular disease	Reduce inflammation by reducing blood viscosity and stickiness, thus increasing tissue oxygenation. Heal supporting tissues by increasing cell metabolism which can improve the rate of tendon healing.
Laminitis	Reduce acute inflammation by reducing blood viscosity and stickiness, thus increasing tissue oxygenation. Aid the Healing process by increasing cell metabolism in the hoof structures.
Tendon / Ligament	Regenerates damaged and diseased tissue. This can help with the repair of torn tendons / ligaments which typically have extended healing cycles.

Purchase or Hire?

Treatment using PEMF is best carried out 2 – 3 times a day, particularly for acute conditions. In this situation hiring the unit on a weekly basis is probably the best option. For more chronic conditions (i.e. osteoarthritis) where treatment will be less frequent but over long periods of time, purchase is an option.



For more details and pricing please visit [PEMF Hire](#).

Note: hiring the unit will require a refundable deposit.