



C—TREATMENT

EQUINE

cTreatment Equine

For performance at the
highest level!

The history of cTreatment

In 2004, Marvle Medical started developing medical treatments and devices. Our objective was clear, to develop a treatment that would allow patients to recover faster and better after an orthopaedic surgery.

After years of development, we created a formula that gives the patient a specific treatment based on the body part, indication, morphology and stage in the recovery process. Together with the development of the cServer and a series of accompanying cPads, we could launch cTreatment to the world.

Over the past few years, the benefit of cTreatment in elite sports was quickly noticed. A faster and more qualitative recovery but for an elite athlete a world of difference.

Today, Marvle Medical is ready to enter a new world. With cTreatment Equine, we are bringing our treatments to the world of elite sport horses for the first time.

Discover all about cTreatment Equine!





What about cTreatment Equine?

cTreatment Equine offers the next generation of local body cooling (cryotherapy). We focus on faster and more qualitative rehabilitation after injuries or surgery of horses.

Who says top sport, says injuries. Unfortunately, this is no different in equestrian sports. cTreatment Equine offers solutions to provide specific temperature treatments for faster and more qualitative rehabilitation. We also offer treatments for horses that have undergone surgery.

Benefits

- Faster recovery
- Strong reduction of swelling
- 100% opioid free pain reduction
- Standardized protocols
- 100% Safe treatments
- Indication specific treatments
- High cooling performance



Temperature

cTreatment only uses 100% safe temperatures. Warmth is energy. Depending on an overload, inflammation or rather superficial damage to the tissues, more or less energy will need to be extracted. cTreatment applies the right temperature to perform a treatment as efficiently and comfortable as possible.

Time

The depth and type of tissues determine the duration of the treatment. The deeper the tissues to be treated, the longer the treatment will take with safe temperatures.

Some tissue types conduct thermal energy easier than others e.g. muscle conducts thermal energy very well.

How does cTreatment work?

Temperature treatments consist of 4 major parts. Temperature, time, pressure and temperature variations. Each of these elements is determined according to the type of treatment.

Pressure

To achieve optimal temperature exchange, it is essential to make maximum contact between the cPad and the body part to be treated. For this, the shape of the cPad is crucial in combination with the right pressure to generate optimal contact.

cTreatment uses static pressure that doesn't risk pinching veins.

Temperature variations

For reaching deep tissue where high energy extraction is required, cTreatment will start using lower temperatures. To prevent damage to the skin and nerves, cTreatment will apply periods of higher temperatures during a treatment. This without undoing the effect of deep cooling.

Evidence Based.

cTreatment Equine offers protocolised temperature treatments. These treatments take into account studies conducted worldwide. The outcome of these studies results in specific treatments that are different for each body part, indication and stage in the recovery process.

” The current recommendation for laminitis prevention in horses at risk is to maintain a hoof wall surface temperature (HWST) of 5–10°C for 48–72h.

Study 2

Equine laminitis model: cryotherapy reduces the severity of lesions evaluated seven days after induction with oligofructose

Van Eps, A. W., & Pollitt, C. C. (2009). Equine laminitis model: cryotherapy reduces the severity of lesions evaluated seven days after induction with oligofructose. *Equine veterinary journal*, 41(8), 741–746. <https://doi.org/10.2746/042516409x434116>

” The requisite method and duration of cryotherapy for analgesic purposes will likely vary with the target tissues within the distal limb.

Study 7

Contrast therapy: Tissue heating and cooling properties within the equine distal limb

Haussler, K. K., Wilde, S. R., Davis, M. S., Hess, A. M., & McIlwraith, C. W. (2021). Contrast therapy: Tissue heating and cooling properties within the equine distal limb. *Equine veterinary journal*, 53(1), 149–156. <https://doi.org/10.1111/evj.13278>



” The current recommendation for laminitis prevention in horses at risk is to maintain a hoof wall surface temperature (HWST) of 5–10°C for 48–72h

Study 2

Equine laminitis model: cryotherapy reduces the severity of lesions evaluated seven days after induction with oligofructose

Van Eps, A. W., & Pollitt, C. C. (2009). Equine laminitis model: cryotherapy reduces the severity of lesions evaluated seven days after induction with oligofructose. *Equine veterinary journal*, 41(8), 741–746. <https://doi.org/10.2746/042516409x434116>



Discover more!



MILA PIETARILA PIHLA PIETARILA

ABSOLUTE HORSETRUCKS

OZI-480



cTreatment on the road...

In elite sport, travel to games is an everyday occurrence. Large handling devices are often difficult or impossible to transport. Our cServer is designed to be extremely mobile and easy to take with you, without compromising performance.



Injury Care

Injury Care contains specific treatments for horses facing acute and chronic tissue damage.

Common syndromes are superficial digital flexor tendinitis (SDFT) and Deep digital flexor tendinitis (DDFT).

cTreatment provides specific treatments for the different phases within recovery.

Surgery Care

Surgery Care offers specific treatments for horses undergoing surgery. We offer a pre-operative treatment that will reduce blood loss during surgery and thereby lower metabolism. All this results in less inflammation after surgery.

The following treatments with cTreatment focus on reducing pain and swelling without the need to administer medication.



C-TREATMENT
EQUINE



Faster recovery

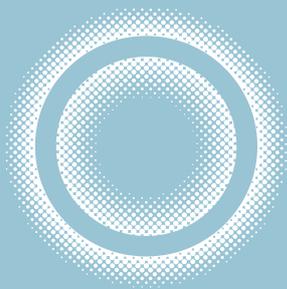
Reduced swelling

Reduced pain

100% Opioid free

100% Safe

Standardized protocols



Marvle Medical

Zagerijstraat 27
2960 Brecht
Belgium

+32 217 20 70
info@marvlemedical.com

www.marvlemedical.com