

Kim Samuelsen, DVM

Dyrklaegerne Himmerland (Himmerland Vet. Services)  
Hesteklinikken (Horse clinic)  
Egegaardsvej 5, 9620 Aalestrup, Denmark  
[kisa@dyrhim.dk](mailto:kisa@dyrhim.dk) January 2009

## The use of soft-laser therapy in equine practice

For a year I have now been using the LaserPen®Expert from JR-LASER, Germany, in my acupuncture treatment on horses. The LaserPen is a frequency laser that emits laser beams with a wave length of 904 nm in flashes (frequencies). The frequencies according to Dr. Nogier, France and the frequencies found by Dr. Bahr, Germany are preprogrammed in the laser as well as other frequency systems.

The majority of my patients are patients with locomotory disturbances and these horses are treated with osteopathy and laser acupuncture as well as with acupuncture needles. The main goal of using laser therapy in these cases is to relax muscle contractions in order to facilitate the manual correction of the joints involved. There is an overwhelming consistency in the points that is found with the laser by RAC (Reflex Auriculo Cardial) or VAS (Vasoton Autonom Signal) and the joints with restricted mobility found by manual examination as used in osteopathy.

The points treated with laser are the points found on the body by the RAC method, the ear points as described by Dr. Uwe Peterman, Germany (1.), and the ECIWO- or zone therapy points on the coronary band found by Dr. Are Thoresen, Norway (2.). After treating these points the manual correction of the joints with restricted mobility is carried out with only little effort. The frequencies used in these cases are very often Nogier A and C or Bahr 2 and 3. The VAS response will determine what frequency is in resonance with the scar in question.

Other groups of patients that I treat with laser are horses with scars or non-healing wounds. Scars very often disturb the body by interrupting the smooth flow of Qi (life energy), as described in classic Chinese acupuncture. These disturbances lead to painful conditions or other imbalances that may affect any part of the body. The painful condition could be local chronic pain or pain that is difficult to locate or to relate to any physical or pathological change. Usually only few treatments of the scar will remove the pain. In scars the frequencies used are often Nogier A, C or D.

Non-healing wounds are conditions that usually respond well to laser treatment. These wounds need daily treatments or at least 2-3 treatments a week, depending on the duration, size and location of the wound. Attention has to be paid to the fact that foreign bodies may still be present in the wound and may need surgery. Laser stimulation of these wounds reduces healing time significantly. The frequency used here is very often Nogier A or C. Stimulation of the point Th 5 at the front limb will also promote demarcation and healing of the wound.

### Literature:

1. Peterman, Uwe.: "Pulse Controlled Laser Acupuncture Concept in Horses and Dogs"
2. Schoen, Allen M.: "Veterinary Acupuncture, Ancient Art to Modern Medicine", second edition, chapter 37 by Are Thoresen.

[Webpage of RJ-LASER Germany](#)

[www.rj-laser.com](http://www.rj-laser.com)

