



Held in Febr. 2020 at Van der Valk Hotel Melle, 49324 Melle, Germany

IVAS APPROVED ADVANCED* COURSE ON VETERINARY LASER and EAR ACUPUNCTURE and LASERTHERAPY in Horses and Dogs

IVAS CE* credits 12h
Online course, Course language is English

Vita of the lecturer:

Dr. Uwe Petermann started with canine and equine **Laser and Ear Acupuncture** 30 years ago. He transposed the new *ear acupuncture concept* from humans to animals and runs a pure veterinary acupuncture clinic without any conventional side treatment for horses and small animals in a small village in the middle of nowhere in Germany. He published two acupuncture books in German about Ear acupuncture and RAC controlled laser acupuncture and a book about PCLAC (Pulse controlled Laser Acupuncture Concept) in English. He combines acupuncture and Low Level Laser Therapy to PCLA Concept. For 13 years, he only sees his patients in his clinic and they come from all over Germany and the neighbor countries to his place. For 27 years he carries out yearly private PCLAC courses for veterinarians from beginners to expert level in Germany. Dr. Uwe Petermann is an IVAS board member since 2007 and was the IVAS president from June 2016- Oct. 2018.

Introduction and summary of the course content

This course introduces the use of modern laser for Low Level Laser Therapy (topical laser treatment of diseased tissue) in combination with acupuncture. However your personal understanding of acupuncture may be, you can use the laser in addition to your common acupuncture therapy. It starts with introduction of pulse controlled laser acupuncture concept (PCLAC) incl. Ear Acupuncture and disturbing focus treatment principle. Certified veterinary acupuncturists can apply for "IVAS ADVANCED CERTIFICATION" in RAC controlled Laser and Ear Acupuncture. Participants should be able to start with controlled laser acupuncture treatment in their patients after the course.

Laser acupuncture is a modern kind of acupuncture and can be used for both, ear acupuncture and traditional acupuncture. All acupuncture points – ear and body – can be strongly stimulated by laser beam instead of needles, pain-free and even without skin contact. But the main advantage of the laser-acupuncture is to add topical laser treatment of tissue additionally to acupuncture. Especially for topical laser-treatment the kind of laser is extremely important for healing effects. If you ever should have seen laser studies with poor results, forget them because these studies have been carried out with the wrong laser types, which do not penetrate deep enough into tissue achieving a strong energy input. Inside the mitochondria laser-light is directly transformed into ATP within the respiratory chain and ATP is a main aspect of Chi. This means the laser can produce Qi especially in areas with Qi and blood stagnation where ATP is urgently needed. Laser light has the following proven strong effects: anti-inflammatory effect, support of wound healing, tissue repair in damaged tissue, demarcation of abscess and granuloma in focal disturbances, improves blood perfusion in micro circulatory conditions, and many other healing effects. Laser light produces an action potential in radiated nerves which leads to a strong acupuncture stimulus.

Ear Acupuncture in addition with topical laser treatment is an excellent diagnostic AND treatment modality for many especially severe chronic allergic or degenerative diseases like, heart-, lung-, kidney-, liver-, gastro- enteric-, thyroid-, Cushing disease, as well as all orthopedic disease like chronic lameness and back pain as well as paralysis at any stage. Beside all these indications topical laser treatment is excellent in wound healing, especially infected wounds even MRSA infected wounds or other infections resisting to antibiotics, in acute and chronic bowed tendon and acute and chronic laminitis in horses.

The course will provide all information about detailed current knowledge of Ear Acupuncture and different kinds of lasers and how to use them for any kind of disease. Originally laser acupuncture is combined with RAC pulse control and ear acupuncture, but of course one can use it in any way according to one's personal experience in acupuncture.

The lecture time is 8h plus 4h hands on.

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- **Time schedule**
- **Saturday morning: 9:00 – 13:00, 15 minutes coffee break, afternoon: 14:00 – 18:30, 15 minutes coffee break (8h)**
- Introduction to “Pulse Controlled Laser Acupuncture Concept”
- Auricular Medicine /Ear Acupuncture, introduction of all orthopedic and internal Ear Maps for dogs and horses
- Neurophysiology of Ear Acupuncture
- Clear lameness diagnosis and diagnosis of internal disease and diagnosis of disturbing foci by help of the Auricular maps and RAC incl. all diagnostic tools and how to use them in action
- Tools for Ear Acupuncture therapy incl. laser, semi-permanent needle and Gold Bead Implants
- History of laser, history of laser in medical use
- Scientific studies about laser in medicine
- ATP- production by laser light within the respiratory chain
- Indications of laser irradiation in tissue

- Different types of acupuncture lasers, cw-laser, impulse laser, wavelength of laser light, laser power (watts), treatment time, application energy (joule), laser classes, resonance frequencies of pulsed and super-pulsed lasers like Nogier-, Bahr-, Reininger- (Meridian-) frequencies, frequencies for Qi- and Blood- stagnation, "Selfheal" frequency)
- Safety care in use of laser, how to use laser for stimulation of acupuncture points and topical laser treatment in combination with RAC control, traditional acupuncture and ear acupuncture.
- Weakening factors (Qi eaters or Qi absorbing factors) causing chronic disease
- Climate, environment, nutrition, psychic factors
- Focal disturbances acting on the body, how to find them in scars and teeth by RAC control, and how to treat by laser and acupuncture
- Treatment protocol for all thinkable kind of acute and chronic disease: internal, orthopedic and wound healing in horses and dogs
- **Sunday morning, wetlab: 8:30 – 12:45 15 minutes coffee break (4h)**
 - **Wetlab RAC controlled Laser Acupuncture in horses and dogs**
- Learning to feel the RAC pulse with direct and indirect method in horses and dogs
- Using different lasers in action for diagnosis and treatment
- Demonstrating the PCLAC diagnostic and treatment system using the laser and all the required equipment in action in 1-2 equine patients and 1-2 dogs.

***IVAS ADVANCED COURSES will be open for *all veterinarians*. All attendants will be issued with a Certificate of Attendance.**

For registration, send an e-mail to druwepetermannmelle@t-online.de. The cost is 370€ + 19% German tax. If you provide a VAT number (not possible for German residents), no tax is added. This price includes the course, handout, and course notes.

Best regards

Uwe

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