

#### Jim Roberts, DVM, CVCP

Jim Roberts, DVM, CVCP, is a VOM certified veterinarian with more than 20 years' experience in the Kentuckiana area, and has provided VOM Technology to patients for over 14 years.

## HAPPY, HEALTHY PETS IS OUR GOAL

Dr. Roberts uses a cutting edge class 3b frequency specific laser as part of his extensive therapy plan.

The combination of VOM Technology, Myofascial Release, and condition-specific Laser Therapy, will provide your pet with a comprehensive, effective, and affordable combination of therapies, increasing chances of clinical success.

Happy, healthy, and good quality of life are the goals.



Jim Roberts, DVM, CVCP avantvet.com

# **LASER**THERAPY

Cutting edge therapy promoting positive cellular activity for improved clinical outcomes



## INNOVATIVE THERAPY

Laser Therapy is an innovative treatment that provides many tissue-healing benefits for a wide variety of medical conditions. There is an abundance of applications for laser therapy in our patients.

Laser is the acronym for "light amplification of stimulated emission of radiation". A laser is a device that emits focused, penetrating light beams with 3 qualities:

- Light that is a single wavelength (monochromatic)
- Photons travelling in the same phase and direction (coherent)
- Photons that travel in a single straight beam (collimated)

These qualities allow the therapeutic laser to be tissue penetrating, in a focused area, which leads to activation of a whole range of positive cellular activity (photobiomodulation).

These stimulated cellular activities, lead to the positive effects of laser therapy such as:

- Relief of chronic and acute pain by modulation of nerves' function and speed
- Increases speed of tissue repair by increasing blood circulation
- Stimulates the Immune System
- Reduces Inflammation
- Enhances collagen and muscle development, which in turn enhances healing
- Stimulates development of new blood vessels
- Reduces swelling from injury
- Stimulates nerve healing, and reduces nerve damage

### **CONDITIONS**

Conditions benefiting from laser therapy include:

- Pain and inflammation
- Spinal related injuries (including disc disease)
- Joint disorders
- Lameness acute and nonacute
- Progressive lameness (arthritis)
- GI motility disease
- Progressive myelopathies ("down in the rear" dogs)
- Organ disorders (e.g. liver disorders)
- Wound healing
- Cats and Exotics with limited medication options

