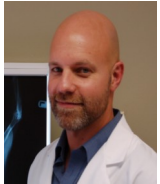


## What Is Laser Therapy?

Laser Therapy is a cutting edge treatment which uses specific wavelengths of light to create therapeutic effects. These effects include improved healing time, pain reduction, increased circulation and decreased swelling. Laser Therapy is a tested medical modality approved by the FDA and used in human medical, rehabilitation and professional sports facilities throughout the US and Europe. For most patients, pain management drugs and their long-term side effects can be reduced or eliminated.

## Our Doctors...

**Patrick McKee, DVM** Dr. Patrick McKee received his DVM from Oklahoma State University. He practiced in Charlotte for a year before moving to Hendersonville where he practiced emergency medicine prior to purchasing AVAH in 2010. The McKee's family includes a son, two daughters, three dogs & two horses.



Away from work, Doctor McKee enjoys exploring the mountains of North Carolina with his family as well as biking, camping, horse-back riding, rafting, fishing, and photography.

**Jennifer McKee, DVM** Dr. Jennifer McKee received her DVM from Oklahoma State University. Dr. McKee is a member of the American Veterinary Medical Association, American Association of Equine Practitioners, and the International Veterinary Acupuncture Society. Dr. McKee is also the owner of Apple Valley Equine Mobile Veterinary Services. In her free time she enjoys camping, kayaking, swimming and spending time with her husband, Patrick McKee, DVM, and their two children, two horses and three dogs.

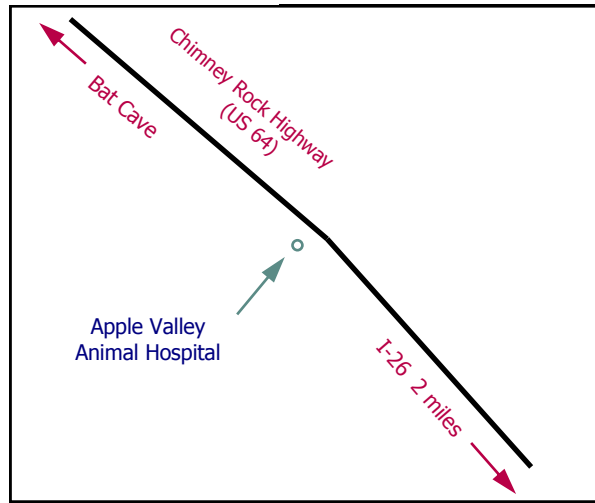


**Robin Howie, DVM** Dr. Robin Howie is a native of Florida and graduate of the University of Florida's College of Veterinary Medicine. She completed her veterinary internship at Southwest Veterinary Center in Tucson, Arizona and moved to western North Carolina in 2004. Her veterinary interests include small animal medicine, surgery and ophthalmology.



Dr. Howie brings over ten years of general practice, clinical and surgical experience to AVAH. Dr. Howie and her husband have two daughters and three rescue pets; cats Stitch & Autumn and a dog named Amy. She loves spending time with her family and enjoys Pilates, baking and hiking.

## Apple Valley



## Apple Valley Animal Hospital

### YOUR OTHER FAMILY DOCTOR



3015 Chimney Rock Road  
Hendersonville, NC 28792

Phone: (828) 685-1650

Fax: (828) 685-9774

Visit us at [www.AVvets.com](http://www.AVvets.com)

Website: [www.AVvets.com](http://www.AVvets.com)

### Hours of operation:

Monday through Friday 7:45a to 5:30p

Saturday 8:30a till 1:00p

Call 685-1650 to schedule appointments.

# K-Laser Therapy

*Surgery Free  
Drug Free  
Pain Free*

Apple Valley Animal Hospital



**Advanced Pain Relief  
Faster Recovery**

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## How Laser Therapy Works:

**R**esearch shows light stimulation at specific wavelengths (red and near-infrared) interacts with tissues at the cellular level, increasing metabolic activity within the cell and improving the transport of nutrients across the cell membrane. This increased function stimulates cellular repair and function.

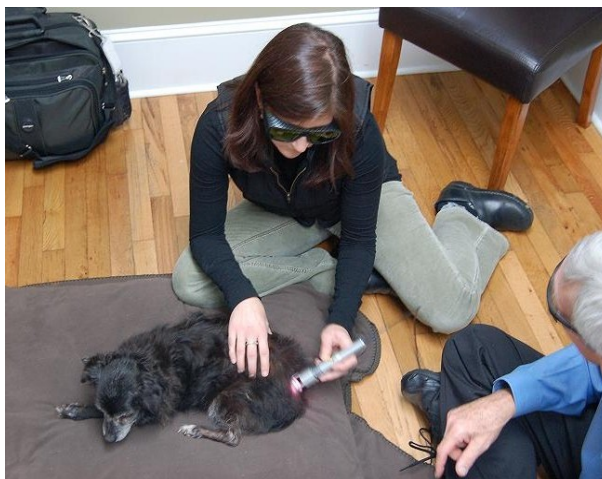
Laser Therapy is effective with:

Osteoarthritis	Post-Surgical Pain
Joint Pain	Neck and Back Pain
Tendinopathies	Hip Dysplasia
Edema	Congestion
Burns	Ligament Sprains
Chronic Wounds	Muscle Strains
Rehabilitation	Puncture Wounds
	Post Orthopedic Surgical Recovery
	Post-Traumatic Injury



## Therapeutic Effects:

**D**uring each painless treatment, laser stimulation creates a biochemical reaction which increases circulation, drawing oxygen and nutrients to the damaged area. This creates an optimal healing environment that reduces inflammation, swelling, muscle spasms, stiffness and pain.



Dr. Jennifer McKee Administers Laser Therapy

## What to Expect:

**No sedation or restraint is required and most patients experience pleasant and comforting sessions.**

Although improvement is often seen after the first treatment, most patients require several therapy sessions to receive the greatest benefit. Class IV Laser Therapy treatments are cumulative in nature. The length and frequency of treatments varies with your pet's condition. A typical treatment series is three treatments the first week, two treatments the second week and one treatment the third week. The veterinarian will recommend a treatment plan based on your pet's specific needs.

"Booster" treatments are given to maintain the therapeutic effect. Although the booster treatment range is considered to be three to eight weeks, the average is around four to five weeks. An informed and observant owner is the best judge of when a booster treatment is needed.

*Pain Free*

*Drug Free*

*Surgery Free*

## Reintroduction to Activity:

**M**any pets will renewed energy and freedom of movement. Consult your veterinarian before allowing your pet to return to full activity. A gradual introduction of activity may be required to keep from aggravating the condition or reinjuring the site.



## Frequently Asked Questions:

**What does treatment feel like?** There is little or no sensation during treatment. Occasionally the patient will experience a mild, soothing warmth or tingling.

**Are there any side effects?** During more than twenty years of use, very few side effects have been reported. Occasionally some old injuries or pain syndromes may feel aggravated for a few days as the healing process is more active after treatment.

**How long does a treatment take?** The typical therapy time is three to eight minutes per treatment site.

**How many treatments does it take?** That depends on the condition. For some acute conditions one to two treatments may be sufficient. For chronic conditions, a series of five to eight treatments may be needed. Some conditions may require periodic "booster" treatments to maintain the effect.

**How long before results are felt?** Your pet may feel improvement in their condition (usually pain reduction) after the first treatment. Sometimes, depending on the condition, it takes several treatments to experience results. Laser Therapy has a cumulative effect and results are often seen after three or four treatments.