



Animal Clinic of Michigan City

Veterinary Cold Laser Therapy

Veterinary cold laser therapy (VCLT) developed by William L. Inman DVM, CVCP, is the culmination of over 20 years of experience and application of healing techniques using a non-cutting or “cold” laser on human beings and animals.

Light amplification by stimulated emission rays or L.A.S.E.R. is a means of directing highly concentrated coherent light at a concise wavelength to the muscles, tissues, organs, connective tissue, formed elements of the blood, and the living matrix of the body. All are involved and all are subject to laser stimulation and healing.

It has been proven that cells communicate through coherent light. Coherent light does not radiate, but rather is directed to a specific location. Cells in the living matrix also communicate throughout the total body via coherent light. That communication is done instantaneously through the living matrix to direct all aspects of healing, growth, regulation of metabolism and general cell survival.

The cold laser is able to emulate the exact methodology that the cells use to heal themselves and also grow, to change and survive.

Biological Effects of Laser Light

There are many reasons that the light therapy works on the structure and metabolism of living tissues. Some of them are:

- 1) Effects at the cellular level: Light at the proper wavelength repairs mitochondrial DNA and messenger RNA, used to support and direct maintenance and metabolism in the cell.
- 2) Effects at the organ level: As the cells and connective tissues heal, proper Metabolism ensues and the organ resumes proper function.
- 3) Effects at the symptomatic level: The resumption of proper organ function will Will reduce signs/symptoms of the disease process and will assist in the evaluation of the healing process.
- 4) Effects at the therapeutic level: As the organs heal, the signs/symptoms will resolve.

Veterinary Treatment Protocols

There are several general treatment protocols that are used either by themselves or with other more specific protocols. These protocols are designed to enhance a particular disease therapy or can be used in a general sense as the sole treatment of choice.

Although these protocols are designed for specific disease conditions, standard allopathic therapies can be used either as a primary or secondary adjunct to treatment.

Scheduling and Duration of Treatment

The number of sessions varies depending upon the severity and chronicity of the disease process and the nature and characteristics of the specific ailment. Also, the age and general health of the patient and nutritional level plays a role.

Disease Conditions That May be Helped:

Feline

Abscess
Chronic Inflammatory Bowel Disease
Feline Hyperthyroidism
Feline Skin-spinal Reflex
Feline Neurodermatitis
Endocrine Alopecia
Miliary Eczema
Kidney Disease
Feline Lower Urinary Tract Disease
Megacolon
Pyorrhea

Canine

Canine Hip Dysplasia Syndrome
Canine Idiopathic Epilepsy
Chronic Inflammatory Bowel Disease
Cushings Disease
Hypothyroidism
Progressive Degenerative Myelopathy
Urinary Incontinence