Frequency-specific Low Level Lasers

and the Canine Competitor

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Having practiced veterinary medicine for nearly 20 years, I recognized early on the inability to truly heal an animal through allopathic care alone. It was clear that I needed to look for other ways to heal if I were to improve the quality of care for my patients. I learned the animal adjusting technique, veterinary orthopedic manipulation (VOM), and suddenly my professional life turned around. I found that I was able to return a greater quality of life to the animals in my care than I ever had before. This naturally led to other methods of healing, such as acupuncture, massage, and homotoxicology. Along the way, the goal of my search was to find ways to heal better, and for longer, as well as deeper and faster.

The most recent addition to my veterinary toolbox, frequency-specific low level laser (FSLLL), has brought a whole new exciting level of care to my patients. It has provided a way to improve health when all other modalities have reached their limits.

Light As a Means of Communication in the Body

Many years ago, it was discovered that the brain communicates with the body's cells using light. This happens naturally in the body every minute of our lives, but as stresses, injury, toxins, disease, poor diet, and even genetics and aging take hold of our bodies, these tightly controlled communications begin to fail as the tissues change right down to the DNA. The laser (light amplification by stimulated emission of radiation) 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 to direct all aspects of healing, growth, regulation of metabolism, and general cell survival.

The first step in healing is always to properly feed, detoxify, and restore neurologic and vascular balance to the body. But now we can rehabilitate any poorly functioning cells back to their optimal function, and get to an even higher, sustained level of health. The true "magic" to healing is to combine the right modalities for each individual, based on details of his health, life, and history. No one therapy is the cure for everything, but FSLLL is close.

Having learned the single coherent light wavelength at which the body communicates (635 nm), and having mapped out the specific frequency at which each tissue "pulses," the FSLLL allows us to dial into the body's natural communication process. This artificial production of the cell's natural wavelength and frequency gives us the ability to emulate the exact methodology that the cells themselves would use in their own healing process.

We are all familiar with DNA as shown on crime shows (little strands laid out in rows); in the living cell, the DNA more resembles a ball of yarn. The strands on the outside are accessible and can be replicated to make the products that serve the purpose of each cell. This might be coding for insulin in a special cell in the pancreas, or for a protein to build cartilage, bone, or muscle. Whatever it is, it is the reason that cell exists.

If metabolic or toxic stresses act on the DNA ball, the individual strands can be rotated in relation to the others, changing the available surface strands. This cuts off the production of that cell, thereby producing disease or dysfunction of the tissue. This disease or dysfunction grows as more and

more cells go through this transition. By bombarding the cells with the exact wavelength at the correct frequency for that tissue, we can return the DNA ball to its original structure, re-establishing production and balance to the cell, the tissue, and the body as a whole.

Uses of FSLLL for Performance Dogs

For our performance dogs, minor injuries always need to be overcome, whether mild muscle soreness and jammed toes, or strains and sprains. More significant injuries, such as anterior cruciate injuries, intervertebral disc disease, and fractures, must be dealt with immediately with full recovery to return the animal to competition as quickly as possible. FSLLL can aid the body's healing potential exponentially, enabling performance dogs to compete during minor injury recovery and heal from more significant injuries more rapidly.

The true value of FSLLL to the top performance dog lies in its ability to maximize peak functionality at the cellular level, which enables the dog to perform at a much higher level than otherwise. Normally, the body's cells take turns working, with approximately 60% of cells working while 40% are resting and recovering. The FSLLL enables the body to maximize the recovery during rest so that, when asked to perform, 100% of the cells can work toward the function currently required. This extra amount of functionality can add a huge advantage to that performance dog over his competitor. This has been long proven in human competition, with great athletes using this therapy to maximize their performance ability.

Using these known factors of wavelength and tissue frequency, we can rehabilitate the cells involved in an injury or maximize function by "energizing" the body with the correct frequencies. So the stifle ligament strain or the torn anterior cruciate ligament gets beneficial laser healing by rehabilitating each different cell involved in the injury. This would include healing direct injury to vascular, ligament, tendon, and muscle tissue, while aiding the immune system with diminish-