

Posted 11/20/2009 9:01 PM CST

Last week, little Baby, a seven month old Chihuahua puppy, had surgery to repair two broken legs and a fractured pelvis.

Post Surgery: Baby, the Chihuahua, Gets A Hospital Visit

As I was discussing Baby's after care with Dr. Garza (713-695-0088), he mentioned that Baby would really benefit from cold laser treatments--something he would like to start doing in his own clinic. He said that it would help reduce Baby's pain and swelling and speed up healing time.

As Dr. Garza was explaining how great the cold laser's were, I remembered that I had a business card in my pocket with a local vet's name who is now using the Erchonia Laser!

By coincidence, just days, I had been searching for a few things that I use for different animal health issues at a very interesting local health store (Health Mart, Sawdust Road, The Woodlands, TX 281-367-0002).

When I was done exploring the store, I stopped to discuss some new story ideas that would help animals/owners/rescues. The owner of the store, Cheryl, handed me her husband's card--and wrote "Erchonia Laser" on the back of it--I knew Dr. Kainer but this laser was new to me.

Cheryl told me that Dan (Dr. Kainer) was now using the cold laser in his practice. What amazes me, is that who could have possibly guessed, that the following week he would wind up helping Baby--a dog that had not even entered our lives yet!

I had entrusted Dr. Garza thus far with Baby's care--he saved her leg and she is up and walking just days after surgery--so I would trust him again. If he thought the cold laser therapy would make such a big difference to Baby, we could make it happen!

Baby Goes Home

With a long, healing journey ahead, Baby was released into my care with instructions--she needs muscle stretching and some minor physical therapy that I can do at home. It will take about two months for her to heal. She has lots of stitches on both sides, two staples and internal pins all holding her together.



Pepe and Maria say good-bye to Baby...



Veronica and David also helped to care for Baby. She is very loved and well cared for.

Baby needs hot and cold packs to reduce swelling--one knee and one hip were particularly swollen. She also need three medications several times each day for pain control and antibiotics.



Baby is just a ham. She is giving a last look at the friendly Rottweiler in the cage under hers--and a last growl. She was the littlest princess of the clinic.



Dr. Garza also said good-bye to Baby. He will continue to see her for ongoing care. Her next visit would be in ten days to look at all of her stitches and staples (maybe they will come out!)

The pins he used to hold her broken bones together should be permanent--but Doc explained that as her body healed, they may get pushed out of the bones and out through the skin--and will need a procedure to remove them. (I have dealt with this type of injury and surgery before--and so am very prepared.)



Baby's new crate is in the middle of my master closet. She has to be kept away from other dogs so she doesn't get excited and run or jump. I sit on the floor and play with her. (She loves Dingo bones, too!) For her exercise, we started walking around her crate several times in a row...

In just days, she can walk around and around and around the crate--and goes off and explores my bathroom, too! (There is a baby gate in the doorway keeping any of her would-be friends at bay. Bunny, Poppy and Jade seem to most interested in forging friendships.



This tiny girl took a giant rawhide flip out of my hand--meant for Big Mandy, the Saint--and went to town chewing on it. She still has some baby teeth to move out.

Baby's First Cold Laser Treatment



Since the healing stitches are itchy--and animals will pull them out given the chance--Baby has to wear an e-collar when she is in her crate or spending time resting. I take it off when we are playing and doing her exercises and walking.

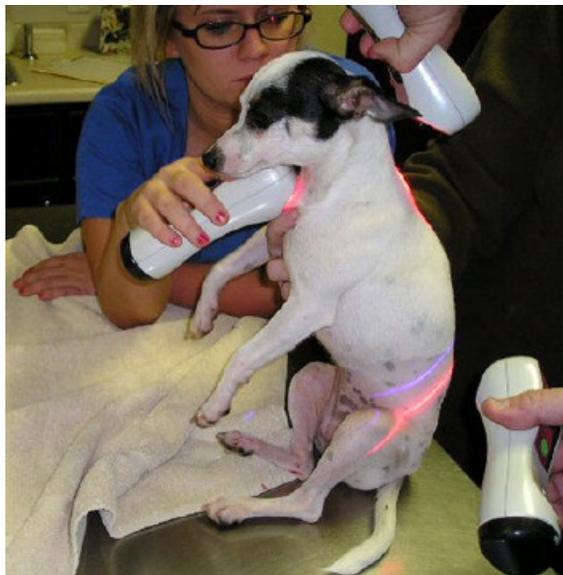


Dr. Dan Kainer, and his vet tech, Lacey Lee, begin to treat Baby with the cold lasers. They used three hand-held devices--one held mostly on her Thymus (in the front) to stimulate healing and two on her injuries...

The following excerpts are from www.vomtech.com:

What is a Cold Laser?

"Veterinary Cold Laser Therapy (VCLT) developed by William L. Inman DVM, CVCP, is the culmination of over twenty years of experience and application of healing technologies using a non-cutting or "cold" lasers on human beings and animals. This author has seldom seen a technology as valuable and inspiring, as this particular technology appears to be. Suffice to say you are witnessing the emergence of a completely new age in healing and certainly a total paradigm shift in veterinary health care..."



Baby had two sessions of Cold Laser therapy on the first day. I held her for the first session and Mike took over for the second.



Isn't she cute...?

"Laser light then communicates to the cells on a very basic and powerful level. The nature of the laser light has several facets:

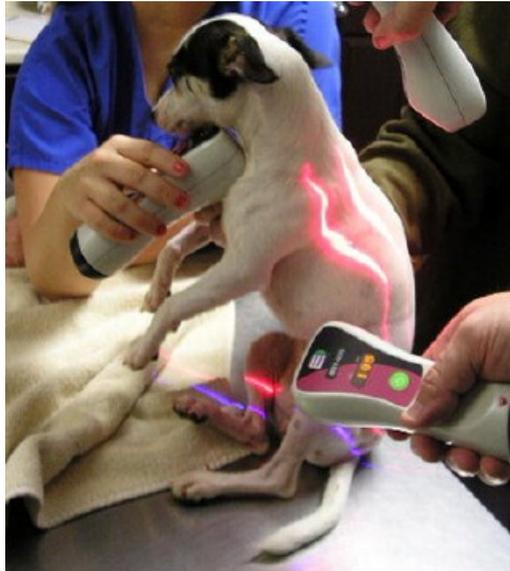
1. **Wavelength:** the actual wavelength of the light corresponds to how much distance the wave of light is from crest to crest. Such a distance (635 nanometers) is the length of light we are interested in and falls within the red band of visible light.
2. **Coherency:** light can radiate like the Sun's light or it can be arranged due to stimulated emission via simultaneous excitation of electrons to higher atomic levels and their immediate retroversion back to a lesser level giving off exacting quanta of light at the same wavelength at the same time and orientation, or coherent.
3. **Power:** the amount of force or power delivered to a particular area with laser light is also dependent on the nature of the retroversion above and the amount of atoms artificially elevated to an unstable state and then allowed to degrade giving off coherent laser light. This is commonly evaluated in Joules/square centimeter and in many devices for medical therapeutics, is often too high.
4. **Frequency:** this is the turning off and on of the laser light per unit time, in this case pulses per second. The laser can be beneficial if shown continuously but has been proven to be able to "speak" to specific tissues and organs if modulated with specific frequencies. Without varying frequency ability, laser equipment can be only partially effective. A number of early lasers were found to give results but could not "speak" to specific tissues with these exacting frequencies so they were only marginally effective. This is why lasers therapy has not become a "big deal" until now. Also these devices in order to try to make them more effective their power in milliwatts were increased which at first appeared to make them work faster but they also would cause harm and negate the healing that they would do."



The laser therapy is very pretty to watch--and fascinating. As the lasers are moved into different positions, you can see where they are working--which areas they are working on to heal, decrease pain and/or swelling.



Dr. Dan is working on Baby's pelvis--she is not in any pain and did not have to be sedated. She was very relaxed for the whole procedure.



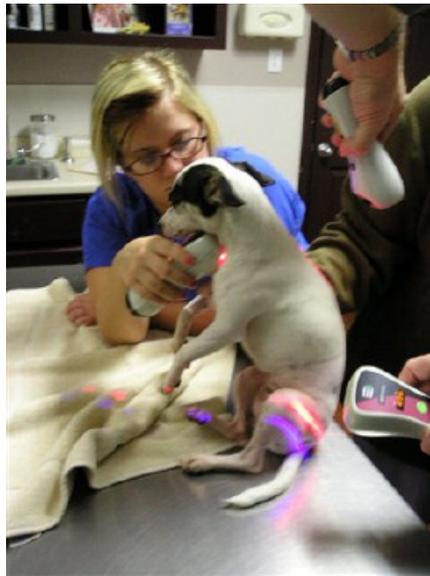
The lasers are targeting not only the [Thymus Gland](#) but also the spinal cord and bones for expedited healing--they help the animals heal up to three times faster than just natural healing alone.

More on the Cold Laser from www.vomtech.com:

1. Effects at the cellular level: the reduction of Reactive Oxygen Species (ROS) is a major effect of the laser light. It has been proven that the light at the proper wavelength repairs mitochondrial DNA (mDNA) and messenger RNA (mRNA), used to support and direct maintenance and metabolism in the cell. (Please see enclosures in the addendum of this work that can explain these effects better than I need to at this point).
2. Effects at the organ level: these effects are seen as the culmination of the combined effects of the rehabilitation of the cells and connective tissues repaired by laser light. As the cell heals, proper metabolism ensues and the organ resumes proper function.
3. Effects at the symptomatic level: in the case of animals we would say at the level of clinical signs but the resumption of proper organ function will then reduce signs/symptoms that were the hallmark of the disease process and are a barometer in the evaluation of the healing process.
4. Effects at the therapeutic level: then as the organs heal, the sign/symptoms resolve we see the organism heal.



Cutie-pie Baby is giving Lacey kisses to thank her for helping her. Baby does indeed seem to know that we are helping her.



The lasers were held on this joint--this is the point that had the protruding bone. Baby has a big row of stitches on the inside of this leg as well as two staples in her "ankle" area.



Baby was so patient--trying to hold the positions that Dr. Dan needed to hold the lasers on.



The lasers are on another surgery site--there are lots of stitches on the outside of this hip and leg.

The different modes of use--(it seemed to me like a combination of these were being used on Baby):

1. Continuous or static application: this mode involves placing the light over a point or points and pinpointing the therapy to one exacting location. This method was first used in laser application and requires the point laser to be directed to the exact foci. It is more tedious than other modes.
2. Motion or “flick” application: this mode allows the user to move the device in the more general area of the specific laser site and can be lightly “flicked” over the general area which allow a lot more leeway in the therapy. This application technique requires a very efficient lasering device that can deliver its effects with such a method. This mode is usually not possible with “dot” or “point” lasers as their energy is too closely focused to make such motioning hit the site adequately.
3. Pulsed laser application: this is of course the current preferred method as it allow us to program a specific frequency of laser light that will “communicate” with

specific cells, organs, and tissues. This communication enhances our success at least ten-fold.



All done with her back-to-back sessions, Baby is very relaxed with Dr. Kainer. In the middle of the session, as the lasers were stimulating her body to heal, there was a sudden release of blood and fluid from the wound that is stapled--the one that had been infected. That was very interesting to see. I knew then and there that something good was happening!

More about how this laser works:

"It is important to remember that the light from the Sun diverges and is not coherent. It does not penetrate the body well and is of unlimited wavelengths. A photon of coherent light is smaller than an electron and if we revisit our atomic and molecular theory, we are reminded that to shoot something as small as a photon of light through a large, thick solid thing such as the body, it would be like shooting a bullet through a sparsely treed forest. Eventually we would hit something but we would easily penetrate deep into the forest before we ran into something..."

This is why we are able to deliver laser light deep into the tissues of even the thickest areas of the equine and bovine. You will notice that the treatment times for similar disease conditions, using the same frequencies are longer for the large animals than the dog and the cat. This reflects this phenomenon but in now way reduces or occludes our ability to effectively treat these "deep" tissues."

Can This Laser Help Bunny?



We brought Bunny along to see if Dr. Dan thought he could help Bunny. Since the physical rehab center she was going to, feels that they did all that they could to stretch her, I have been looking for another alternative. I am determined to see her legs touch the floor to steer her wheelchair!



Bunny and Baby became friends while waiting to be treated. Bunny's front legs are in contractures from surviving distemper, and being hit by a car, when she was three weeks old.

Dr. Kainer is willing to try the cold laser therapy on Bunny, too. His approach will be different--he is going to focus on healing her brain tissue and spinal cord (from the distemper)--which may then help her control her muscles better. She will be going to therapy with Baby.

Next week, Bunny and Baby will have two treatments a day for three days--and then will go to laser therapy twice a week after that for six to eight weeks. The treatments need to be at least an hour and fifteen minutes apart for the body to be able to handle the frequencies.



To read more about the Erchonia laser, go to www.erschonia.com

Other Applications of the Erchonia Laser?

Dr. Kainer said that he has seen success with animals with a prolapsed disk in their backs. Perhaps avoiding surgery, the lasers reduce swelling, helps with pain and stimulates healing. Sometimes just two treatments makes a huge difference.

Seizures, epilepsy, skin allergies...stimulates kidneys to heal, helps with nerve regeneration--and in fact, Pasha, our other special needs dog who is just starting to walk after having her spinal cord severed, may get a healing boost with this therapy. There is a long list of conditions that can be affected and even cured with the Erchonia Laser--you can view the list on the www.vomtech.com website.



With each animal, new lessons are learned. Two weeks ago, I had never heard of this laser and did not know about all of the orthopedic options available to help repair bones. This is an amazing journey. I hope by sharing our experiences with each of the animals at the Rescue Ranch, that you, too, learn and can help another animal--whether it be your own or a rescue.

Don't forget, I also write a daily blog on the Rescue Ranch website.

www.firststop-laststop.com



Thanks for stopping by, for listening and for caring.
Especially for caring.

Jane

www.chron.com/rescuevolunteer

Please pass this on to someone else who cares.
The more people we can reach,
the more animals we can save--and help.

For More Information: Contact Dr. Kainer

Kainer Veterinary Clinic
Dan Kainer
281-367-6800

(Note: There is an account set up under "Kitty City Ferals" if you feel inspired to sponsor a session--or any part of a session--for Baby and/or Bunny. They can take credit cards over the phone.)

Cost

\$50 per session--with a twenty percent rescue discount (\$40 for each session for Baby and Bunny. If we have sponsors to help, I would like to start Pasha on this therapy as well.)

Appointments are needed. In the Houston area, Dr. Kainer has two offices in the Houston, TX area--one in The Woodlands/Sawdust Road and the other is on 1488 in Conroe.

Live Out of The Area?

For a list of VOM practitioners: <http://www.vomtech.com/practitioners.htm>