



Pet News

Psychotropics Animal Health Division Publication

pil

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Volume 2

From the Editor's Desk.....

Dear Veterinarians,

Here comes the second edition of PIL Pet News. It is a delight to share that the first edition on "Management of Diabetes in Dogs" was much appreciated by our readers.



Today, people are becoming more sensitive to pet healthcare. Consequently, treatments for pets are also improving. As we were gathering information about new developments in the animal health industry, we learnt about the use of laser therapy in treating various ailments in animals.

Yes! Laser treatments are no more restricted to humans. They are being widely used by veterinarians in the West for treating various conditions such as muscle, ligament and tendon injuries, arthritis, back pain, fractures, hip dysplasia etc. The use of laser treatments in animals is extended beyond bone and joint treatments to treat conditions such as otitis, gum diseases and skin infections as well.

Through this newsletter, PIL is making an effort to keep veterinarians updated with issues related to companion animals and to benefit the veterinarians in some way. I hope you find the second edition of PIL Pet News interesting and informative. We will keep returning with more. Till then, Good Bye!

Geetika Rao

Business Development Executive
PIL Animal Health Division

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- The Laser Theory
- Laser Applications
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- Deworming of dogs



Laser – The Little Known Technique that Heals Your Pet Without Surgery or Drugs

The L.A.S.E.R. Theory – What it is and how it works

L.A.S.E.R. or Light Amplification by Stimulated Emission Rays is a means of directing concentrated light at regulated wavelength to organs, muscles, tissues etc.

Laser therapy is similar to the process of photosynthesis where plants absorb the energy in sunlight and use it for growth. Similarly, body cells absorb the energy in laser light (bio-photons) and use it for repair. Light stimulation gives extra energy to cells and increases their metabolism. Therefore cells heal faster.

Laser therapy is a natural form of healing. Lasers work through a process called photobio-stimulation, which means biostimulation with the use of photonic energy. Bio Stimulation is the stimulation of a system's existing bacteria in a way that they have remedial action.

Rx

DERMOSOL

Shampoo

Safe, Natural & Effective

Anti fungal

Anti bacterial

Neem : Antimicrobial action, keeps hair shining

Sulphur : Relieves itching and acts as a cleanser

Puppy Safe
Shampoo





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Cont. from page 1

The photonic energy in the light of laser:

- Triggers a photochemical reaction in the cells
- Increases production of cell food (ATP or Adenosine Tri-Phosphate)
- Enhances circulation at the directed site

This in turn speeds up cell repair and regeneration. This is how laser therapy accelerates recovery from various ailments.

With laser, no drugs are involved. The pet need not be sedated. Also, there is no requirement for hair clipping or cutting into the skin making laser a non-invasive and a drug free treatment.

Laser Therapy Applications

Laser therapy is used in veterinary field for pain management, wound healing and reducing inflammation and swelling.

To enlist, laser therapy is currently being used for the following:

- Ear and gum Infections
- Skin wounds like abscesses, hot spots, lick granulomas etc.
- Anal gland infections
- Neck and back pain
- Fractures
- Post-surgery pain, healing and rehab
- Muscle, ligament tendon injuries
- Arthritis; degenerative joint diseases like hip dysplasia
- Neuromuscular diseases
- Certain GI, urinary and respiratory conditions

Use of laser therapy is expanding

The use of laser has been increasing and it is estimated that about 20% of veterinarians in North America were using laser therapy in 2012 and the number is continuously rising. In addition to treating dogs and cats, therapy lasers are also used to treat small birds, reptiles, pocket pets etc.

Laser therapy is used in conjunction with other treatments such as medication, vitamin supplements etc.

Here are a few case studies to illustrate the scope of conditions where laser therapy can be used.

Source : <http://www.veterinarypracticenews.com>

CASE STUDY 1

Problem: Lick Granuloma of several years on right limb
Patient: Mix, 5 yrs, F, 22 Kgs
Treatment: Class IV Laser 3 times a week for four weeks, then two times a week for four weeks
Result: After two weeks of therapy, dogs stopped licking. Pre and post measurement of lesions was as under :

	Width	Height	Depth
Pre (cm)	3.5	5.0	3.5
Post (cm)	2.5	3.0	1.5



Before Laser Therapy



After Laser Therapy

CASE STUDY 2

Problem: Chronic Otitis Externa. Severe swelling blocked the ear canal preventing any diagnostics
Patient: Jack russel Terrier, 2 yrs, M, 10 Kgs
Treatment: Use of Class IV therapy laser a single time to reduce pain & swelling along with oral prednisone & topical cleanser.
Results: Topical treatment was possible one day after giving laser therapy. After five days of treatment, edema, swelling, pain and discharge were markedly reduced and patient tolerated bilateral digital video otoscopy of entire ear canal.

Before Laser Therapy



After Laser Therapy

Prevents Infection & Cleanses Thoroughly



Rx

Pet Shield

Shampoo

Available in 200ml & 500ml

Skin Friendly Gentle Shampoo for General Disinfection

With Aloe Vera





Laser Therapy: Frequently Asked Questions



Q. What kind of laser therapy is used for canines?

A. Cold Laser therapy is used for canines. It is also called Class IV or Low-Level Laser Therapy (LLLT). Cold Laser means use of low level or low intensity of laser light. Like hot laser, cold laser does not heat the tissues. While cold laser therapy is used for pain relief, hot laser (high intensity laser) is used to cure cancer, burn tumors etc.

Q. How many sittings are required for laser treatment?

A. The number of sittings depends upon the severity of ailment. Some conditions respond in one or two treatments, while sometimes it may take up to fifteen sittings to recover.

Q. Is it painful for the pet?

A. No, laser therapy does not hurt. Rather, it is very relaxing for the pets and most pets fall asleep during the sessions.

Q. Are there any side effects of laser?

A. When properly used, there are no side effects of laser. However, it should not be used over any suspicious cancerous lesions as it stimulates growth and cannot differentiate between healthy and cancerous cells. It should also not be used on thyroid gland, pregnant patients or near the eyes. The vet and the pet should use protective eyeglasses to avoid any eye exposure.

Q. Is laser therapy an independent treatment?

A. No, laser therapy is to be used as adjunctive therapy along with other therapies like nutritional supplements, homeopathy, exercise etc.

Cold Laser therapy is a low intensity laser, which is a painless, non-invasive and a relaxing treatment.

DID YOU KNOW?

✓Amputation of dog's tail dates back to A.D. 4 when it was believed that tail docking prevented rabies.

✓Dogs can smell 1000 times better than humans. Humans have 5 million smelling cells while dogs have 220 million. The part of the brain that interprets smell is also 4 times larger in dogs than humans.

Are you already using laser therapy?

If you are already using laser therapy or know of any veterinarian using laser therapy, let us know at petnews13@gmail.com and we shall put it in our next newsletter!

Also, do send us your feedback on what you think about laser therapy in pets? Would you be interested in bringing it to your clinic? Why yes or why not? We would put your answers in the next newsletter and enable veterinarians across the country gather each other's opinion on latest pet issues!!

Write to us

You can also send in your article along with your picture and name at petnews13@gmail.com Alternatively, you can also post to us at :

SCO No. 10-A, 1st Floor, Sector 58, Shahi Majra, Ajitgarh, Mohali

We would be happy to publish!!





Rotation of Dewormers



Deworming drugs designed to combat parasitic infection may no longer be working as they should. Research has shown that the over use of oral dewormers is fueling parasite resistance to tried and true drugs, some that have been in use for long time.

Using the right products at the right time is key “Not just for good parasite control, but also when managing parasite resistance.”

For the most effective parasite control, strategic programs and the products used to be tailored to the objectives that fit the motto.

Why Rotate?

If we use the same dewormer repeatedly, the parasite either becomes extinct or they learn to eat the dewormer. Parasites have been around since dinosaurs, so chances are they are not extinct. You need to rotate dewormer families. Using more than one drug class during the year is encouraged since there is no one class of drug or single dewormer that can or should be used exclusively for a prolonged period of time.

Targeted strategies can help keep worms load manageable. And fecal egg count monitoring must be part of all deworming programs.

Ingredients	Large Roundworms	Hook-worms	Tape-worms	Whip-worms	Heart-worms	Min. Age/ Weight of Pet
Pyrantel pamoate	✓	✓	✓			2 wks
Praziquantel			✓			2 wks
Praziquantel, Pyrantel pamoate, Fenbendazole (WOMNIL PET)	✓	✓	✓	✓		3 wks & 2lbs
Ivermectin (PETMECTIN)					✓	6 wks
Fenbendazole	✓	✓	✓	✓		6 wks
Ivermectin/Pyrantel/Praziquantel (PETMECTIN PLUS)	✓	✓	✓		✓	8 wks

PIL Brands Covers all Type of Worms that Infest Pets Without the Chances of Developing Resistance

WOMNIL PET
Tablets/Susp.

Praziquantel 50mg + Pyrantel Pamoate 144mg
Fenbendazole 500mg



PETMECTIN
Tablets

Ivermectin Mouth Dissolving 10mg Tablets



PETMECTIN Plus
Tablets

Ivermectin 2mg + Pyrantel Pamoate 50mg + Praziquantel 50mg



Effective Against all stages of Parasite Life Cycle

For Further Information Please Contact :



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