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LASER THERAPY

Laser therapy is the application of laser or polarized light over injuries and lesions to stimulate healing within those tissues.

Laser therapy is used to:

- Increase the speed, quality, and tensile strength of tissue repair.
- Resolve inflammation.
- Give pain relief.

How Does It Work?

The effects are photochemical (not thermal). Bundles of light energy (photons) enter the tissue and are absorbed within the cell (in the mitochondria and at the cell membrane). The photonic energy is converted to chemical energy within the cell, in the form of ATP. Cell membrane permeability is altered, and physiological changes occur.

These physiological changes affect macrophages, fibroblasts, endothelial cells, mast cells, bradykinin, and nerve conduction rates.

Laser therapy is quick, low-risk, and non-invasive, and is used for:

Wound management:

- Open wounds
- Ulcers
- Pressure sores

Soft tissue injuries:

- Back pain/injury
- Tendonitis
- Sprains and strains

Joint conditions:

- Capsulitis, bursitis
- Joint strains
- Arthritis

Stimulation of Acupuncture Points:

- Along meridians
- Adjunct to Veterinary Orthopedic Manipulation (VOM)