veterinary technology for life

Eickemeyer®

BLUE LIGHT THERAPY FOR ANIMALS

A natural, non-invasive method to support your pet's health and healing.



Healing begins with light

1. OVERVIEW

Blue light therapy (also known as photobiomodulation) uses specific wavelengths of blue light to stimulate cell activity, reduce inflammation, relieve pain and promote tissue repair. It is a safe, non-invasive and drug-free therapy used primarily on dogs and cats.

- **Non-invasive & safe**
- **Drug-free**
- **Supports natural healing**

2. INDICATIONS

Blue light therapy may be helpful for:

- **Skin conditions (e.g. wounds, dermatitis, acne)**
- **Joint pain and arthritis**
- **Post-surgical recovery**
- **Muscle injuries and soft tissue damage**
- **Ear infections (in some cases)**
- **Dental and gum health**
- **Wound healing and tissue regeneration**

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3. TREATMENT PARAMETERS

Wavelength

Blue light:
415 – 470 nm
(typically 450 nm)

Duration

Per session:
5 – 15 minutes
(depending on the condition and the size of the animal)

Frequency

Usually **3- to 7 times a week**
(acute conditions may need daily sessions, chronic conditions may need long-term use)

4. CONTRAINDICATIONS

Not suitable for:

- ✗ Known photosensitivity (e.g. certain medications or skin deseases)
- ✗ Active tumours (in the treatment area)
- ✗ Pregnant animals (particularly in the abdominal area)
- ✗ Severe eye deseases (avoid direct exposure of the eyes)
- ✗ Open bleeding or uncontrolled infections (in some cases)

5. SAFETY INSTRUCTIONS FOR USE

- ✓ Use the correct wavelength and a device designed for veterinary use.
- ✓ Maintain the recommended distance (usually 5–20 cm).
- ✓ Protect your animal's eyes (avoid direct exposure).
- ✓ Ensure that the skin is clean and dry before treatment.
- ✓ Monitor your animal's reaction and stop treatment if signs of discomfort.
- ✓ Never use on broken skin without veterinary advice.

Protect the eyes | **Keep a safe distance** | **Monitor the reaction**

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