



MedcoVet Luma 101 Version C - User Manual

Contact us at: Support@MedcoVet.com or at (408) 663-5351



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1. Warnings and Contraindications

1.1. Warnings

WARNING: ALTHOUGH THE LUMA IS CERTIFIED EYE SAFE WITHOUT THE NEED FOR PROTECTIVE EYEWEAR AVOID POINTING THE LUMA AT A PERSON'S EYES.

WARNING: THIS DEVICE IS INTENDED FOR VETERINARY USE ONLY. THIS DEVICE HAS NOT BEEN CLEARED FOR HUMAN USE.

1.2. Contraindications

Before using the Luma Device, please notify your veterinary care provider if your pet has been diagnosed with any of the following conditions:

- **Pregnancy**
- **Cancer**
- **Hemorrhage**
- **Active bone growth (seen in growing animals)**

Or if you are treating:

- **Testicles**
- **A location where medication is injected locally**
- **Thyroid gland**

2. Parts Identification

1. Power Button / Set Time Button
2. Start/Stop Treatment Button
3. Low Battery Indicator
4. Bluetooth Connectivity Indicator
5. Error Indicator
6. Device Charging Indicator
7. Optical Comb
8. Attachment: Plastic Spacer - Front end
9. DC in Jack (not shown)



3. Operating Instructions

3.1. Charging the battery

Before usage, connect the AC adapter power cord to a wall socket. Connect the DC plug of the charger to the DC in jack of the device (No. 9).



The charging Indicator Light (No. 6) will blink during charging. When battery is fully charged the charging light will stop blinking and stay on, until disconnected from the AC adapter.

IMPORTANT!

ONLY use AC adapter supplied with the Luma device for battery charging.

Treatment is disabled while the device is charging.

The Luma device contains a rechargeable battery, which should be replaced only by MedcoVet service. Replacing the battery may damage the Luma device

3.2.Treatment



- The Luma device can be used with or without the spacer attachment.
- For surface wounds that exude liquids, snap the spacer front end (No. 8) onto the device. You will hear a click when the spacer is in place. For all other conditions, use the device without the spacer and gently work the comb (No. 7) into the fur so that it sits as flush as possible to the pet's skin

3.2.1.Contraindications

Before treating, please notify your veterinary care provider if your pet has been diagnosed with any of the following conditions:



- Pregnancy
- Cancer
- Hemorrhage
- Active bone growth (seen in growing animals)

Or if you are treating:

- Testicles
- A location where medication is injected locally
- Thyroid gland


3.2.2. Before using the Luma Device

Before using the Luma Device review the MedcoVet Safety Video at [MedcoVet.com/LumaSafety](https://www.MedcoVet.com/LumaSafety)

Only operate the Luma in a warm and dry environment (0-35°C). If the Luma has been stored at a temperature outside of normal operation, allow the Luma 20 minutes to acclimate to a normal operating temperature.




3.2.3. Treatment Instructions

Please refer to the image below. If you have any questions, please contact your veterinary care provider or email support@medcovet.com.




Thank you for choosing MedcoVet!

Get started with your Luma here.

- 1 Turn on the Luma**
Press and hold the **power button** 
- 2 Add treatment time**
Press the **power button**  once to add 30 seconds of treatment time (up to 3 minutes)
- 3 Locate the point**
Place the Luma device on the treatment point on your pet, as described by your clinician
- 4 Start treating**
Press the **illumination button**  to start the treatment

Visit [MedcoVet.com/newuser](https://www.MedcoVet.com/newuser) for videos and user manual





WARNING: ALTHOUGH THE LUMA IS CERTIFIED EYE SAFE WITHOUT THE NEED FOR PROTECTIVE EYEWEAR AVOID POINTING THE LUMA AT A PERSON'S EYES.

WARNING: THIS DEVICE IS INTENDED FOR VETERINARY USE ONLY. THIS DEVICE HAS NOT BEEN CLEARED FOR HUMAN USE.

3.2.4. Power Off

To Power Off, Press and hold the Power Button (No. 1). A short beep will be heard when the power is turned off. The Luma device also shuts off on its own after a minute of inactivity.

4. Device Indicators (Part Numbers 3-6)



Remaining Time	The green LED lights around the power button indicate how much time is remaining in treatment.
Low Battery	Low battery power. Charge the device's battery immediately to ensure normal operation.
Bluetooth (BT)	Device is paired with the Luma app via Bluetooth
Error	Device is malfunctioning. Connect the app to share the issue with MedcoVet support or email support@medcovet.com for further assistance.
Charging	When blinking, device is charging. When on continuously, the device is fully charged.

5. Troubleshooting



If the Error indicator is illuminated, the Luma is malfunctioning. Please contact support@medcovet.com.

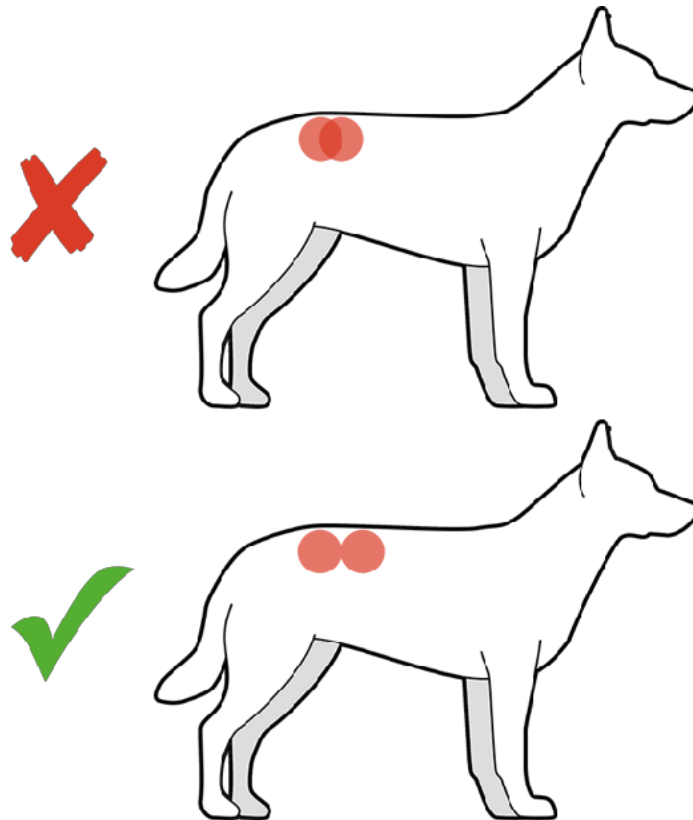
6. Treatment Instructions

6.1. Treatment technique

Prior to using the Luma, watch the treatment overview video included in the app or on the MedcoVet website. Make sure that the comb is gently massaged into the fur and sits flush against the area to be treated, so that the light exiting the comb reaches the skin. Also, be sure to apply slight pressure with the comb to improve penetration depth.

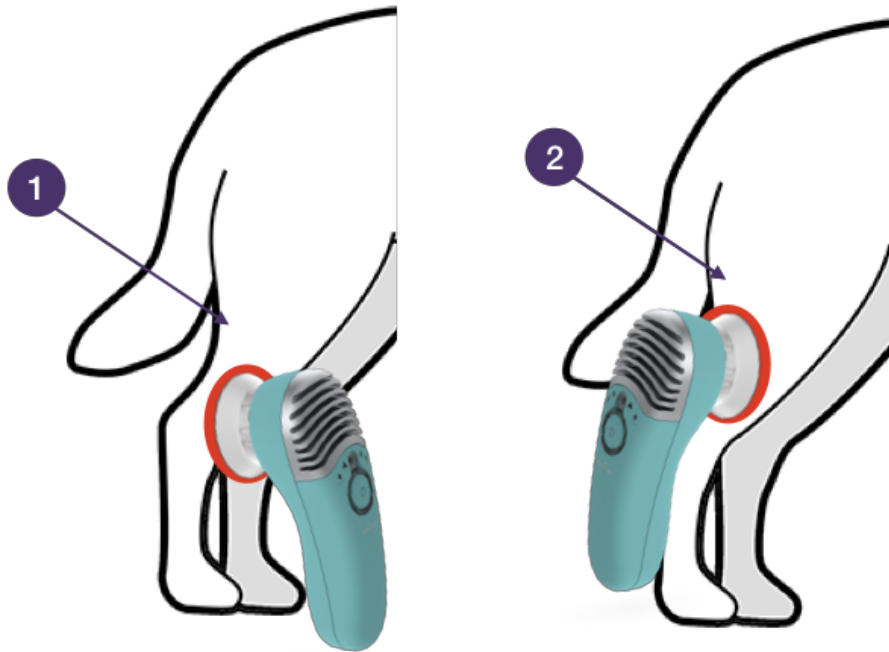
Treatment time will be prescribed by your veterinary care provider. Carefully follow the protocol instructions for where, how long and how often to treat.

For treatment areas larger than the device spot size, divide the treatment area into sections and treat each section separately. Choose sections that do not overlap and include both healthy and treatment skin in each treatment section.



An example of Luma irradiation:

1. Irradiation of a lick granuloma wound (the wound area is irradiated to cover the entire wound including the edges with an effort not to overlap)
2. Luma irradiation of a local lymph node.



7.IMPORTANT PRECAUTIONS

The Luma is classified as exempt group, or risk group 0, per the International Standard IEC 62471. This means that the device does not cause eye or skin damage.

However,

1- NEVER POINT THE LUMA AT A PERSON'S EYES, INCLUDING YOUR OWN.

2- IF YOU HAVE ANY CONCERNS ABOUT SAFETY, OPERATIONS, OR EVEN A SUSPICION THAT SOMETHING DOESN'T SEEM RIGHT, PLEASE DISCONTINUE USE AND CALL YOUR VETERINARY CARE PROVIDER.

3- THIS DEVICE IS STRICTLY FOR USE ON ANIMALS. THIS DEVICE IS NOT INTENDED FOR HUMAN USE.



8.Cleaning the Device

Make sure the Luma is turned off and unplugged prior and during cleaning.

The Luma should be cleaned monthly (or when noticeably dirty) with 70% alcohol wipes. Pass the alcohol wipe between the teeth of the optical comb. as needed.

9.Contacting Customer Service

If you have any issues or concerns about the Luma please email support@MedcoVet.com or call (408) 663-5351 (x102 for technical support) and we will address your concerns in a timely manner.

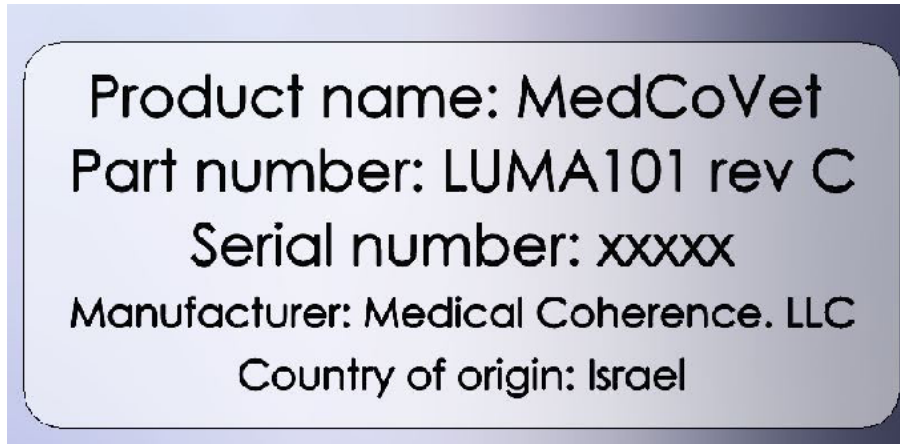
10.Warranty

MedcoVet guarantees the Luma from material and manufacturing defects for a period of two years from the date of purchase. The warranty applies when the unit is employed for normal home use, in compliance with what is outlined in this User Manual. In no case can MedcoVet be held responsible for any particular damages, inherent, direct or consequent to the purchase or use of this product or for costs higher than the original cost of the product. This warranty does not cover any damages due to accidents or improper use.

11. Device Labels

11.1. Manufacturers label

This label displays the manufacturer, model number, serial number, and regulatory compliance declarations



11.2. For Veterinary Use Only Label

This label displays a reminder that the Luma is intended for veterinary use only and is not approved for human use.





12. Device Specifications

<i>Dimensions</i>	<i>168cm x 58cm</i>
<i>Weight</i>	<i>320g</i>
<i>IR Wavelength</i>	<i>850nm</i>
<i>Red Wavelength</i>	<i>635nm</i>
<i>Total Power (Average)</i>	<i>1000mW</i>
<i>Aperture</i>	<i>43mm</i>
<i>Power Density</i>	<i>75 mW/cm²</i>
<i>Device Eye Safety Class</i>	<i>IEC 62471 exempt group</i>

13. Company Information

MedcoVet is the veterinary brand name of Medical Coherence LLC.

Address:

277 Fairfield Road
Suite 336
Fairfield, NJ 07004

Phone Number:

(408) 663-5351



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