



CONGRATULATIONS

Congratulations on your purchase of the Photonic Lights legLIGHT® from Caball Therapy Systems CTS. We hope you will enjoy the healing power of the Photonic Lights legLIGHT® as so many other users have experienced. Photonic Lights legLIGHT® has been proven to stimulate cells and energies, this represents a new era in healing and wound care. Photonic Lights legLIGHT® are handmade, nuances and differences may occur. Designed and innovated in Denmark.



A BRIEF HISTORY OF LIGHT THERAPY

The use of light therapy in treatment and healing is not a new concept - the Nobel Prize was awarded to Niels Ryberg Finsen in 1903 for his work with red light therapy for the healing of smallpox and lupus. During the 1960s, laser-based light therapy was used in many clinical and experimental settings and was responsible for major breakthroughs in non-invasive disease treatment.

A further breakthrough came in the 1990s when NASA began working on using LED-based light therapy devices for use in wound healing for astronauts, as wounds take longer to heal in gravity conditions. Their research paved the way for **Photonic Light's legLIGHT®** light therapy device, which takes the best of currently available therapeutic light therapy systems and combines them into one easy-to-use and portable healing system.

Many physiological processes depend on the light cycle. There are special photoreceptive molecules in our cells called cytochrome c oxidases, which are enzymes in the mitochondria's respiratory chain. Mitochondria are cellular organelles that provide cellular energy. Cytochrome c oxidases absorb light in the phototherapeutic window red and near-infrared spectrum, triggering a sequence of redox reactions on the inner mitochondrial membrane. The photobiological response of these primary mechanisms is evident in the photosignal transduction to secondary mechanisms that ensure several clinical effects: wound healing, improved blood and lymph circulation, regeneration and immunomodulation.

WARNING! USE ONLY THE CORDS, ADAPTER OR POWER BANK SUPPLIED WITH THE DEVICE. ANY OTHER POWER BANK AND ADAPTERS CAN DAMAGE THE UNIT AND ARE NOT COVERED BY WARRANTY.

Please note that the life of the power bank is limited. Battery capacity decreases when used. You can help preserve our environment by returning your used rechargeable power bank to a collection and recycling center near you. Visit <http://www.rbrc.org> for more information.

WHAT HAPPENS IN THE BODY WHEN THERAPEUTIC LIGHT IS USED:

Photobiomodulation (PBM) provides the organism with essential support to maintain the body's homeostasis. This is especially true for the red and near-infrared spectrum. Light contributes to maintaining or re-establishing the balance in the organism at even cellular level, where it acts as an antioxidant that helps protect cells against free radicals. It can affect the proteins that protect cells against degenerative processes. Increases the osmotic resistance of red blood cells and can prevent increased hemolysis.

It affects the growth factors in the nervous system and microvessels as well as muscle and connective tissue. Affects cell signaling, regulates inflammation, immune response and circadian rhythm.

It supports tissue regeneration, stimulates local circulation, and stimulates the lymphatic system.

Therapeutic light affects the mechanisms of disease occurrence and significantly shortens recovery time. It thus helps to reduce medical costs, since if possible the use of medicines can be reduced. Therapeutic light cannot replace a healthy lifestyle and medical treatment required for injuries or illnesses, but complementary effects have been proven. As such, it is not a substitute for veterinary examination. The illuminated area shows better circulation, cellular metabolism and energy production in cells is improved and the healing and regenerative effects on the tissue are stimulated. In the technical language, this form of treatment is called PhotoBioModulation (PBM)

FREQUENCY MODULATION:

Therapeutic lights can be modulated with different frequencies. **Photonic Light's legLIGHT®** is modulated with different frequencies that combine the properties of light with technically compatible frequencies that further stimulate the body's regenerative abilities and enhance the effect of light therapy.

These frequencies also help establish a healthy energy balance through meridian and acupressure points according to acupressure and acupuncture principles.

WHY DOES PHOTONIC LIGHTS LEGLIGHT® WORK?

Photonic Lights legLIGHT® produces therapeutic light with the most advantageous wavelengths, hence the shorter treatment times. Some of the protocols only take 5 minutes to use, once or twice a day.

The use of such highly effective PADs means that less treatment time is required to ensure good effect.

Photonic Lights legLIGHTS® design is based on the needs and feedback from our professional customers, who told us they needed a small, portable, easy-to-understand and easy-to-use light therapy device with a high-efficiency diode for quick and easy treatment of their horses legs. At the same time, the product must meet the horses anatomical structure and special needs.

Photonic Lights legLIGHT® contains 16 built-in treatment protocols designed for the most common conditions that have proven positive to be treated with light therapy for healing and wound management. All parameters necessary to treat, such as a chronic wound.

3 DIFFERENT TREATMENT METHODS FROM CTS

Today, there are several different ways to treat with PhotoBioModulation (PBM). We have chosen to divide it into 3 different groups so that you can more easily understand the difference between the three groups.

1. PHOTOPUNCTURE:

Photopuncture is acupuncture where light is used instead of needles. For photopuncture, a light therapy device with a focused beam is used to specifically activate energy points (aka acupuncture) along the acupuncture meridians. Research has shown that light travels along these meridians just as it does in fiber optic cables, opening and balancing the flow of energy. Photopuncture is usually performed by applying red light directly to the skin above the point for 15 – 180 seconds per point, depending on the power of the device.

This allows us to activate the acupuncture point in a very short time, which results in us being able to use light to reduce pain and inflammation.

Our Photonic Lights P-Pen RED and GREEN, is the only product on the market with both normal and ULTRA FOCUS strobe, which makes it easier to treat only one point at a time, treating small animals and hard to reach places. Photonic Lights P-Pen GREEN, has shown good results on headaches and migraines.

2. HANDHELD SYSTEMS:

Are powerful hand-held devices with high power and short treatment time as well as high radiation effect (irradiance) 330mw/cm². Photizo Vetcare® has a one-touch system with pre-programmed, effective doses of near-infrared LED light for the treatment of pain and similar inflammatory conditions.

Photizo products ensure precise and simple dosing of the right amount of joules/doses for the desired area. Treatment area up to 5 cm with the Close Contact method and treatment doses from just 31 seconds.

3. PAD SYSTEMS:

The reason why Pad systems have become very popular in a short time is the simplicity. You can treat a large area without even having to hold a handle. Our pad systems have a lower illumination effect (irradiance) mw/cm² than the hand-held systems, as you treat larger parts of the body at once, thus achieving a very good effect.

THE EFFECT OF THERAPEUTIC LIGHT THERAPY:

All compromised cells, whether epithelial, dermal, nerve, mucus, bone or muscle cells, will greatly benefit from Photonic Lights legLIGHT® therapy. More and more studies are being conducted into the effect of light therapy on cell growth and its regulation. Light therapy with the Photonic Lights legLIGHT® device is non-carcinogenic (ie has not been shown to cause cancer), is non-invasive and has an analgesic and immunostimulating effect during and after the treatment. In addition, superior results have been obtained with this device in tissue and wound healing, both in animals and humans.

HOW TO TREAT WITH THE LEGLIGHT®?

When you start using light therapy on your horse, it is important to give the body a careful approach to the photobiological reactions that occur when therapeutic light is applied. Therefore always start with 5 minutes on the selected program and gradually increase after 1-2 treatments.

Start by fastening the **Photonic Lights legLIGHT®** around the horse's legs. Always make sure the product has close contact with the treatment surface, but without tightening too much. Place the power bank in the appropriate pocket and connect it to the module in the legLIGHT® with the included cable. Switch on the power bank and then switch on the legLIGHT® and the desired program and time interval are set on the module.

Acute or chronic?

When choosing which program to use, first think about whether it is an acute or chronic problem. All problems that have lasted more than 12 weeks are considered chronic. The reason this is important is that you will get faster results when you choose the right program right away.

You can never over-treat an area in such a way that the tissue is damaged. But too frequent and strong treatment can make healing take longer. As the tissue does not have a long enough recovery time between treatments and cannot manage to get rid of waste materials etc.

Acute injuries and discomfort can be treated twice a day for 5 days with a minimum of 8 hours between treatments.

PROTOCOL 1 - Fresh wounds 0-7 days (M1):

PROTOCOL 2 - Wounds that will not heal and inflammation (M2):

PROTOCOL 3 - Circulation, muscles and bones:

PROTOCOL 4 - Chronic conditions, Wellness - Antistress:

CONTRAINDICATIONS:

Can Photonic Lights legLIGHT® be used during pregnancy? The effects of Photonic Lights legLIGHT® have not been tested on pregnant women or animals. Although the fetus cannot be adversely affected by light, we do not recommend using Photonic Lights legLIGHT® in areas directly facing the developing fetus.

CLEANING:

Clean legLIGHT® with surgical spirit or antibacterial products such as **LEUCILLIN®** before wound treatment. REMEMBER legLIGHT® is NOT sterile, also cover the wound or legLIGHT® with sterile plastic or plastic wrap.

Infected wounds - treat also the lymph nodes above the wound. For example, if the wound is in the collarbone, the lymph nodes in the same area should be treated. If you find that the protocol being used causes more pain, return a day or two to the "Wound" protocol and then continue as before.

Remember to treat only once a day, as the legLIGHT® is optimized for daily treatments. If an injury occurs, treat immediately for best results.

INSTRUCTIONS FOR USE LEGLIGHT WITH POWERBANK:

1. Plug the adapter cable into the power bank.
2. Plug adapter cable (with power bank) into legLIGHT®.
3. Switch on the power bank and diodes will indicate full current percentage, 3 blue diodes will indicate above average current percentage, 2 blue diodes will indicate below average current percentage, 1 blue diode will indicate low current percentage).
4. Place legLIGHT® on the area to be treated. Secure the legLIGHT® with the Velcro straps. ATTENTION it is important that legLIGHT® is NOT moved during the treatment as the protocols are carefully measured to give a precise dose per treatment.
5. Switch on legLIGHT® by holding the On/Off button for 3 seconds.
6. Next, select the desired protocol on the M button:
Press M, 1 time for protocol M1.
Press M, 2 times for protocol M2.
Press M, 3 times for protocol M3.
Press M, 4 times for protocol M4.
7. Select the desired processing time on the On/Off button:
Press once for 5 minutes processing time.
Press 2 times for 10 minutes processing time.
Press 3 times for 15 minutes processing time.
Press 4 times for 20 minutes processing time.
8. CTS Light Therapy The specialist recommends that the treatment be carried out in a relaxed position in a quiet environment, to try to keep the horses body in a Rest and Digest state during the entire treatment. LegLIGHT® switches itself off after the set time. Repeat if necessary at the next location.



ATTENTION If the individual is not used to light therapy treatment, make sure to start with 5 minutes and work up in time.

USING REMOTE CONTROL FOR PHOTONIC LIGHTS legLIGHT®:

1. Make sure one or more legLIGHTs® are connected to power, via power bank.
ATTENTION The remote control controls all legLIGHTs® simultaneously.

2. Switch on legLIGHT® by holding the On/Off button for 3 seconds.

3. Next, select the desired protocol on the Mode button:

Press Mode, 1 time for protocol M1.

Press Mode, 2 times for protocol M2.

Press Mode, 3 times for protocol M3.

Press Mode, 4 times for protocol M4.



4. Select the desired processing time on the TIMER button:

Press once for 5 minutes processing time.

Press 2 times for 10 minutes processing time.

Press 3 times for 15 minutes processing time.

Press 4 times for 20 minutes processing time.

5. CTS Light Therapy The specialist recommends that the treatment be carried out in a relaxed position in a quiet environment, to try to keep the horses body in a Rest and Digest state during the entire treatment. LegLIGHT® switches itself off after the set time. Repeat if necessary at the next location.

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COMES WITH:

- 1 x Photonic Lights legLIGHT®- TENDON
- 1 x Photonic Lights Remote Controll
- 1 x Photonic Lights Power Bank
- 1 x Power Bank adapter cable
- 1 x Power Bank USB charger cable
- 1 x Protection and storage bag
- Manual

Comes with protective film over the diodes and for easier cleaning.

TECHNICAL INFORMATION Photonic Lights legLIGHT®:

- Measurement: 35cm x 40cm – Rectangular treatment area
- 4 different programs/ 16 protocols
- 650 nm Red
- 850 nm near infrared
- 160 LEDs of medical quality
- 135 mW/cm²
- 50,000 hours lifetime of LED – 2 year warranty from date of purchase
- CE approved

Please note that the Photonic Lights products are not a substitute for medical advice or veritable treatment, but are an auxiliary treatment device. Do not assume that all conditions are suitable for treatment with light therapy. The Photonic Lights products ARE NOT a diagnostic tool and are not intended to replace medical treatment.

GUARANTEE:

This product comes with a 2-year delivery guarantee from the date of purchase, provided original proof of purchase is presented. NO warranty claims arising from personal injury, battery leakage, accidental loss, water damage or organic solvent damage. The power bank is expressly excluded from this guarantee.

Please note that the specifications may differ from those presented in this manual. The powerbank comes with a 1-year guarantee

Remove the power bank from the device and keep the **legLIGHT®** lying flat if the device will not be used for a few days or more.

Treatment Protocol LegLIGHT for horses

PROBLEM	MODE	TIME	TREATMENT	POST-TREATMENT
Fresh wounds	M1	5 min	2x pr day, 7 days	1x pr day until healed
Fungus	M1	10 min	2x pr day, 7 days	1x pr day long as needed
Skin inflammation	M1	15 min	2x pr day, 7 days	1x pr day long as needed
Eczema	M1	20 min	2x pr day, 7 days	1x pr day long as needed
Old wounds	M2	5 min	2x pr day, 7 days	1x pr day until healed
Swelling	M2	10 min	2x pr day, 7 days	1x pr day long as needed
Skeletal	M2	15 min	2x pr day, 7 days	1x pr day long as needed
Abscess	M2	20 min	2x pr day, 7 days	1x pr day long as needed
Cronic wounds	M3	5 min	2x pr days, 3 days	1x pr day until healed
Stress Relief	M3	10 min	1x pr days, 3 days	1x pr day long as needed
Circulation	M3	15 min	2x pr days, 5 days	1x pr day long as needed
Rest & Digest	M3	20 min	1x pr days, 3 days	1x pr day long as needed
Health & Balance	M4	5 min	2x pr days, 3 days	1x pr day long as needed
Skin & Fur	M4	10 min	1x pr days, 7 days	1x pr day long as needed
Pain Relief	M4	15 min	2x pr days, 5 days	1x pr day long as needed
Cronic Conditions	M4	20 min	1x pr days	1x pr day long as needed

The condition treatment protocol serves as a guideline, indicating how you can use your Photonic Lights LegLight to treat your horse. The Photonic Lights LegLight is not intended as a replacement for standard medical procedures, medication and/or treatment. If you have any question, please contact your reseller or Caball Therapy Systems. Mail: post@photizo.info or www.caball.biz

WE CAN HELP YOU WITH UNIQUE TREATMENT PLAN

Many questions may arise about the treatment plan, and that there is not always someone close to you that you can ask and get advice from. Therefore, you now have opportunity to contact us and get a specific treatment plan with Photonic Lights legLIGHT for the specific horses you have. We offer advice and recommendations from our Certified light therapy therapists

CTS - CUSTOMER SERVICE

INTERNATIONAL NUMBER:

+45 28155676

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CONTACT US

With over 30 years of combined knowledge and experience in light therapy, Caball Therapy Systems - The Light Therapy Specialist shines brightly in the industry.

If you have any further questions, please feel free to contact us at:
post@caball.biz

You can also call our customer service number:
Monday - Friday 9am - 5pm CEST
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 **CABALL THERAPY SYSTEMS**