

TECHNICAL INFORMATION:

650 nm red
550 nm green
180 mW/cm² with Focus strobe
3 power levels: max, medium and pulsating
50,000 hours lifetime on LED
Rechargeable Nimh battery
2 year warranty from date of purchase, upon presentation of proof of purchase

TROUBLESHOOTING:

The device feels hot:
Photonic Lights Photopuncture Pen® working temperature is about 35-40 degrees. It will turn itself off if it gets too hot, to protect the device.
The Photonic Lights Photopuncture Pen® is equipped with heat protection

The device does not turn on:

Is the battery fully charged?

The battery does not charge:

Is the USB power cord connected correctly?

Is the power button on?

If the unit still does not turn on, please call for customer service on +45 2815 5676 or send an email to: post@caball.biz
www.lighttherapyspecialist.com



PHOTONIC LIGHTS PHOTOPUNCTURE PEN



CTS- Caball Therapy Systems
Customer service Tlf + 45 2815 5676

www.lighttherapyspecialist.com

CONGRATULATIONS

Congratulations on your purchase of the Photonic Lights Photopuncture Pen® RED- or GREEN. We hope you will enjoy the Photonic Lights Photopuncture Pen® healing properties that so many other users have experienced. Photonic Lights Photopuncture Pen® has shown to stimulate cells, heal wounds and represents a new era in healing and wound care.

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 occurred in the 1990s, when NASA began working on LED based light therapy devices for use in wound healing for astronauts, as wounds take longer to heal under altered gravity conditions. Their research paved the way for the Photonic Lights Photopuncture Pen® light therapy device, which takes the best of the currently available Photopuncture devices and combines features into one, usable 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 into secondary mechanisms that ensure several clinical effects: wound healing, improved blood and lymph circulation, regeneration and immunomodulation.

Acute:

Use your Photonic Lights Photopuncture Pen® 2 times per day, with a minimum of 8 hours apart, for 3 days.

Chronic: The Photonic Lights P-Pen® is used as needed, in 24-72 hour intervals. Never exceed 3 treatments per day.

PHOTONIC LIGHTS PHOTOPUNCTURE -PEN® GREEN:

Many users have experienced pain relief when using the Photonic Lights Photopuncture Pen® GREEN, when applying the therapeutic green light into the nose or ears for 30-120 seconds.

PHOTONIC LIGHTS PHOTOPUNCTURE -PEN® FROM CABALL THERAPY SYSTEMS WILL BE DELIVERED WITH:

Photonic Lights P-Pen® red or green
3 x Photopuncture protocol
Battery charger with USB plug
Ultra Focus strobe
ABS storage and protective box
Manual

CTS Photopuncture Basic online course and Smart bag, can be purchased additionally.



The only Photopuncture product on the market with both FOCUS and ULTRA FOCUS, unlike other products for a larger treatment area, which are not designed for targeted Photopuncture and which will therefore be able to hit more than one point at a time. As well as the only Photopuncture Pen with 3 different treatment strengths, MAX, MEDIUM and PULSATING. The advantage of these 3 treatment strengths is that some individuals need longer time to adapt when starting up with Photopuncture. Here it is a big advantage to be able to start at the lowest strength and work your way up in strength.

INSTRUCTIONS FOR USE

- Complete the CTS Photopuncture Basic course
- Place the battery in the charger and charge until the battery charger lights green
- When the battery is fully charged, insert it into your Photonic Lights P-Pen®.
- Find your Photopuncture protocol that you want to follow. It will be a big advantage to use 2 Photonic Lights P-Pen® simultaneously, it will accelerate the impact on important points and illuminate the energy flow.
- Start at medium level and keep your Photopuncture Pen® in the same position 15-30 seconds, or until a release comes.

If you are used to PhotoBioModulation (PBM) or therapeutic light therapy, you can start at the highest level and work your way up to pulsating. Research shows that pulsating frequencies can have a greater effect, after light treatment.

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 affects the proteins that protect cells against degenerative processes.
- Increases the osmotic resistance of red blood cells and thus prevents hemolysis.
- Affects the growth factors in the nervous system and the microvessels and muscle and connective tissue.
- Affects cell signaling.
- Regulates inflammation, immune response and circadian rhythm.
- Supports tissue regeneration.
- Stimulates local circulation.
- Supports the lymphatic system.

Therapeutic light affects the mechanisms of disease occurrence and significantly shortens recovery time. It thus helps to reduce medical costs, as it reduces the use of drugs. Therapeutic light cannot replace a healthy lifestyle and medical treatment required for injuries or illnesses, but complementary effects have been proven. The illuminated area shows better circulation, cellular metabolism, and energy production in cells is improved, as well as healing and regenerative effects on the tissue are stimulated.

THE 3 DIFFERENT TREATMENT METHODS

Today there are several ways to treat with PBM, we have chosen to divide it into 3 different groups so that you can understand the difference between them in a simple way.

I. PHOTOPUNCTURE

Photopuncture is acupuncture that uses light instead of needles. Photopuncture uses a light therapy device, with a focused beam 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 therapeutic 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, something that results in us being able to use light to reduce pain and inflammation.

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

2. HANDHELD SYSTEMS

Are powerful hand-held devices with a short processing time and high irradiance (mW/cm²). Photizo® Homecare and Professional have one-touch, pre-programmed, effective doses of red and near-infrared LED light for the treatment of pain and similar inflammatory conditions. Photizo® ensures precise and simple doses of the right amount of joules/doses for the desired area. Treatment areas up to 5 cm, with Close Contact, 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. A large area can be treated without having to hold the unit in place. Pad systems

have a lower irradiance effect (mW/cm²), as you treat large parts of the body at once, thus achieving a good effect.

PHOTONIC LIGHTS P-PEN® - FASTER WAY TO BETTER ENERGY!

Photopuncture is acupuncture that uses light instead of needles. Photopuncture uses a light therapy device, with a focused beam to specifically activate energy points (aka acupuncture) along the acupuncture meridians.

This method of helping to balance and heal the body has been used on horses, pets and people for over 25 years and has gained recognition by acupuncture schools and international light therapy programs as a valuable tool.

PHOTOPUNCTURE-PROCESSES

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 the use of light to reduce pain and inflammation.

PHOTONIC LIGHTS PHOTOPUNCTURE-PEN®

The Photonic Lights Photopuncture Pen® is equipped with red light in focused strobe, which is excellent for reducing pain and increasing circulation in any area of the body that needs care.

The Photonic Lights P-Pen® is also good for use in preparation for a light therapy treatment, such as whole body treatments, pad systems and handheld devices such as Photizo® light therapy from Caball Therapy Systems.

Photonic Lights P-Pen® is the first and only Photopuncture pen, which comes with a focused strobe and with the accessory ULTRA FOCUS. With ULTRA FOCUS, you will get an even higher effect on the beam, but at the same time perfect for reaching areas such as sinuses, ear canals and puncture wounds, as well as on smaller areas and small animals.