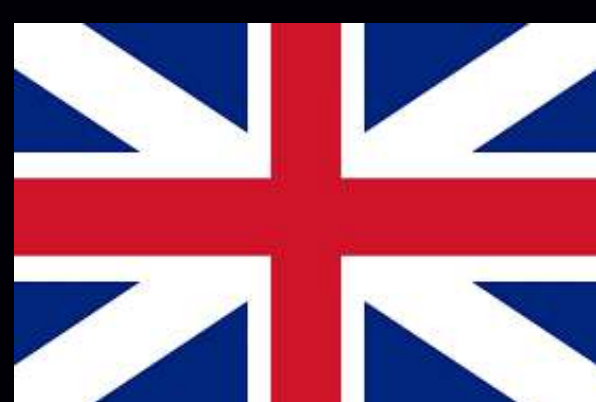




Red Light Therapy

Wave

WAVE RLT PEN & WAVE RLT PEN 2.0

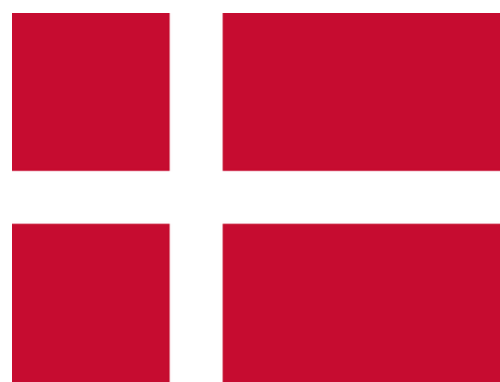


W W W . C A V A L E R O S . D K

WAVE Red Light Therapy is developed by Cavaleros Denmark.
We have devised a new way of being able to treat with documented light therapy.

It is almost only the imagination that sets the limits.
We are constantly developing our product range and making additional products that make it
easy for you to treat your animal so that it is ready to perform at a top level!

We want to create products that can do more than one thing! We look forward to showing you
the new products in the future!
100% Danish design and idea



We would really like to help if you have any questions.
You must contact your veterinarian if it concerns professional questions that have to do with
an injury.

We welcome "cases" and feedback from our customers.

Contact us at customercare@cavaleros.dk or on tel +45 6073 7722

We are looking forward to hearing from you!

Cavaleros Denmark Middelfartvej 6E DK-4200 Slagelse



Important knowledge before use

The batteries are fully charged when you receive your product - so you can quickly start treatment

Overuse of WAVE can not harm your horse

Always pay attention to your pet when using WAVE and never leave it alone

Animals are sensitive creatures.

Never use WAVE RLT on a tumor unless you do so in consultation with a veterinarian

Do not use the product on lactating or pregnant women - animals or humans.

Be sure to treat your animal if it is being given light-sensitivity medicines such as Tetracycline

Never use the product if the horse is in water

Protect the cord and the adapter and use only original cables, etc. for use

Using the battery on another product may damage the battery. It is made specially for WAVE so it should only be used for WAVE.

Do not let the animal bite or play with the product. If the product is damaged, do not use it!

Do not let your horse step on the product!

Never apply ointments, creams or anything BEFORE treatment with WAVE

Cavaleros is not liable if your horse / dog or you are injured when using the WAVE products if the reason is gross negligence.

Always consult your veterinarian if in doubt

Never repair WAVE RLT, DC plug, battery or charger

We provide a 2-year warranty against manufacturing defects – not for wear or where the product is damaged due to incorrect use.

The right of complaint is waived if you do not treat WAVE RLT as prescribed



Important knowledge before use

Never look directly into the light
Shade the light in front of your animal's eye
Never leave the product on your horse or animal unattended.
Put your pet in a comfortable place, preferably in a quiet place.
Only use the product on a horse that is tied up!
Never let your horse / dog walk around with the product on
Use only original chargers or batteries for the product
Never leave your WAVE RLT and batteries in a humid environment
WAVE RLT can not be put in the washing machine
WAVE RLT is carefully cleaned with a hard-wrung cloth - and never near the DC socket

Never have your WAVE RLT on for more than 5 minutes at a time on each area

NEVER put your charger and battery in the sun while it is charging. There is a risk of overheating and explosion!

If you experience odor from the product then stop using it immediately!
It can create an injury!

The product can be used in MAX +30 degrees heat and NEVER be left in the sun!

Only charge the battery for MAX 5 hours - it is a fast charging battery.

ALWAYS leave your battery far away from flammable objects!

Leave your battery on a stone floor or tile floor.

NEVER store your battery in very hot or cold environments or in direct sunlight - store at room temperature 20-25 degrees

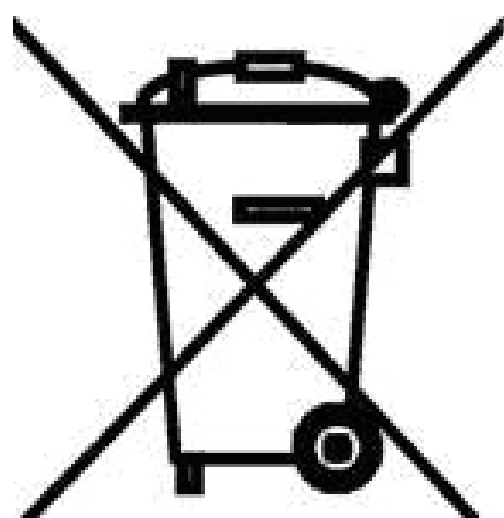
NEVER use a product that is damaged in any way!

Electrical and electronic equipment as well as supplied batteries contain materials, components and substances that can be harmful to human health and the environment if the waste is not handled properly.

As an end user, it is important that you hand over your used batteries to the schemes that are established for this.

In this way, you help to ensure that the batteries are recycled in accordance with the law and do not unnecessarily burden the environment.

All municipalities have established collection schemes where discarded electrical and electronic equipment as well as portable batteries can be handed over free of charge by citizens at recycling stations and other collection points or are picked up directly from households. Further information can be obtained from the municipality's technical administration.



Please note this before using our WAVE PEN & WAVE PEN 2.0

NEVER look into the WAVE RLT PEN and never light in the eyes of others.

The light is very strong.

Always wear glasses if you use it close to the eyes

Never use it near the eyes of animals.

Must not come into contact with water in any way!

Use the cleaning cloth to keep the glass clean.

If you need to get close to the eye, scare with your hand so that you make sure you do not hit the animal's eye.

Do not use the product on pregnant animals or humans.

Do not allow the device to get damp or store it in a humid environment.

Always store it in a cool, dark room. direct sunlight. There is a risk of overheating the batteries.

If you do not need to use it for an extended period (1 month +), remove the battery from the device. This way you take better care of the product.

Always attach the supplied cord to the device and attach it to the wrist when handling.



If you lose the device and the glass breaks - it can NOT be replaced. And we do not recommend that you continue to use it.

We provide a 24 month warranty according to. Purchase Act.

Product lifespan: 50,000 hours

Battery type: 18650



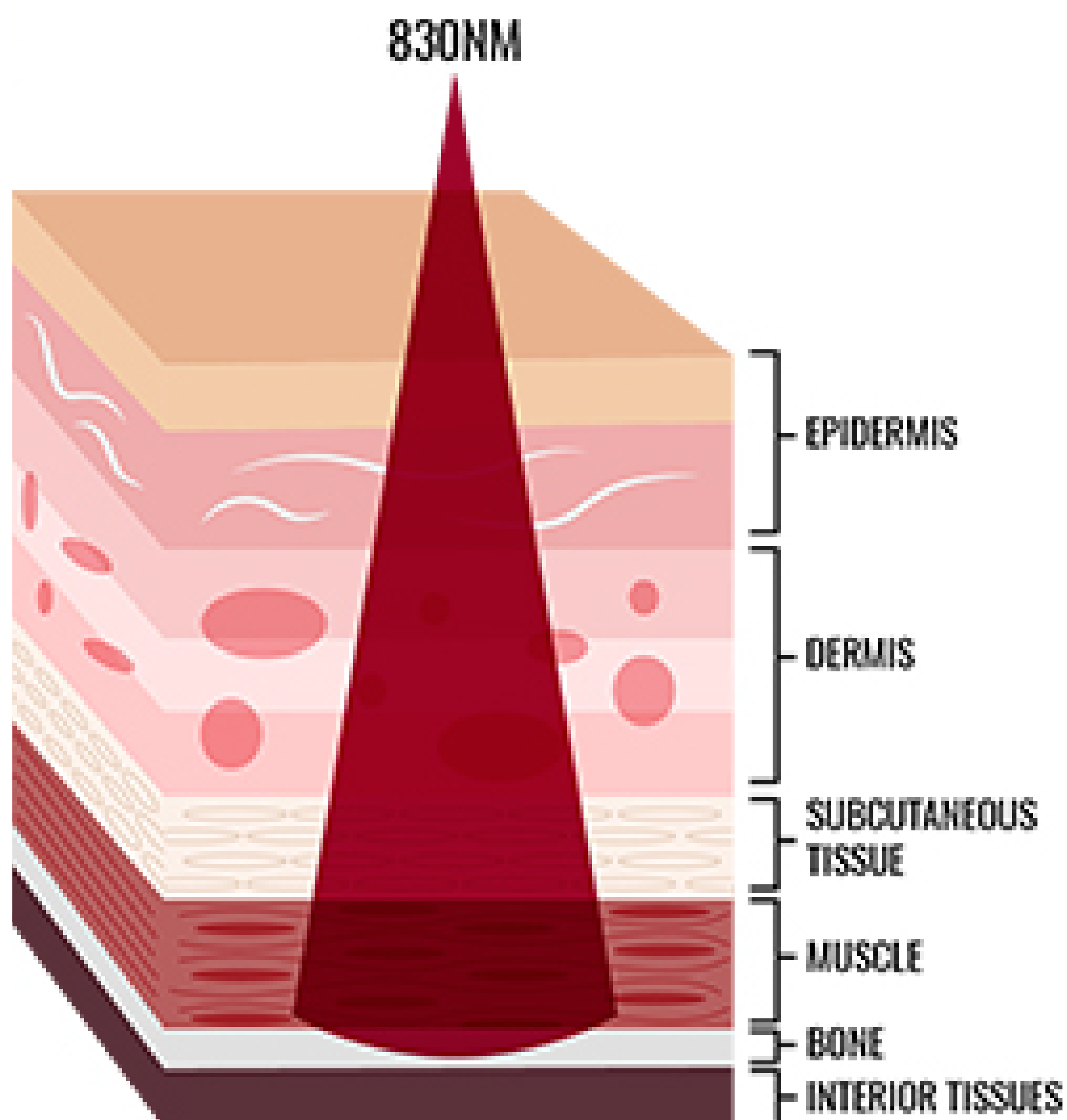
Why Light Therapy?

Treatment with red light with a very specific wavelength strengthens cell renewal and is known as an ATP booster. Light treatment has beneficial effect in many areas.

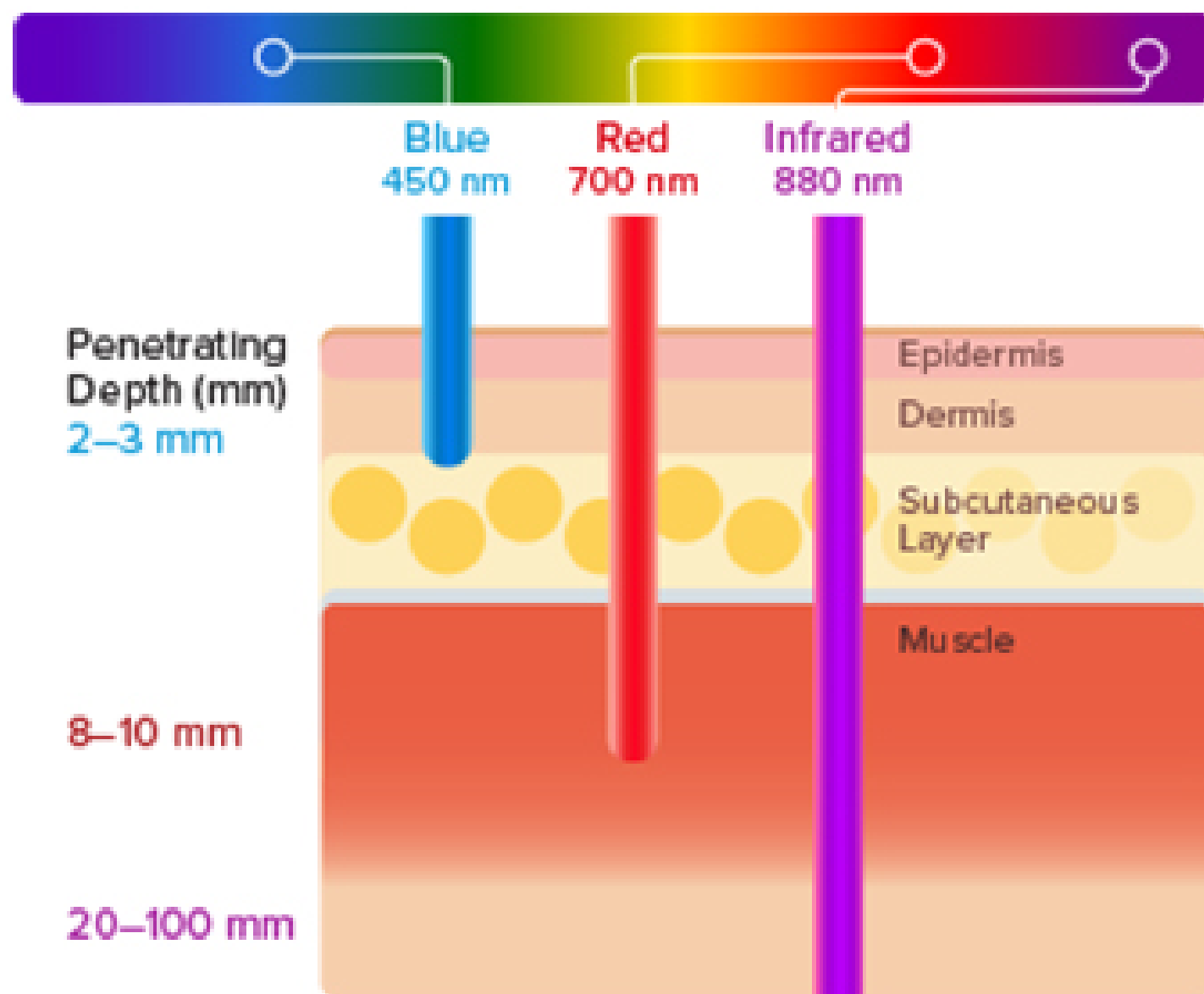
The specific wavelengths of LED therapy lights increase circulation and increase the formation of new capillaries. The new capillaries speed up the healing process by transporting more oxygen as well as more nutrients to the treated areas. At the same time, more waste substances are transported away.

Collagen is the most common protein found in the body and is an important protein that replaces and repairs damaged tissue. Several studies show that LED therapy stimulates the production of collagen and thereby reduces scar tissue.

Light therapy is medically approved for people in the United States and is used as a pain relief ϵ



What do the different wavelengths mean?



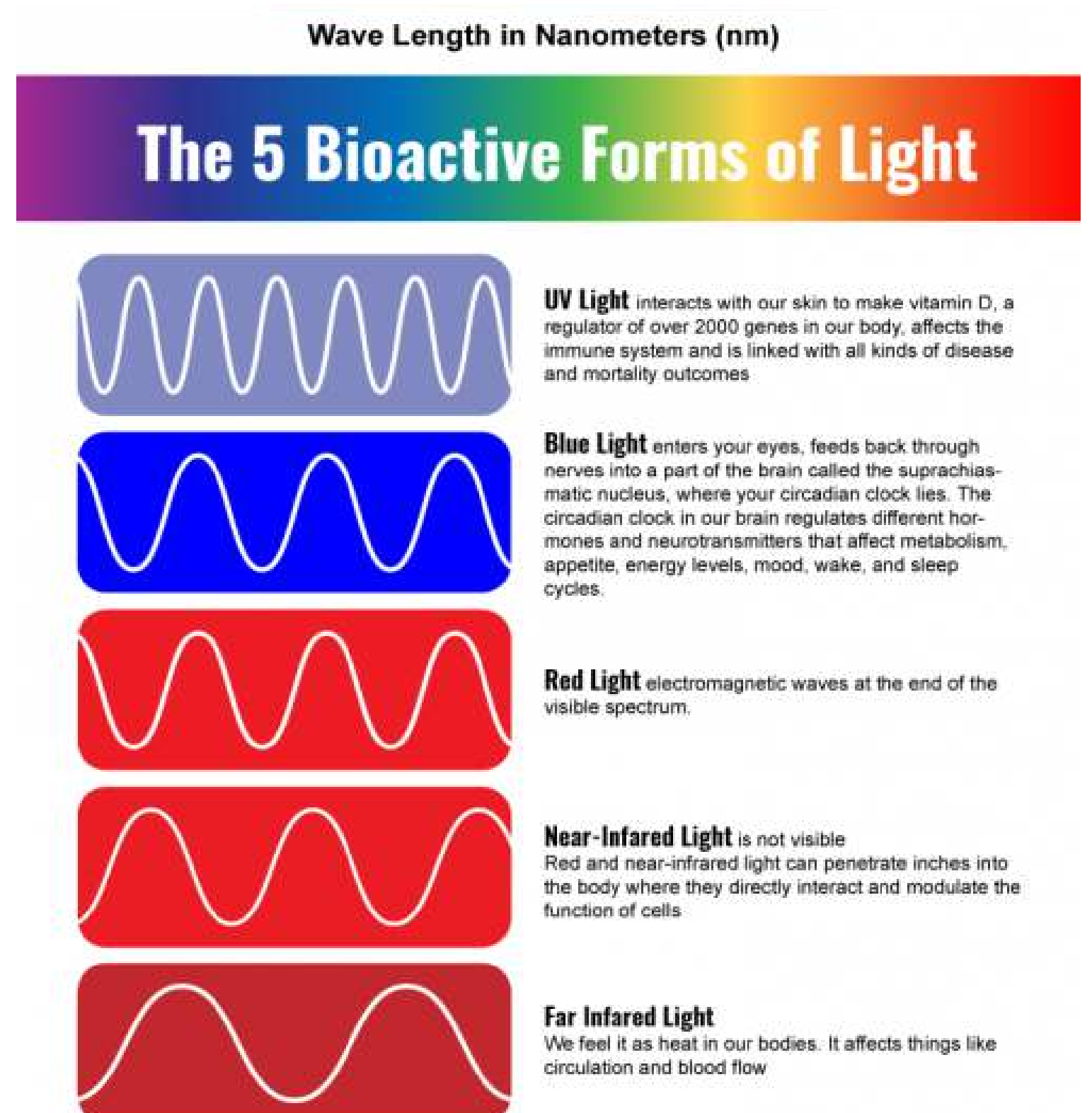
The different wavelengths help to determine how deep the treatment is. The most commonly used wavelengths are red and infrared as they reach deep into the tissue. Therefore, red light is also often used to treat wounds as it heals from the inside and not just on the outside. The blue light is typically used for acne treatment as it only works in the top thin layer of skin.

There is a big difference in the use of FIR & NIR.

FIR (Far infra red light) feels like heat and increases blood circulation. It can also be your own body heat that is sent into the body. It has no therapeutic effect on the cells. But provides well-being.

NIR (near infra red light) treats at the cellular level and regenerates the cells and adds energy which is the cells' driving force and provides an effective and documented treatment.

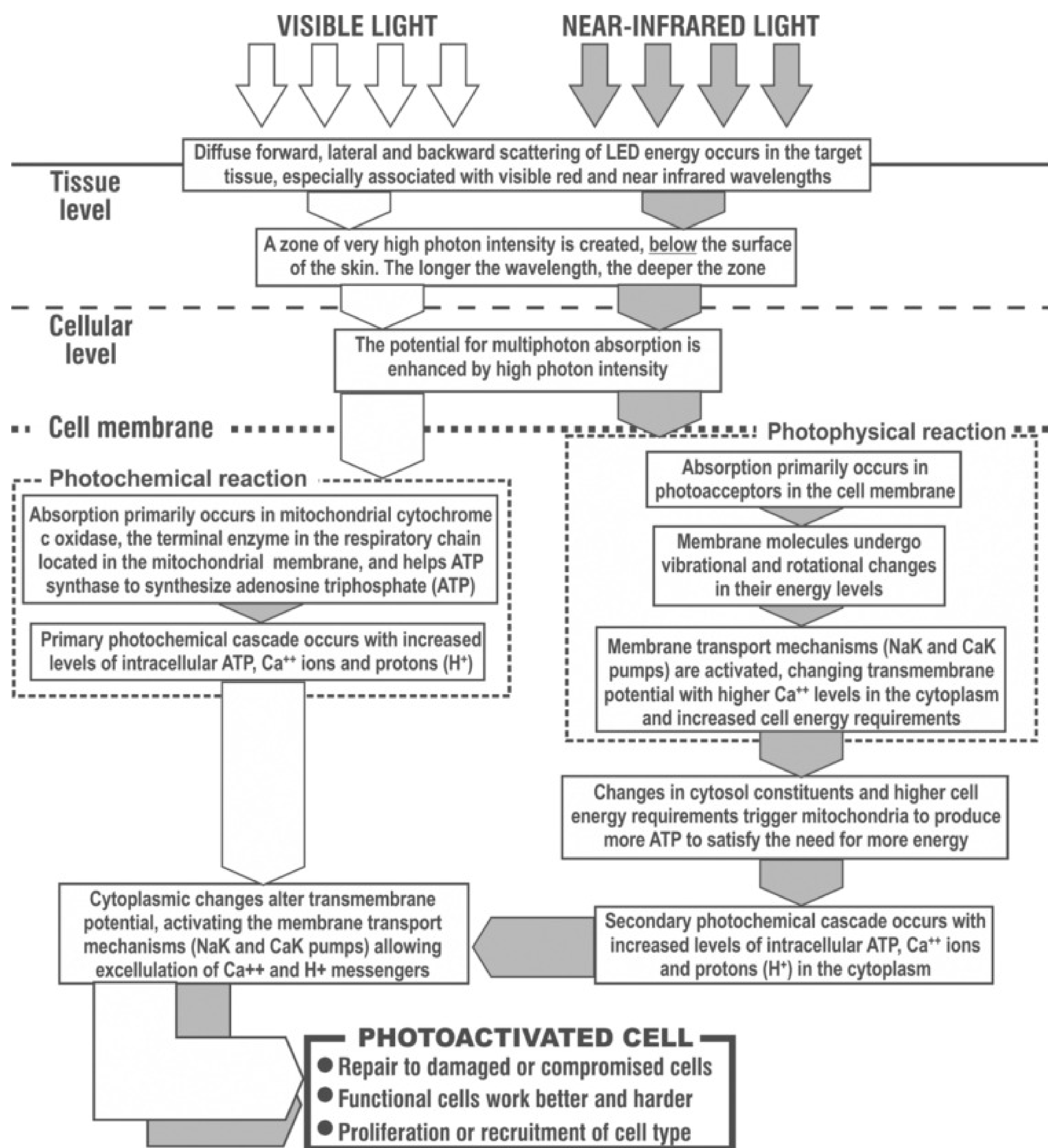
We only use the wavelengths in the spectrum of light that have a documented effect and where studies have been done, namely 630 nm red light and 900 nm Near Infrared light



WAVE RLT stimulates the release of adenosine triphosphate (ATP). ATP is the largest energy carrier for all cells and delivers the chemical energy that drives the chemical reaction in the cell. Increases in ATP allows cells to use nutrients faster and get rid of waste products.

WAVE RLT also increases the activity of the lymphatic system.

Therefore, one can also see effective treatments with WAVE Red light Therapy. You can experience up to 200% faster healing with light therapy.



How to get started!

Your WAVE RLT Pen is ready for use when you receive it.

We have made sure that the battery is fully charged and ready for use. Just insert the battery and you are ready to make your first treatment.

It is important that you place the WAVE RLT PEN as close to the skin as possible. The strongest light waves 850, 900 nm penetrates between 20-100 mm into the tissue depending on the tissue type.

The further away the bigger area you can treat but with less power to penetrate the tissue.

We have good experience with using it BEFORE and AFTER training, as well as increasing the number of treatments when there is an injury.

Always ask your veterinarian for advice. Light therapy can not replace a visit to the vet.



WAVE RLT PEN

Smart small handheld light therapy pen for the places where you need intense treatment and where it is difficult to get to.

Good for acupuncture points, trigger points, inside ear, small wounds, sacoids, hooves, knee injuries, spot treatment.

Comes with 3 wavelengths

Red light: 660 nm - visible

Deep red light: 730 nm - very faintly visible

Near-infrared light: 850 nm - not visible

Processing time 1-3 minutes

Irridiance: 217 mW / cm²

Turn off after 5 minutes of use

Case including safety goggles, cleaning cloth for the lens, charger, 2 rechargeable batteries, and a strap that can be attached to the bottom of the WAVE RLT PEN

ro

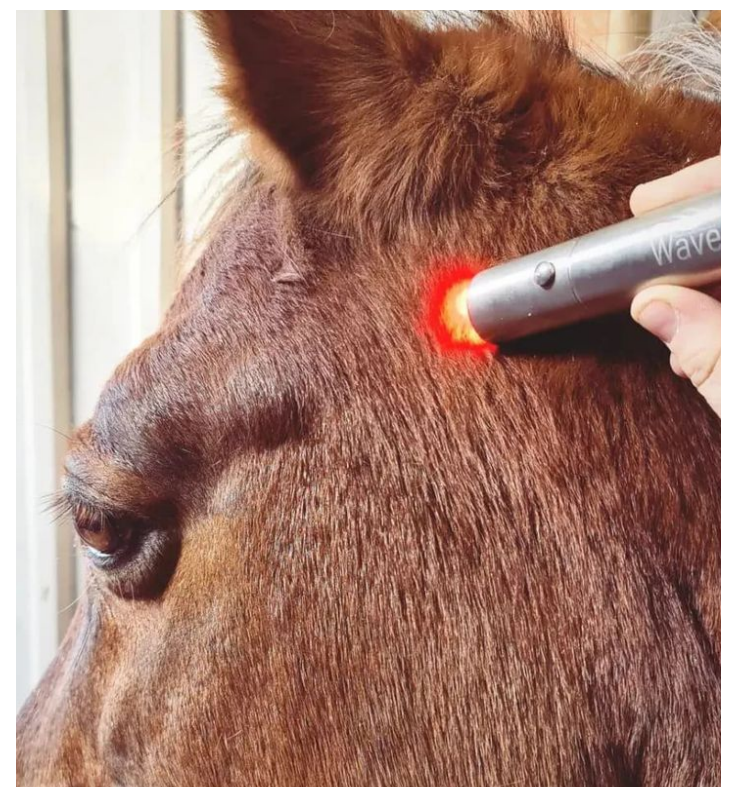


How to use the WAVE RLT PEN

In our WAVE RLT PEN we use a combination of 3 different LEDs, which are selected to give the best biological effect anywhere on the body.

The 3 light waves are 660 nm red light, 730 deep red light (very little visible) & 850 nm near-infrared light (invisible to the human eye)

Note that only one light is visible to the human eye - the other 2 emit light waves that you cannot see. This is normal.



Some horses experience the effect of light therapy almost immediately, others experience it over a long period of about 3 weeks.

It depends a lot on the injury.

We recommend using a 3-week plan - before comparing the effect.

If you experience the effect immediately, continue treatment.

If you do not experience a horse reaction then it is also normal. Simply continue treatment, but increase treatments from 1 time a day, to 3 times a day, lasting up to 3 minutes, for 3 weeks.

After 3 weeks of constant treatment, most horses will notice a change.

If the horse is being treated with another product, do not stop that treatment suddenly when you start light therapy unless you feel that the treatment is not working.

You can easily continue your treatment from the vet, but always consult your veterinarian if it has any adverse effect if you are treated with light therapy.

Vets will rarely ask you NOT to use light therapy.

Hold the WAVE RLT PEN over the area you want to treat. You can either hold it all the way to the skin, or up to 15 cm from. The farther away the weaker treatment.

Do not use WAVE RLT PEN for more than 5 minutes at a time. Take a break between each treatment of about 1 minute or until the device has cooled down a bit. This will prevent the device from overheating.

WAVE RLT PEN

Processing Guide

A simple treatment.

With the WAVE RLT PEN your are not able to split the wavelengths. But you will still be able to experience a great effect. Excess energy / light can not have a negative affect. Light therapy has no side effects and can not damage either tissues or cells.

If you want a more specific treatment then try our WAVE RLT PEN 2.0

Instructions for treatment with WAVE RLT PEN

Near infrared + red light treatment

Wavelengths nm	660, 730, 850	
Injury		Processing time
Sarcoids very small and only superficial	1-3 minutes	Once a day
Sarcoids deep and large	1-3 minutes	1-3 times daily
Prevention of injuries before training	1-3 minutes	every 5th - 6th day per area
Prevention of injuries before after training	1-3 minutes	every 5th - 6th day per area
Fungal skin disease	1-3 minutes	Once a day
Equine pastern dermatitis (EPD)	1-3 minutes	Once a day
Equine pastern dermatitis (EPD) with servere pain	1-3 minutes	1-3 times daily
Wounds	1-3 minutes	1-2 times daily
Wounds chronic or old wounds	1-3 minutes	Once a day
Wounds with pain	1-3 minutes	1-3 times daily
Hot spot	3-5 minutes	Once a day
Inflammation / redness	3-5 minutes	1-3 times daily
Inflammation of wounds	1-3 minutes	1-3 times daily
Swelling from wounds	3-5 minutes	1-3 times daily
Swelling from stroke	3-5 minutes	1-3 times daily
Bleeding under the skin / swelling from stroke	3-5 minutes	1-3 times daily
scar tissue	3-5 minutes	1-3 times daily
After surgery	1-3 minutes	1-3 times daily
Trush	1-3 minutes	1-3 times daily
Laminitis - relief	1-3 minutes	3-5 times daily
Bacteria	1-3 minutes	Once a day
Undefinable pain acute	1-3 minutes	1-3 times daily
Undefinable pain chronic	1-3 minutes	1-3 times daily
Arthritis	3-5 minutes	1-3 times daily
Hip dysplasia	3-5 minutes	1-3 times daily
Kissings spine	3-5 minutes	1-3 times daily
Joint fracture	3-5 minutes	1-3 times daily
Bone fracture	3-5 minutes	1-3 times daily
Tendon injury / ligament injury	1-3 minutes	1-3 times daily
Connective tissue pain	1-3 minutes	1-3 times daily
myoser	3-5 minutes	1-3 times daily
Scar tissue reduction	3-5 minutes	Once a day
Wrinkles reduction in humans	1-3 minutes	Once a day
Skin problems in humans	1-3 minutes	Once a day
Psoriasis in humans	1-3 minutes	Once a day
Rosasea in humans	1-3 minutes	Once a day
Acne in humans	3-5 minutes	Once a day
Sun damage in humans / animals	1-3 minutes	Once a day
Increases hair growth in humans / animals	1-3 minutes	Once a day
Reduces after-effects from Kemo treatments only pads	1-3 minutes	as required
Reduces herpes virus wounds and reduce the risk of new wounds	1-3 minutes	Once a day
Can reduce depression - pads only	1-3 minutes	as required
Migraine / headache	1-3 minutes	as required
Acupuncture treatment	1-3 minutes	Once a day
meridian function	1-3 minutes	Once a day
Heel spurs	1-3 minutes	until desired effect
Stress	1-3 minutes	until desired effect
Nerve pain most effect on pads if larger area	1-3 minutes	1-3 times daily
Ligament damage / distortion	1-5 minutes	1-3 times daily

*depending on how servere the damage is

The guide is for guidance only, always consult your veterinarian or therapist.

WAVE RLT PEN 2.0

Smart small handheld light therapy pen for the places where you need intense treatment

Good for acupuncture points, trigger points, inside ear, small wounds, sarcoids, hoofs, hoof abscesses, knee injuries, spot treatment.

Has 5 wavelengths

Red light: 630 nm, 660 nm - visible

Deep red light: 710 nm - very faintly visible

Near-infrared light: 850 nm - 900 nm not visible

Treatment time 0.5-5 minutes

Power density: 300 mW / cm²

With pulsating power + 10HZ for better blood flow and deeper treatment

Turns off after 5 minutes of use - take a 1-3 minute break before you treat again.

Complete safety goggles, case, cleaning cloth for the lens, charger, 2 rechargeable batteries, and a strap that can be attached to the bottom of the WAVE RLT PEN

PRICE: 200, - Euro

Dimensions: 30 x 126 mm

Material: Stainless steel

Power density: On the surface: 300 mW/cm²

Net weight: 200 g

Wavelengths: 630, 660, 710, 850 & 900nm

Power density: 10 cm from 98mW / cm²



The package contains:

WAVE RLT PEN 2.0

Storage bag with zipper

2 rechargeable batteries 18650

Battery charger

USB connector for charger

Glasses

User Manual

How to use WAVE RLT PEN 2.0

In our WAVE RLT PEN 2.0 we use a combination of 5 different LEDs, which are selected to give the best biological effect anywhere on the body.

The 5 light waves are 630 nm red light, 660 nm red light, 710 deep red light (very little visible) & 850 nm near-infrared light & 900 nm (invisible to the human eye)

Note that only 2 light are visible to the human eye - the other 3 emit light waves that you cannot see. This is normal.



Here the 3
wavelength PEN
With only 3 LED

Some horses experience the effect of light therapy almost immediately, others experience it over a long period of about 3 weeks.
It depends a lot on the injury.

We recommend using a 3-week plan - before comparing the effect.

If you experience the effect immediately, continue treatment.

If you do not experience a horse reaction then it is also normal. Simply continue treatment, but increase treatments from 1 time a day, to 3 times a day, lasting up to 3 minutes, for 3 weeks.

After 3 weeks of constant treatment, most horses will notice a change.

If the horse is being treated with another product, do not stop that treatment suddenly when you start light therapy unless you feel that the treatment is not working.

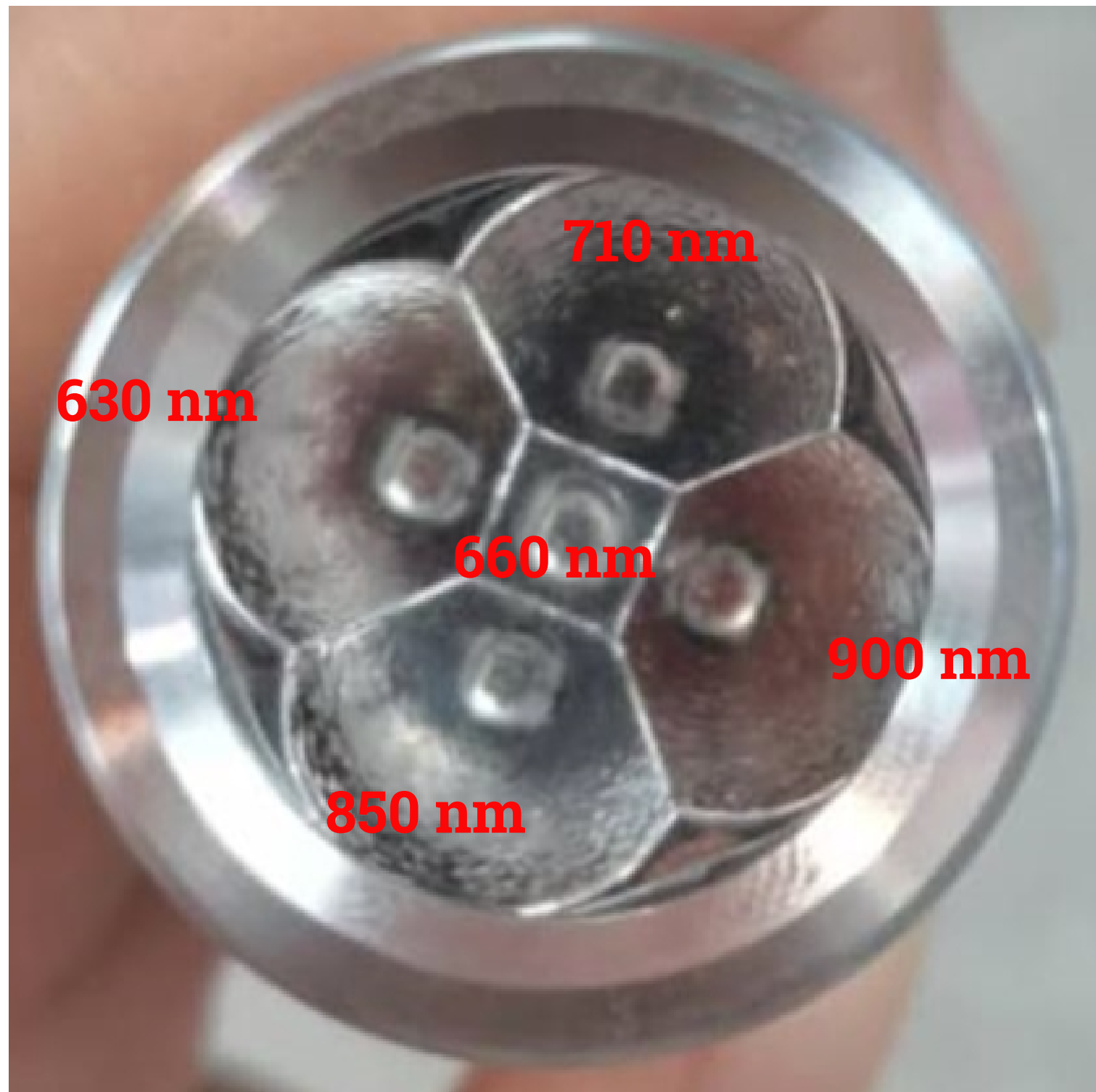
You can easily continue your treatment from the vet, but always consult your veterinarian if it has any adverse effect if you are treated with light therapy.

Vets will rarely ask you NOT to use light therapy.

Hold the WAVE RLT PEN over the area you want to treat. You can either hold it all the way to the skin, or up to 15 cm from. The farther away the weaker treatment.

Do not use WAVE RLT PEN for more than 5 minutes at a time. Take a break between each treatment of about 1 minute or until the device has cooled down a bit. This will prevent the device from overheating.

Functions in WAVE PEN 2.0



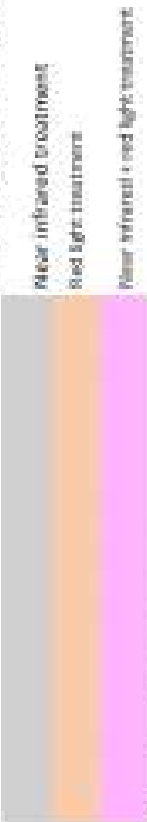
Wavelengths: 630, 660, 710, 850, 900 nm

Timerfunction: Turns off automatically after 5 minutes of use - pause for 1-2 minutes or until the unit has cooled down.

WAVE RLT PEN 2.0 has 6 different functions

- 1) PRESS 1 time. All LEDs light up once
- 2) PRESS 2 times. Only red light lights up. 630 & 660 nm
- 3) PRESS 3 times. Only near-infrared light lights up. 710, 850 & 900nm
- 4) PRESS 4 times. All LEDs light up with pulsating light + 10HZ
- 5) PRESS 5 times. Only red lights up with pulsed light + 10HZ
- 6) PRESS 6 times, only near-infrared light shines with pulsating light + 10HZ
- 7) PRESS 7 times . The device turns off

Instructions for treatment with WAVE RLT PEN 2.0



Pulsed is used in deep treatment					
Wavelength in nm	630, 660	730, 850, 900	630, 660, 730, 850, 900	630, 660	730, 850, 900
	Near infrared + red light treatment	Near infrared treatment	Pulsed in every 30 sec	Pulsed in every 30 sec	Pulsed in every 30 sec
Injuries					Treatment time
Sarcoids very small and only superficial	0.5-1 minutes			0.5-1 minutes	Once a day
Sarcoids deep and large	0.5-2 minutes		0.5 minutes		1-3 times daily
Prevention of injuries before training	0.5-2 minutes		1-3 minutes		every 5th - 6th day per area
Prevention of injuries before after training	0.5-2 minutes		1-3 minutes		every 5th - 6th day per area
Fungal skin disease	0.5-1 minutes			0.5-1 minutes	Once a day
Equine pastern dermatitis (EPD)	0.5-1 minutes			0.5-1 minutes	Once a day
Equine pastern dermatitis (EPD) with severe pain	0.5-2 minutes		0.5-2 minutes		1-3 times daily
Wounds	0.5-2 minutes		0.5-2 minutes		1-3 times daily
Wounds chronic or old wounds	0.5-2 minutes		0.5-2 minutes		Once a day
Wounds with pain	0.5-2 minutes		0.5-2 minutes		1-3 times daily
Hot spot	1-2 minutes			1-4 minutes	Once a day
Inflammation / redness	0.5-2 minutes		1-4 minutes		1-3 times daily
Inflammation of wounds	0.5-2 minutes		1-4 minutes		1-3 times daily
Swelling from wounds	0.5-2 minutes		1-4 minutes		1-3 times daily
Swelling from stroke	0.5-2 minutes		1-4 minutes		1-3 times daily
Bleeding under the skin / swelling from stroke	0.5-2 minutes		1-4 minutes		1-3 times daily
Scar tissue	0.5-1 minutes		1-4 minutes		1-3 times daily
After surgery	0.5-2 minutes				1-3 times daily
Truagh		2-3 minutes			1-3 times daily
Laminitis - relief		3-4 minutes			1-3 times daily
Bactera	0.5-2 minutes			1-2 minutes	Once a day
Undesirable pain acute	0.5-2 minutes		1-4 minutes		1-3 times daily
Undesirable pain chronic	0.5-2 minutes		1-4 minutes		1-3 times daily
Arthritis	2-3 minutes		3-4 minutes		1-3 times daily
Hip dysplasia		2-3 minutes			1-3 times daily
Kissing spine		2-3 minutes			1-3 times daily
Joint fracture		2-3 minutes			1-3 times daily
Bone fracture		2-3 minutes			1-3 times daily
Tendon injury / Ligament injury		2-3 minutes			1-3 times daily
Connective tissue pain	0.5-2 minutes up to 5 minutes		1-4 minutes up to 5 minutes		1-3 times daily
Myositis					1-3 times daily
Scar tissue reduction					Once a day
Wrinkles reduction in humans	1-3 minutes			1-4 minutes	Once a day
Skin problems in humans	1-3 minutes			1-4 minutes	Once a day
Piercings in humans	0.5-2 minutes			1-5 minutes	Once a day
Rosacea in humans	0.5-2 minutes			1-5 minutes	Once a day
Acne in humans	0.5-2 minutes			1-5 minutes	Once a day
Scar damage in humans / animals	0.5-2 minutes			1-5 minutes	Once a day
Increase hair growth in humans / animals	0.5-2 minutes			1-5 minutes	Once a day
Reduces after-effects from kemo treatments only pads	up to 5 minutes		up to 5 minutes		as required
Reduces herpes virus wounds and reduce the risk of new wounds					Once a day
Can reduce depression - pads only	1-2 minutes		1-4 minutes		as required
Migraine / headache	1-2 minutes		1-4 minutes		as required
Acupuncture treatment	1-2 minutes		1-4 minutes		Once a day
manilian function	1-2 minutes		1-4 minutes		Once a day
Heel spurs	1-2 minutes		1-4 minutes		Once a day
Stress	1-2 minutes		1-4 minutes		Once a day
Nerve pain most effect on pads if larger area	1-3 minutes		1-4 minutes		until desired effect
Ligament damage / distortion	2-4 minutes		3-5 minutes		until desired effect

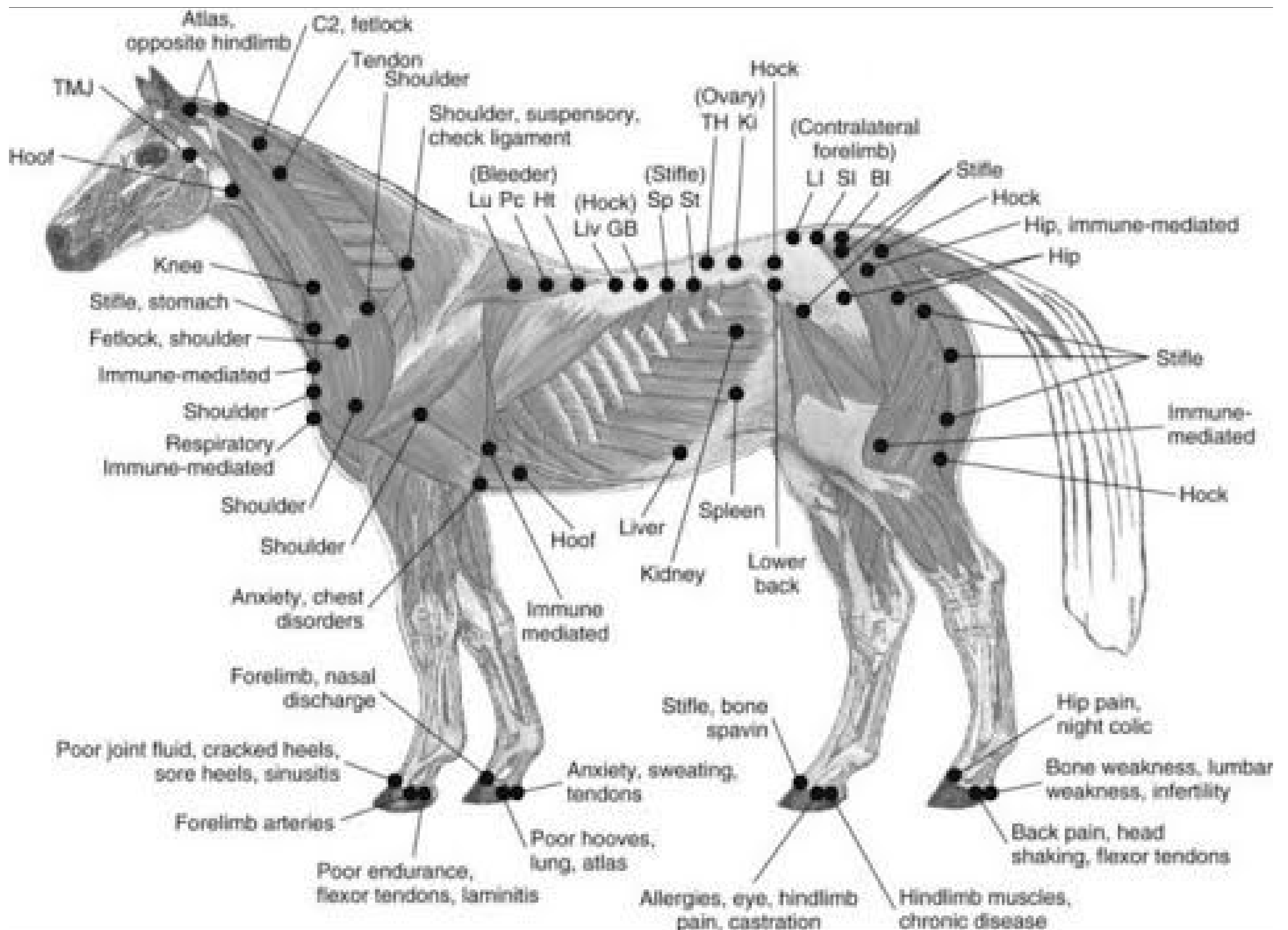
*depending on how severe the damage is

The guide is intended as a guide only, always consult your veterinarian or therapist.

WAVE RLT PEN & triggerpoints

You can use the acupuncture points found on horses.
You can also use it directly on wounds or sacoids, fungal infections or other skin diseases.

Here you have a drawing of the areas you can affect.
But always consult a veterinarian when in doubt.



Triggerpoints in the horses head

You can use the acupuncture points found on horse with both WAVE RLT PEN & WAVE RLT Pads

You can also use it directly on wounds or sacoids, fungal infections or other skin conditions.

Here you have a drawing of the areas you can affect.

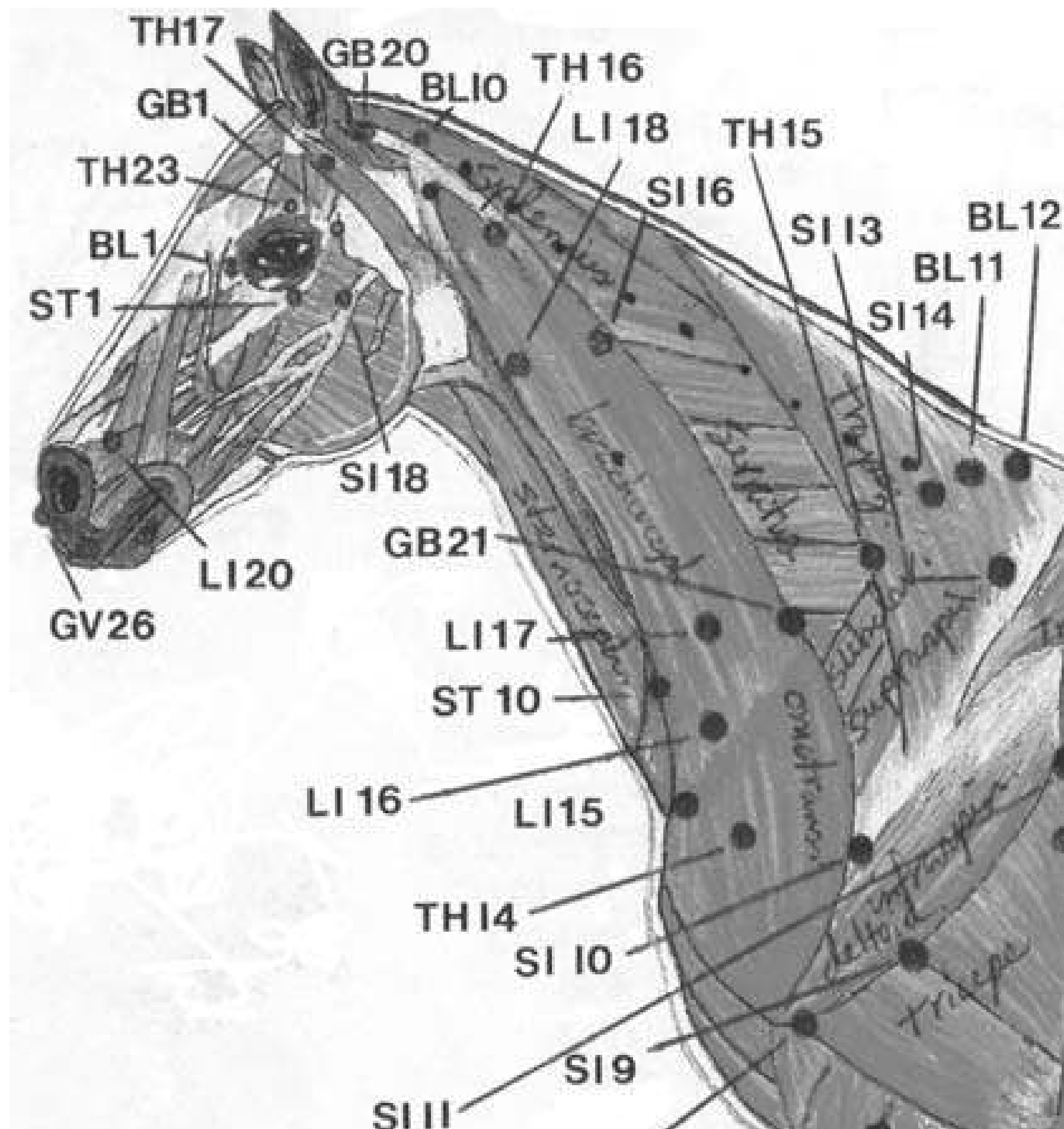
But always consult a veterinarian when in doubt.

They will definitely want to show you where you can provide treatment on your horse.

Remember that light therapy has no side effects.

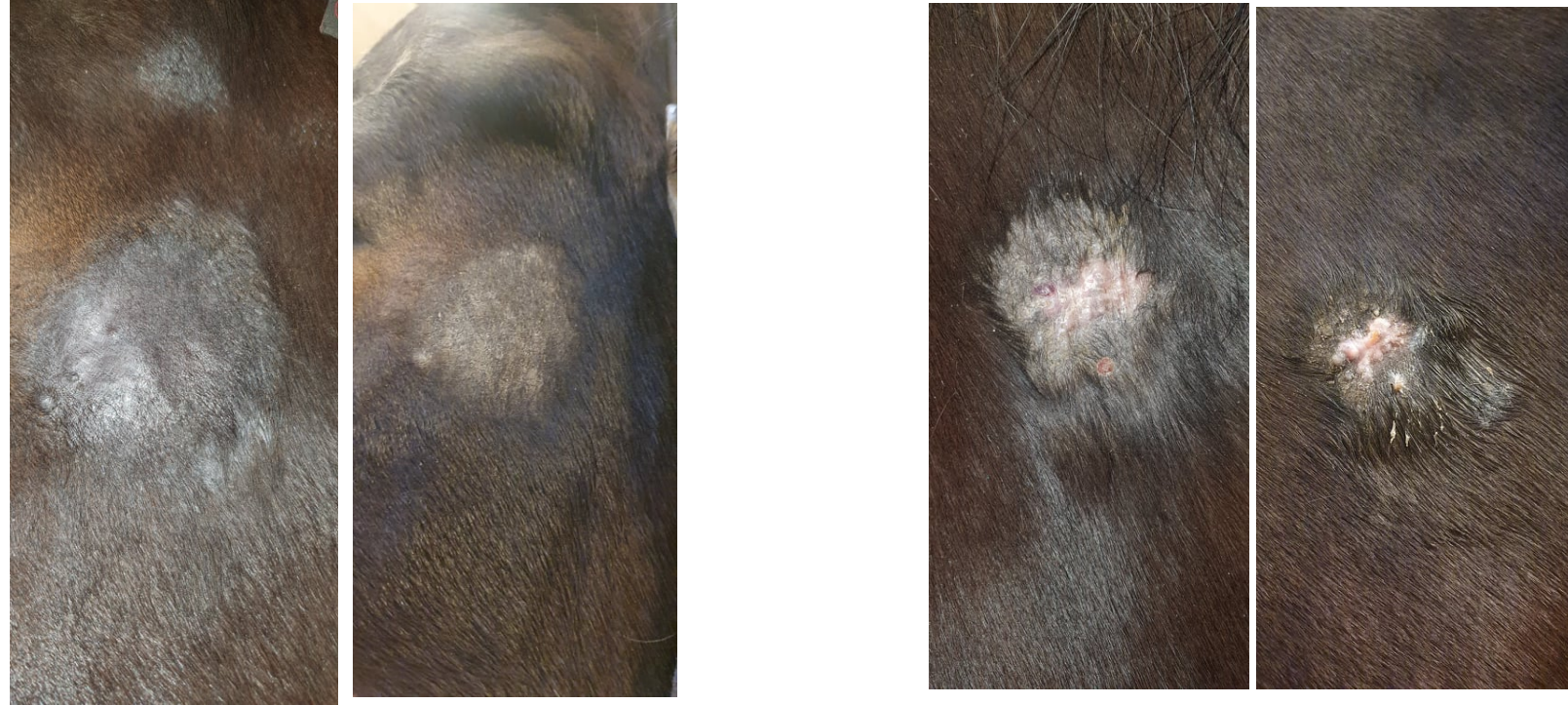
So it is safe for you to use.

Remember to keep the light away from eyes - and never look directly into the WAVE RLT PEN!



Before & After

Sacoid on horse
Before & after 1 week of
treatment, ones a day



Fungal infection
2 weeks between photos



Before and after
1,5 month between pictures





Ringkjøbing


Red Light Therapy
Wave
Part of Cavaleros

www.cavaleros.dk

Middelfartvej 6E, Dk-4200 Slagelse - Tlf.: +45 6073 7722