

Glotech™ Herpes Wand

INSTRUCTION MANUAL



LED
ESTHETICS

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1. THE BENEFIT OF LIGHT THERAPY

Congratulations on choosing the Glotech™ CURE+ Herpes Wand and regaining your self-confidence. This wand is a specially designed therapeutic device that emits infrared light with a wavelength of 1072nm ±12nm. The device is applied externally to the surface of herpes simplex labialis lesions on or around the lips to reduce healing time.

Here are five key benefits of infrared light for healing cold sore outbreaks:

- 1. Increased blood circulation:** Infrared light has the ability to penetrate deep into the skin, promoting vasodilation and increasing blood flow to the affected area. Improved circulation can enhance the delivery of oxygen, nutrients, and immune cells to the site of the outbreak, potentially supporting the healing process.
- 2. Reduced inflammation:** Infrared light therapy has been shown to have anti-inflammatory effects. By reducing inflammation in the affected area, it may help alleviate discomfort, redness, and swelling associated with herpes outbreaks.
- 3. Enhanced tissue regeneration:** Infrared light has been suggested to stimulate cellular activity and promote tissue regeneration. This may contribute to faster healing and the repair of damaged skin resulting from herpes outbreaks.
- 4. Pain relief:** Herpes outbreaks can often be accompanied by pain and discomfort. Infrared light therapy has been utilized for its potential analgesic (pain-relieving) properties. By targeting the affected area, it may help alleviate pain and provide relief during outbreaks.
- 5. Immune system support:** Infrared light therapy has been shown to modulate the immune response, potentially enhancing the body's natural defenses against infections like herpes. By promoting a balanced immune system, it may contribute to faster healing and a

reduced frequency of outbreaks.

IMPORTANT – INFRARED LIGHT IS INVISIBLE! This wand contains an indicator light in the tip of the wand that lights up green when the device is powered on and functioning properly. This is the only light you will see, but don't worry... Your wand is working!

To prove your wand is working, please place the included filter card directly over your camera lens on your phone, turn on the wand and you will see the purple glow of the infrared lights at work on your screen.

2. HOW TO USE THE DEVICE

2.1 INDICATIONS FOR USE

Glotech™ CURE+ Herpes Wand is designed to shorten the healing time of herpes simplex labialis lesions on or around the lips. Treatment with the device should be commenced at the first symptoms of a cold sore 3 times a day with 4 hours in between each treatment for 2-5 consecutive days.

Infrared Light Detection Lens is designed to detect whether the herpes pen is working normally, because the infrared light of the herpes pen in regular operation is invisible, then we need to open the rear camera of the mobile phone, put the lens on the mobile phone camera and aim at the working wick of the herpes pen, when you see the light from the wick on the phone screen, it proves that the herpes pen is working properly.

2.2 OPERATION INSTRUCTIONS

1. ENSURE THE DEVICE IS FULLY CHARGED

Follow the charging instructions below to ensure the device is fully charged prior to use.

2. CLEANSE THE AFFECTED AREA AND CLEAN THE DEVICE

Gently cleanse the affected area that will undergo treatment with a mild cleanser to ensure that all salves, balms or other topical creams are fully removed. Clean the device with 70-80% alcohol on a cotton ball.

3. TURN ON THE DEVICE

Press the power button at the bottom of the wand for 0.5 seconds to turn the device on. Once powered on, the device will vibrate and the red indicator light in the wand tip will light up.

IMPORTANT NOTE -- Infrared light is invisible! This wand contains an indicator light in the tip of the wand that lights up green when the device is powered on and functioning properly.

4. COMPLETE A TREATMENT

Hold the tip of the wand to the affected area for 3 minutes without moving it. The device will automatically power off after 3 minutes, which will be indicated by a vibration and the red indicator light going off. Wait 4 hours before completing another treatment.

5. CLEAN AND STORE THE DEVICE

Clean the device with diluted alcohol after each use. Only clean while device is powered off and unplugged

2.3 CHARGING

Charge your wand fully for 4 hours before your first use. Only use a 5V adapter (avoid fast chargers as they can damage the battery).

To charge the wand, insert the USB-C end of the charging cable into the wand. Insert the larger USB-A end into a 5V USB power supply.

When charging, the LED indicator on the side of the wand flashes white.

When the battery is fully charged, the indicator will be steady.

Before charging, make sure that the plug and socket are completely dry. Failure to do so may result in electric shock, short circuit, or fire.

Note: Always unplug the wand from the charging cable before use. It will not work while being charged.

2.4 CARE AND STORAGE

The lifetime of the Lithium battery can be maximized by allowing it to fully charge and then fully discharge during regular use. Avoid charging longer or more frequently than necessary.

Store the device at room temperature in dry conditions.

Store the device in the supplied travel case. Make sure the device will not get crushed during storage or travel.

The product has a lifecycle of approximately two years under normal use.

2.5 CLEANING

Clean the device with an alcohol-based wipe or lightly damp clean cloth. Stubborn stains can be removed by wiping gently with 70% alcohol.

DO NOT use any other cleansing Devices as these may damage the Device.

DO NOT clean the device while it is turned on or while charging.

DO NOT submerge the device in any liquid. It is **NOT** waterproof.

2.6 DISPOSAL

DO NOT dispose of the device with household waste. The Device should be recycled. The Device contains a Lithium-ion battery. For protection of the environment, please safely dispose of the device following your local guidelines.

3. PRODUCT INFORMATION

3.1 SPECIFICATIONS

LED WAVELENGTH	1072nm \pm 12nm
POWER DENSITY	20-65 mw/cm ²
LED BULBS	2 Dual-core LEDs
TREATMENT TIME	3 minutes, 3 times per day
OPERATING ENVIRONMENT	Temperature: -5°C to +35°C Pressure: 80kPa to 106kPa Humidity: 0%-90%RH
STORAGE ENVIRONMENT	Temperature: -30°C to +55°C Pressure: 80kPa to 106kPa Humidity: 0%-90%RH
CHARGING CABLE	USB-C to USB-A

3.2 DEVICE ACCESSORIES

- Glotech™ CURE+ Herpes Wand
- Travel Case
- Charging Cable
- Instruction Manual
- Infrared Light Detection Lens

3.3 ADVERSE REACTION

If you have any adverse reaction, such as discomfort, skin discoloration, skin irritation or other concerns, from using this device, stop using it immediately and consult your health professional.

3.4 WARNINGS & PRECAUTIONS

Single patient use only. Do not share the device with anyone else.

Consult your doctor prior to use if you are: Pregnant; Are taking drugs known to cause sensitivity of the skin to light; Have any suspicious or cancerous lesions; Recently had a steroid injection or used topical steroids

For use by adults age 21 years and over.

Unplug the device from socket when it is fully charged to avoid damaging battery.

Do not use the device if the device operates abnormally or if the device is broken or damaged.

Do not store the device in direct sunlight, hot, or humid areas. When not in use, remove the cord and store the device in a dry environment.

Do not exceed 3 minutes of use in one therapy session. Treating for longer than the specified time will not result in your cold sore healing faster.

Do not use the device to treat cold sores that are bigger than the active treatment area.

3.5 DISCLAIMER

Do not use the device to treat any other conditions apart from the conditions that are indicated in the Indications for Use statement in Chapter "How to use the device." The device is not intended for use in the diagnosis of disease or other conditions or in the cure, mitigation, treatment or prevention of disease, nor is it intended to affect the structure or function of the body.

4. POTENTIAL RISKS

Immediately after treatment skin may appear red. Skin should return to normal within 1-2 hours. Temporary headaches may appear after the light treatment. Consult your health professional if the headaches last for a longer period of time.

5. LIGHT SENSITIVITY TEST

We highly recommend users perform a light sensitivity test before their first use of the device.

1. Turn on the device and hold to one spot on inner forearm
2. Wait for 3 minutes to complete a treatment.
3. If your skin feels hot or uncomfortable during the treatment, immediately stop. You might be sensitive to light.
4. The device will automatically turn off after the treatment is done. Remove the device and wait for at least 24 hours.

Check your skin regularly over those 24 hours, if your skin appears red and/or itchy the device is unsuitable for you.

6. WARRANTY

This Device is warranted to be free from defects in material and workmanship for 12 months from its original purchase date under normal use. This warranty only extends if the device is used in conjunction with authorized Device accessories. If the Device should become defective within the warranty period, contact our customer support. This warranty does not cover damage caused by:

- Accident, misuse, abuse, or alteration.
- Use with unauthorized accessories or use other than instructed.
- Connecting to incorrect current and voltage.

LED Esthetics shall not be responsible for any incidental, special or consequential damages resulting from the use of this Device.

7. CONTACT INFORMATION

LED Esthetics

ledesthetics.com/contact

hello@ledesthetics.com

8. SAFETY & EMC

Guidance and manufacturer's declaration – electromagnetic emissions		
The Cold Sore Device is intended to use in the electromagnetic environment specified below. The customer or the user of the Cold Sore Device should assure that it is used in such an environment.		
Emissions	Compliance	Electromagnetic environment-- guidance
RF emissions CISPR 11	Group 1	The device's RF emissions are considered to be low and not likely to cause interference in nearby electronic equipment.
RF emissions CISPR 11	Class B	The Cold Sore Device is suitable to be used in all establishments, including domestic establishments and those directly connected to the public low-voltage power supply network that supplies buildings used for domestic purposes.
Harmonic emissions IEC 61000-3-2	Not applicable	
Voltage fluctuations/ flicker emissions IEC 61000-3-3	Not applicable	

Guidance and manufacturer's declaration – electromagnetic immunity


The Cold Sore Device is intended to use in the electromagnetic environment specified below. The customer or the user of the Cold Sore Device should assure that it is used in such an environment.

Immunity test	IEC 60601 test level	Compliance level	Electromagnetic environment --guidance
Electrostatic discharge (ESD) IEC 61000-4-2	±8 kV contact ±2KV, ±4KV, ±8KV, ±15KV air	±8 kV contact ±2KV, ±4KV, ±8KV, ±15KV air	Floors should be wood, concrete or ceramic tile. If floors are covered with synthetic material, the relative humidity should be at least 30 %.
Electrical fast transient/burst IEC 61000-4-4	±2 kV 100 kHz repetition frequency	±2 kV 100 kHz repetition frequency	Mains power quality should be that of a Home Healthcare Environment
Surge IEC 61000-4-5	± 1kV Line-to-line	± 1kV Line-to-line	Mains power quality should be that of a Home Healthcare Environment

<p>Voltage dips, short interruptions and voltage variations on power supply input lines IEC 61000-4-11</p>	<p>0 % UT; 0,5 cycle (At 0°, 45°, 90°, 135°, 180°, 225°, 270° and 315°)</p> <p>0 % UT; 1 cycle and 70 % UT; 25/30 cycles (Single phase: at 0°)</p> <p>0 % UT; 250/300 cycle</p>	<p>0 % UT; 0,5 cycle (At 0°, 45°, 90°, 135°, 180°, 225°, 270° and 315°)</p> <p>0 % UT; 1 cycle and 70 % UT; 25/30 cycles (Single phase: at 0°)</p> <p>0 % UT; 250/300 cycle</p>	<p>Mains power quality should be a Home Healthcare Environment. If the user of the Cold Sore Device requires continued operation during power mains interruptions, it is recommended that the Cold Sore Device be powered from an uninterruptible power supply or a battery.</p>
<p>Power frequency (50/60 Hz) magnetic field IEC 61000-4-8</p>	<p>30 A/m</p>	<p>30 A/m</p>	<p>Power frequency magnetic fields should be at levels characteristic of a Home Healthcare Environment</p>
<p>NOTE UT is the a.c. mains voltage prior to application of the test level</p>			

Guidance and manufacturer's declaration – electromagnetic immunity

The Cold Sore Device is intended to use in the electromagnetic environment specified below. The customer or the user of the Device should assure that it is used in such an environment.

Immunity test	IEC 60601 test level	Compliance level	Electromagnetic environment – guidance
Conducted RF IEC 61000-4-6 Radiated RF IEC 61000-4-3	3 Vrms 0,15 MHz and 80 MHz 6 Vrms in ISM and amateur radio bands between 0,15 MHz and 80 MHz	3 Vrms 0,15 MHz and 80 MHz 6 Vrms in ISM and amateur radio bands between 0,15 MHz and 80 MHz	Portable and mobile RF communications equipment should be used no closer to any part of the Cold Sore Device, including cables, than the recommended separation distance calculated from the equation applicable to the frequency of the transmitter. Recommended separation distance $d = 1,2\sqrt{P}$ $d = 1,2\sqrt{P} \quad 80 \text{ MHz to } 800 \text{ MHz}$ $d = 2,3\sqrt{P} \quad 800 \text{ MHz to } 2,7 \text{ GHz}$ Where P is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer and d is the recommended separation Distance in meters (m). Field strengths from fixed RF transmitters, as determined by an electromagnetic site survey, a should be less than the compliance level in each frequency range. b Interference may occur in the vicinity of Equipment marked with the following symbol: 
	10 V/m 80 MHz to 2.7GHz 80 % AM at 1 kHz	10 V/m 80 MHz to 2.7GHz 80 % AM at 1 kHz	

NOTE 1 At 80 MHz and 800 MHz, the higher frequency range applies.

NOTE 2 These guidelines may not apply in all situations.

Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

a. Field strengths from fixed transmitters, such as base stations for radio (cellular/cordless) telephones and land mobile radios, amateur radio, AM and FM radio broadcast and TV broadcast cannot be predicted theoretically with accuracy. To assess the electromagnetic environment due to fixed RF transmitters, an electromagnetic site survey should be considered. If the measured field strength in the location in which the Cold Sore Device is used exceeds the applicable RF compliance level above, the Cold Sore Device should be observed to verify normal operation. If abnormal performance is observed, additional measures may be necessary, such as re-orienting or relocating the Cold Sore Device.

b. Over the frequency range 150 kHz to 80 MHz, field strengths should be less than 10 V/m.

Recommended separation distances between portable and mobile RF communications equipment and the Cold Sore Device

The Cold Sore Device is intended to use in an electromagnetic environment in which radiated RF disturbances are control RGB. The customer or the user of the Cold Sore Device can help prevent electromagnetic interference by maintaining a minimum distance between portable and mobile RF communications equipment (transmitters) and the Cold Sore Device as recommended below, according to the maximum output power of the communications equipment.

Rated maximum output power of transmitter (W)	Separation distance according to frequency of transmitter (m)		
	150 kHz to 80 MHz $d = 1,2\sqrt{P}$	80 MHz to 800 MHz $d = 1,2\sqrt{P}$	800 MHz to 2.7 GHz $d = 2,3\sqrt{P}$
0.01	0.12	0.12	0.23
0.1	0.38	0.38	0.73
1	1.2	1.2	2.3
10	3.8	3.8	7.3
100	12	12	23

For transmitters rated at a maximum output power not listed above, the recommended separation distance d in meters (m) can be estimated using the equation applicable to the frequency of the transmitter, where P is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer.

NOTE1 At 80 MHz and 800 MHz, the separation distance for the higher frequency range applies.

NOTE2 These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

QD-11D 说明书

成品尺寸:60*78mm

材料&工艺:封面封底157g双铜4C+过哑胶,反面过哑油,
内页105g双铜,4C+双面过哑油

骑马钉