

Low-level Laser Therapy Wristband



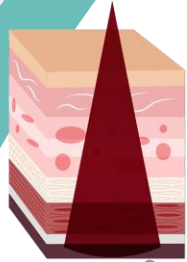
Where health begins

About LLLT

Low-level laser therapy (LLLT) is a rapidly developing method used in medicine for the treatment and prevention of various diseases.

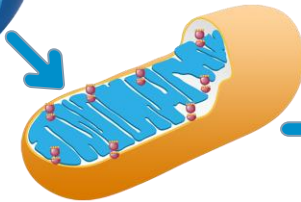
Mechanism of LLLT in tissue

905 nm



1

Laser light is delivered to the tissue via a probe in contact mode with surface of the skin



An increase in ATP, the main energy source for the majority of cellular functions, increases the cell's ability to fight infection and accelerates the healing process



The modulation of ROS activates transcription factors positively impacting cellular repair and healing



The release of NO, a potent vasodilator, increases circulation, decreases inflammation and enhances the transport of oxygen and immune cells throughout the tissue

2

The light enters the cell's mitochondria and is absorbed by the chromophores, including the cytochrome c oxidase (CCO) which then increase its activity

3

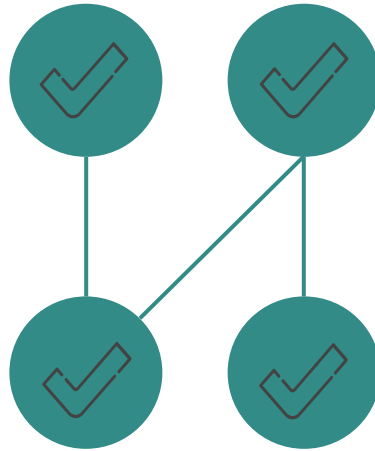
As a result of this heightened activity, three molecules are affected:

- Adenosine Triphosphate (ATP)
- Reactive Oxygen Species (ROS)
- Nitric Oxide (NO)

Key effects of LLLT

stimulation of immune
system
increase of antioxidant
activity of blood

increase of nonspecific
resistance of the
organism



stimulation of
regenerative processes
normalization of
metabolism

improvement of
rheological properties of
the blood

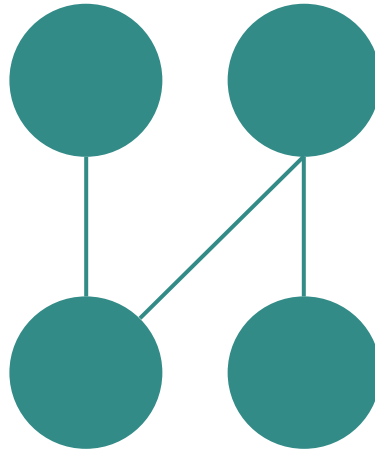
Key effects of LLLT

Preventive medicine

Treatment and prevention of cardiovascular diseases, disorders of immune and muscular systems

Stimulation of immunity

stimulation of cellular / humoral immunity and macrophage phagocytic activity



Resistance

Development of the body's resistance to pathological environmental factors and endogenous risk factors of different diseases

Hemostasis

Improvement of the rheological properties of blood

LLLT Wristband



It is a bracelet that is attached to the wrist, and the radiating unit is located on the back side.



The device consists of laser and LEDs, battery, Bluetooth module, skin touch sensors.



Control your therapy by the application on the smartphone



You don't need to attend a physician - just put the bracelet on the wrist and set a schedule of the procedures.

LLLT Wristband



You don't need to visit hospitals on regular basis - only several consultations with a qualified specialist to select the schedule of the treatment



The device consists of laser and LEDs, battery, Bluetooth module, skin touch sensors.



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Advantages of

LLLT wristband

01

Hypoallergenic

03

No thermal damage of the skin

02

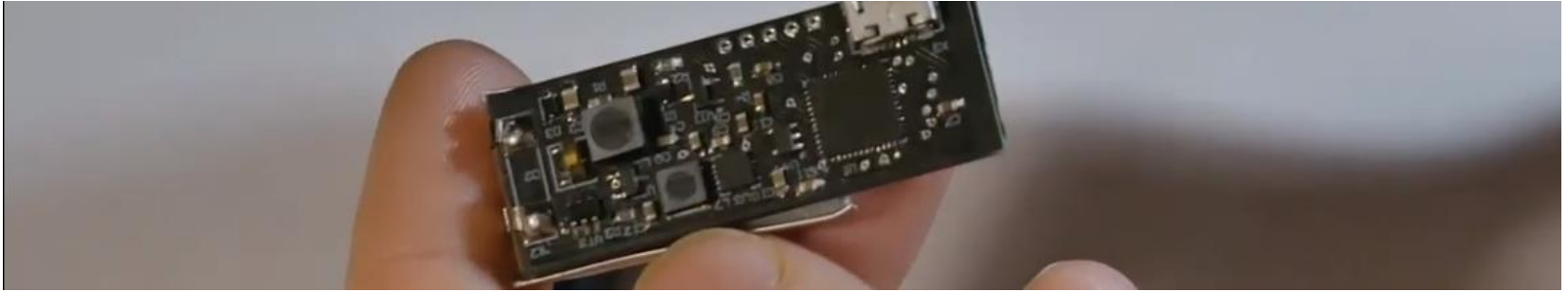
Non-invasive

04

Low spectrum of contraindications

Advantages

Low-Level-Laser Therapy Wristband combines the therapeutic capabilities of low-level laser radiation and the ergonomics of a fitness tracker



Low weight



Suitable for daily use



Dust/moisture protection



Doesn't limit movements



Benefits

Life quality

Improvement the quality of life and life expectancy

Price

Affordable price for the therapy at home in comfortable conditions

Comfort

You don't need to visit hospitals on regular basis - only several consultations with a qualified specialist to select the schedule of the treatment

Prospectives

The prospects for further development of technology in the market of wearable medical devices

Checklist

	Strategy 1	Strategy 2	Strategy 3	Strategy 4
Describe here your task 1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Describe here your task 2	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Describe here your task 3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Describe here your task 5	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Analog

	LLLT Wristband	Azor-VLOK	DMC THERAPY ILIB	Haemo-Laser
Wavelength 905 nm	●	●	●	●
Non-invasive	●	●	●	●
Safety class 1M	●	●	●	●
Power 70W in impulse	●	●	●	●
Easy-to-use	●	●	●	●
Comfortable size	●	●	●	●

Our Team



1

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