



**B-Cure Laser is a patented clinically proven medical device that effectively treats pain, orthopedic conditions and chronic wounds.**



**COMPANY PRESENTATION**



**GOOD  
ENERGIES®**

**B-CURE®  
LASER**



GOOD  
ENERGIES®



## ABOUT GOOD ENERGIES

- Good Energies Ltd. Is an international company which developed the innovative B-Cure Laser product for treating pain, orthopaedic disorders, wounds and inflammation.
- Over 300,000 B-Cure Laser devices sold world wide.
- The company have received orders from the National Health Service (NHS) of the United Kingdom.
- The company's production line is outsourced to a manufacturing facility in HK.
- New products are currently in our pipeline.



# THE CHALLENGE PAIN MARKET

- A comprehensive survey in 17 European countries showed that **20%** of the population suffers from **chronic pain**\*
- In recent years there has been a push by regulatory agencies towards medical devices, characterized by **less intensive side effects than painkillers**, such as opioids.



**212M**

opioid  
prescriptions in the  
US in 2017



**110K**

People in the US died  
in 2022  
of pain medication  
overdose \*\*

# SOLUTIONS MUSCULOSKELETAL PAIN

## Painkillers

Pain medication is the most common form of treatment prescribed.

Today, there is raised awareness about the negative side effects, particularly addiction.



## Physical Treatments

The most widely practiced physical treatments being physiotherapy, chiropractic methods and osteopathy in addition to renowned ultrasound, shockwave, acupuncture, shiatzu and reiki.



## Phototherapy

Advanced Low Level Laser Therapy (LLLT) device for pain and orthopedic problems, can be used in clinics, hospitals and at home.





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LASER

# B-CURE LASER

TAKE CONTROL OF YOUR PAIN



# WHAT IS B-CURE LASER?

## ESSENTIAL IN EVERY HOME AND CLINIC!

- A low-level laser therapy treatment (LLLT) that is effective for treating acute and chronic pain, orthopaedic conditions, sports injuries and wounds.
- It is safe, clinically proven, portable and rechargeable, so it can be used both at home and in the clinic.
- B-Cure Laser products are recommended by leading professionals worldwide.
- Photobiomodulation (PBM) treats the pain and its source, utilizing a non-invasive bio-stimulating treatment.
- Years of experience have resulted in no known side-effects, with long lasting results, with as little as a few minutes use, twice a day.
- B-Cure Laser is a Class 2a medical device marked CE 0197, cleared by Health Canada and ANVISA approval.



# HOW DOES IT WORK?

## Intracellular Action

Treatment with LLLT increases oxidation of the cytoplasm, changes intracellular homeostasis by activating intracellular enzymes

Also causes increased production of ATP by the mitochondria.



## Blood Vessels

Changes in local and systemic microcirculation, which reduce inflammation and lower the level of pain.

The improvement in perfusion is related to synthesis of nitric oxide.



## Extracellular Action

The laser's impact is at tissue level; reduction of pro-mediators of inflammation in the tissue.

This reduces the introduction of neutrophil granulocytes, oxidative stress, inflammation and bleeding .

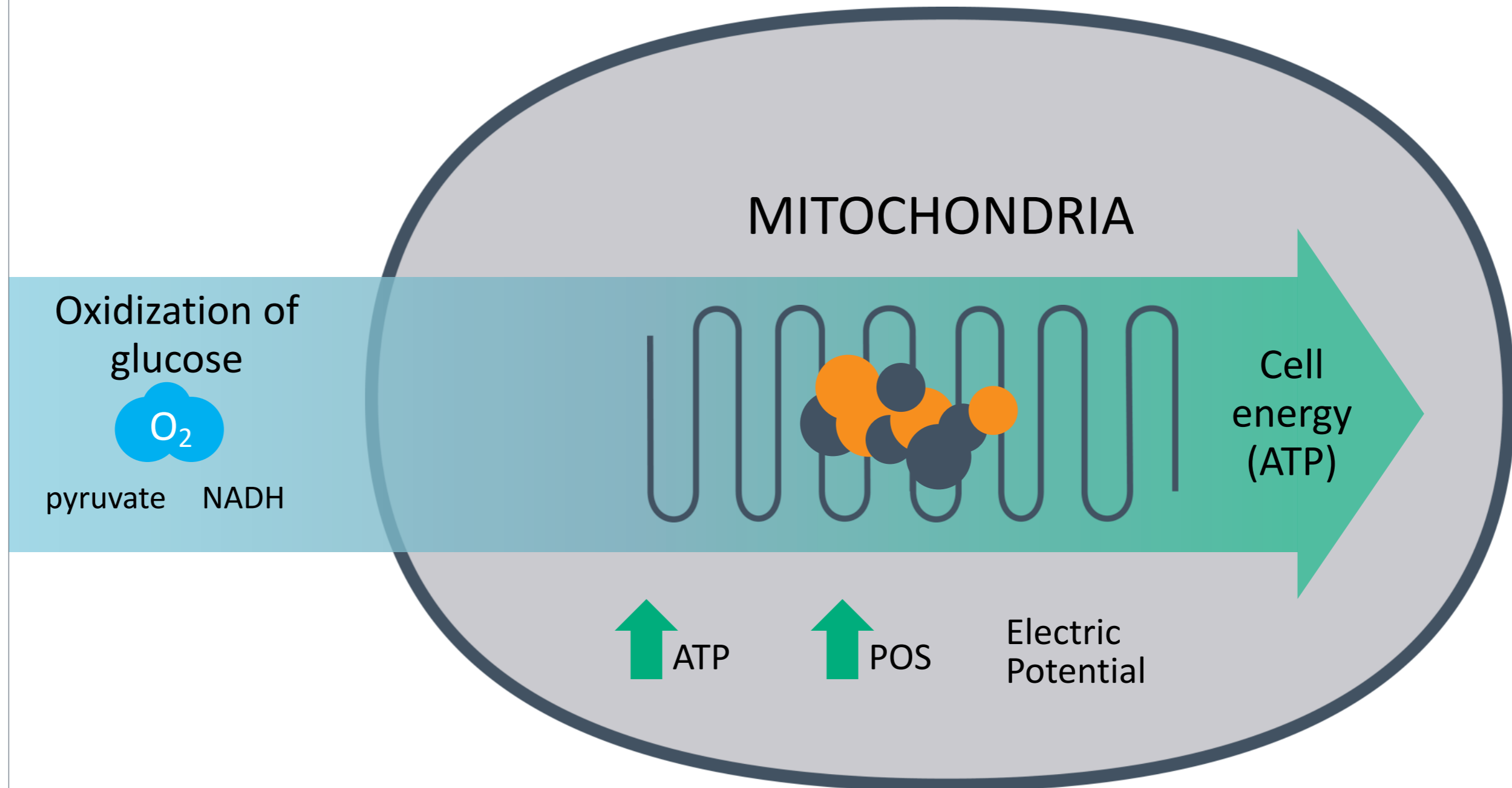




# HOW DOES IT WORK?

## Normal Cell

Promotes wound healing | Reduces inflammation | Reduces pain



# BENEFITS TO THE PATIENTS



## REDUCE PAIN

Decreases the pain level and inflammation, shortens the time spent in recovery and rehabilitation which overall, improves the quality of life.



## SAFE

All family member usage, without the need for protective goggles



## INNOVATION

The innovative treatment employs a low level of light, which is non-invasive and does not require an invasive procedure into the body.



## COST EFFECTIVE

One medical device that helps the whole family, and treats all the approved treatment areas.



## EASY TO USE

Portable and rechargeable, so it can be used both at home and in the clinic.



**BENEFITS  
FOR THERAPISTS**

### **EFFECTIVE TREATMENT**

For treating pain, orthopedic conditions, inflammation, sports injuries and wounds. Increases the speed of recovery and rehabilitation.

### **ADVANCED TECHONOLY**

B-Cure Laser works on the cellular level and biostimulates the body to heal itself. Helping you to reduce inflammation and to perform hands-on therapies.

### **MAXIMIZED RESULTS**

Patients who need daily sessions can take the device with them and it can be used throughout the day in order to achieve maximum results in the shortest amount of time.

### **EXTENDING THERAPIES**

With the device you can reach into deep tissue, joints, arthritis in the knees, the lower back and hips. Areas that you're unable to reach with your hands.

### **PATIENTS SATISFACTION**

Reduced pain level and inflammation which leads to an Increase in patient satisfaction and therapy compliance.

# B-CURE LASER'S CLINICAL TRIALS

B-Cure Laser's efficacy for the treatment of pain and wounds has been proven in 6 double blind clinical trials. 2 other clinical trials are in process.

- A successful clinical trial involving 90 patients on joint-Related Pain, has shown that the efficacy of B-Cure Laser was similar to that of pain relief medication. Significance -  $p < 0.01$ .
- On a double-blind clinical trial, involving 50 patients following rotator cuff arthroscopic surgery, B-Cure Laser significantly accelerated subjective pain reduction at 3 and 6 months. B-Cure also significantly accelerated improvement in functionality, rehabilitation and quality of life at 6 months. Significance -  $p < 0.05$ .



**Joint-Related Pain (TMJ)**  
Sapienza University



**Laminectomy**  
Sao Paulo Hospital



**Shoulder Surgery**  
Holy Family Hospital



**Diabetic Wounds**  
Hadassah Medical Center



**Dental Implantation**  
PERM University



**Joint-Related Pain (TMJ)**  
University of Parma

# CLINICAL TRIALS PHYSIOTHERAPY & LLLT

In a double-blind clinical trial, involving 50 patients with shoulder pain and rotator cuff disorders, 25 patients received only physiotherapy. The other 25 patients were assigned to the experimental group and received conventional therapy plus LLLT.

Laser combined with conventional physiotherapy has superiority over routine physiotherapy from the view of decreasing pain and improving the patient's function.  $P < 0.05$

Published: 04 November 2011


<https://link.springer.com/article/10.1007/s10103-011-1001-3>

[Home](#) > [Lasers in Medical Science](#) > [Article](#)

## Effects of low-level laser therapy in combination with physiotherapy in the management of rotator cuff tendinitis

Original Article | Published: 04 November 2011

Volume 27, pages 951–958, (2012) [Cite this article](#)

[Fariba Eslamian](#) , [Seyyed Kazem Shakouri](#), [Morteza Ghojazadeh](#), [Ozra Eslampanah Nobari](#) & [Bina Eftekharsadat](#)

 3751 Accesses  33 Citations  2 Altmetric [Explore all metrics](#) →

### Abstract

Rotator cuff tendinitis is one of the main causes of shoulder pain. The objective of this study was to evaluate the possible additive effects of low-power laser treatment in combination with conventional physiotherapy endeavors in these patients. A total of 50

# PROFESSIONAL RECOMMENDATIONS

International guidelines recommend the **"use of low level laser therapy for treatment of Oral Mucositis"**.  
(November 2018)



American College of Physicians' guidelines include a **"strong recommendation"** for Low-Level Laser Therapy as a non invasive treatment for **acute, subacute & chronic low back pain**.  
(April 2017)



**"We show that LLLT reduces pain immediately after treatment in acute neck pain** and up to 22 weeks after completion of treatment in patients with chronic neck pain".  
(December 2009)



# PROFESSIONAL RECOMMENDATIONS



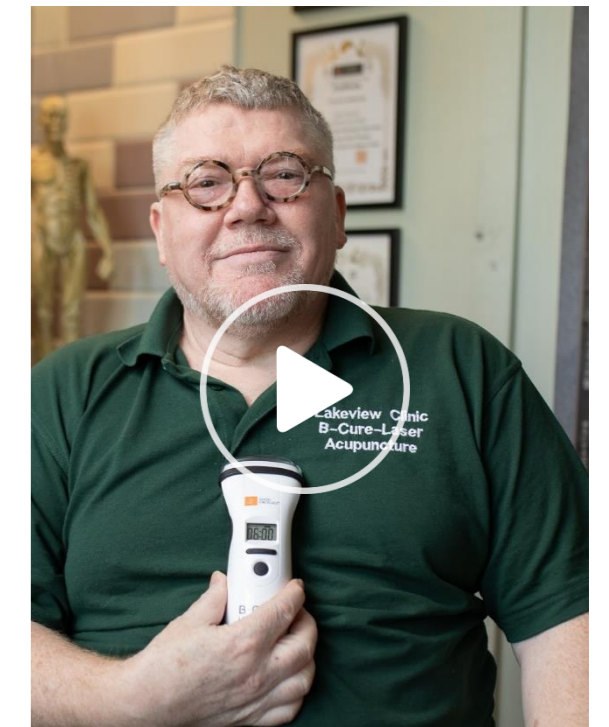
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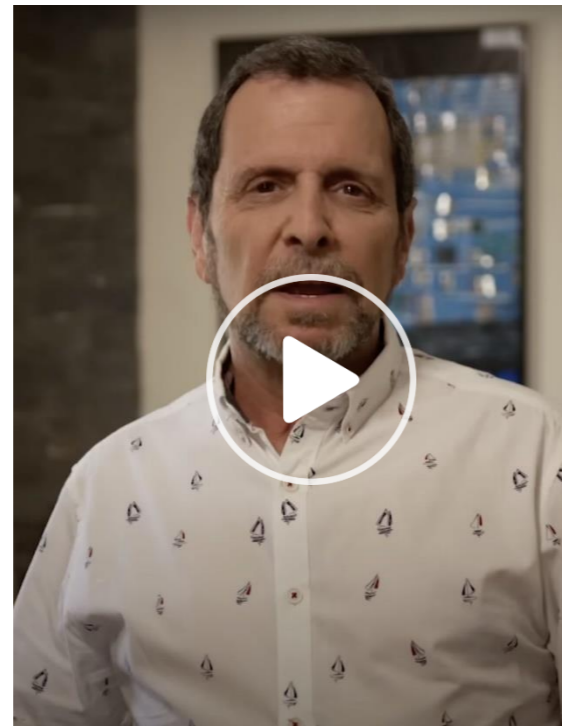
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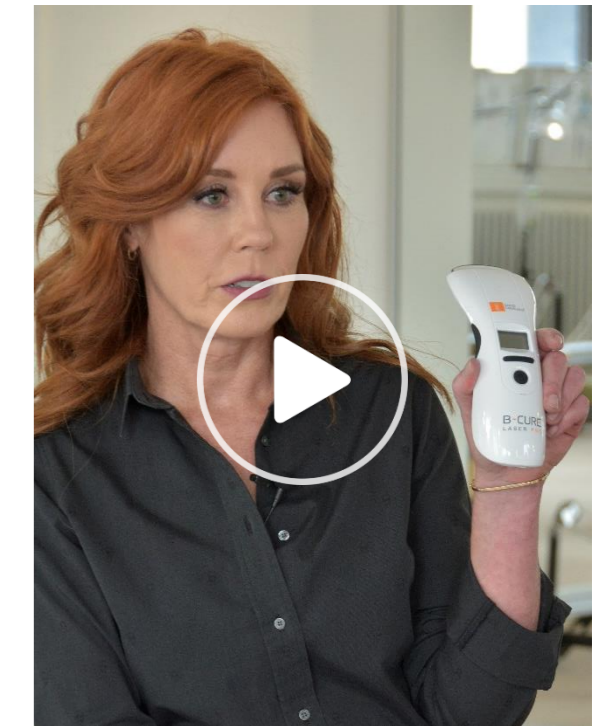
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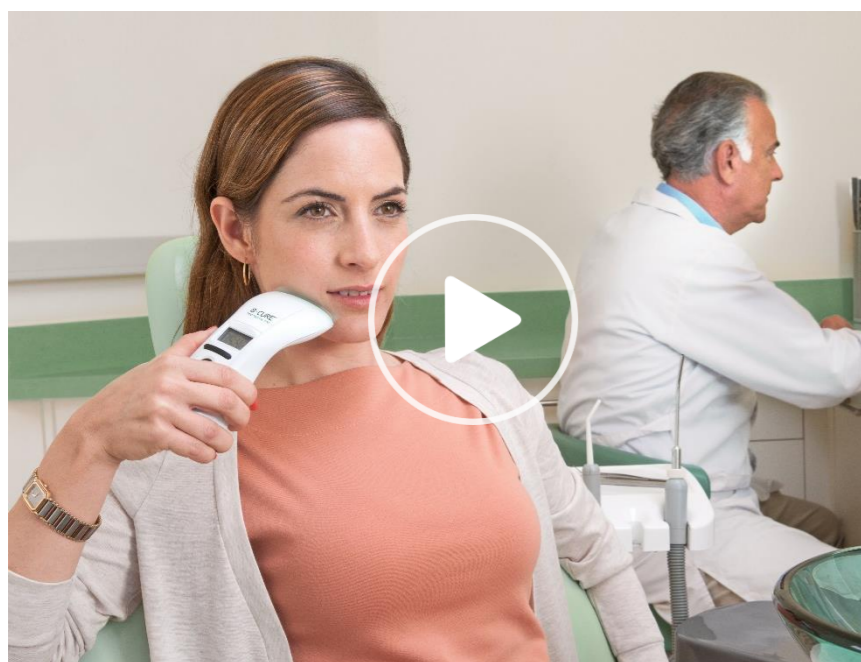
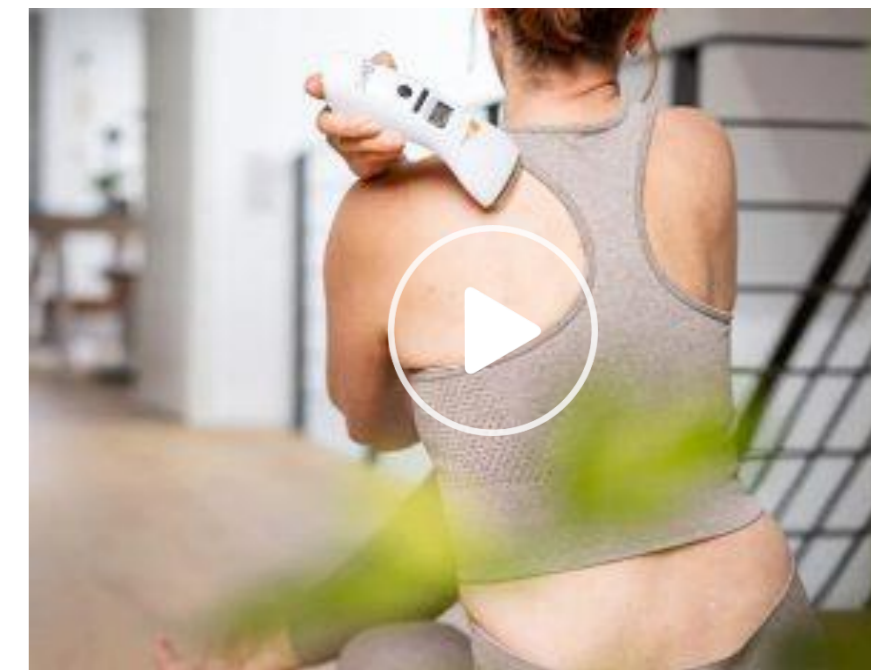
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Physiotherapist, CA

# OPERATING INSTRUCTIONS AND TREATMENTS PROTOCOLS



**LASER THERAPY WITH DUAL EFFECT**  
**TREAT THE PAIN & HEAL ITS SOURCE**



# SAFETY PRECAUTIONS AND CONTRAINDICATIONS

## Safety precautions:

- ❖ Never aim the laser beam at the eyes.
- ❖ If you are pregnant do not use the device to treat the abdomen.
- ❖ Do not treat an area with a malignant tumor.

## Contraindications:

- ❖ NONE



# B-CURE LASER GRANTED PATENTS

## Patent protected technology

Electro-optic mechanism that enables free flow of the laser beam. Covers a large treatment area of 4.5 cm<sup>2</sup>, with an effective coherent beam



## Patent registration

Patent registered in significant countries including: USA, Canada, China, Brazil, Europe and Israel  
IP: 8,790,382 / 9,358,402 / 9,056,198



## No need for protective eyewear

Thanks to the patented, innovative electro-optics mechanism





For questions and schedule a meeting please contact: [itayavni@bcurelaser.co.il](mailto:itayavni@bcurelaser.co.il)



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