The world’s best portable soft-laser medical device

With the Healing Power of a Clinic

OPERATING MANUAL AND RECOMMENDED TREATMENT DOSAGES

For professional and home adjunctive use in therapy of: Carpal tunnel syndrome, fibromyalgia, myofascial pain syndromes (e.g. knee pain, low back pain, neck/upper back pain, muscle pain etc.), joint disorders/arthritides (e.g. Achilles tendinitis, tennis elbow etc.), medical skin conditions (e.g. acne, herpes simplex, wound healing, fresh and old surgical wounds or scars, skin wounds, burns etc.), post-pregnancy stretch marks (striae gravidarum), inflammation, dental medicine, acupuncture and sports injuries.

www.gd-energies.com
CONGRATULATIONS!

You are holding the best portable soft-laser medical device. This manual will help you benefit from the most advanced, professional and effective therapy of the 21st century - anywhere and any time you need it.

It is the cutting edge technology in soft-laser therapy: a light, portable, rechargeable device, friendly to both caregiver and patient, with clinical healing power equal to soft-laser devices used only in hospitals and prestigious clinics.

Before operating your B-CURE® LASER - please read the operating manual and treat according to the recommended dosages.

We, at Good Energies, are always happy to hear from you. Please feel free to contact us with your own stories of success, or with any comments or questions you may have.
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1. Identification of the Parts

1. Power button - main operating button for switching the device on and off.
2. Timer button - button for setting the treatment time.
3. Timer - LCD display of treatment time, device status, and trouble shooting.
4. Treatment start button.
5. Contact start button - area for pressure operation onto the treated area (green light indicates when the device is operating).
6. Connection point for the charger.
7. Batteries compartment.

Part 1: Operating Instructions for B-CURE® LASER LLLT-808
2. Charging and Replacing the Batteries with new ones

In some cases the device comes with partially charged batteries. It is always recommended to fully charge the device before use. Insert the three AAA rechargeable batteries into the battery compartment in accordance with the instructions in the illustration on the right. Connect the charger to an electrical socket. Connect the plug from the charger to the charger connection point on the device (No. 6; see identification of parts on page 4). During the first charge nothing will appear on the LCD screen (No. 3) for the first several seconds; eventually the letters “CHRG” will appear. When the batteries are fully charged, the “FULL” indication will appear on the LCD screen. Sometimes the dots on the right will keep on moving as if charging continues, however the batteries are fully charged and the treatment may start. Charging time is approximately 5 hours.

The device should not be operated while being charged.
3. Switching the Device ON and Setting the Treatment Time

3.1 Switching the Device ON
Press the main operating button (No.1). A short beep will be heard and the timer (a digital clock that can be pressed to define treatment time) will be shown on the screen (No. 3).

**Warnings:**
- Only AC/DC adaptor supplied with the device is allowed for batteries charging. In case of malfunction, or if you lose the AC/DC adaptor, please contact the supplier or service center.
- Use only 1.2V AAA Rechargeable NiMH type batteries.
- Install the batteries with the correct polarity.
- Do not mix new and old batteries.
- Do not use other types of batteries to prevent the risk of fire or explosion.
- The batteries may explode if not handled with care.
- Do not disassemble, heat above 100°C, or incinerate batteries.
- Dispose of spent batteries at an appropriate collection point.
3.2 Adjusting the Timer on the LCD Screen
Press the button (No. 2) on the right (+) or on the left (-) for defining treatment time.
The timer can be adjusted by intervals of 30 seconds.
Adjust the time as required for the treatment as recommended in the Dosages Table on Page 14.

CAUTION: Never point the laser beam at anyone's eyes!

3.3 Starting a Treatment
Operation can be started in two ways:
1. Directly applying device to area of treatment:
   Operating by pressure – to be used only if there is no exposed tissue or open wound:
   Place the area for pressure operation (No. 5) on the area to be treated and gently press the device onto the skin.
The electronic micro-button will operate the laser automatically. To stop the operation, simply move the device out of contact with the skin.
2. Operating by pressing treatment start button:
   Press the treatment start button (No. 4) located on the left-hand side of the device to operate it. Releasing the treatment start button will immediately stop the operation.
3. For continuous activation of the device: after setting the treatment time, and in order to prevent the need for a long, tiring pressing, the B-Cure laser will operate continuously in the following way: with one hand press the treatment start button (No. 4), after two seconds, press simultaneously the main operation button (number 1) with a touch. Afterwards release the treatment start button (No. 4).

To stop the devices action – press lightly the treatment start button (No. 4).

The device is in operation when:
- the time shown on the timer will decrease until it reaches “00:00”. Operation will stop automatically and a beep will sound.
- the green light appears, indicating that the device is on. The laser beam of the B-CURE® device is invisible.
- you hear a “beep” at 3 second intervals to indicate that the device is operational.
4. End of Treatment and Switching the Device Off

- If the time planned for a treatment was not fully used, the timer will show the remaining treatment time. The remaining treatment time will be shown when the device is next switched ON.
- To reset any time left from a previous treatment to zero, press the main operating button (No.1) for more than 2 seconds when switching the device on.
- To switch the device off, press the main operating button for 2 seconds until a beep is sounded and nothing is shown on the display (the LCD screen will be cleared completely).
## 5. Control Panel and Troubleshooting

<table>
<thead>
<tr>
<th>Indication</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Chr9" /></td>
<td>The batteries are being charged.</td>
</tr>
<tr>
<td><img src="image" alt="Full" /></td>
<td>The batteries are fully charged.</td>
</tr>
<tr>
<td><img src="image" alt="02:15" /></td>
<td>The “*” indicates that the device is presently in operation.</td>
</tr>
<tr>
<td><img src="image" alt="02:15" /></td>
<td>Full Battery Power.</td>
</tr>
<tr>
<td><img src="image" alt="02:15" /></td>
<td>The batteries are low; two beeps will sound after switching the device on as a reminder to charge it.</td>
</tr>
<tr>
<td><img src="image" alt="02:15" /></td>
<td>The batteries are exhausted. Charge your device immediately.</td>
</tr>
<tr>
<td>Indication</td>
<td>Status</td>
</tr>
<tr>
<td>------------</td>
<td>--------</td>
</tr>
<tr>
<td>batt</td>
<td>B-CURE® LASER will automatically power off after 10 beeps because of flat batteries.</td>
</tr>
<tr>
<td>low</td>
<td>The “LOW” sign appears on the screen when laser power falls below the required level. Stop the treatment. This situation can happen for the following reasons: 1. Battery power is too low. 2. The laser diode has reached the end of its life time and has to be replaced at the service center. 3. The device is being operated under environmental conditions not conforming to the specifications; for example, the device is being operated at an excessive external temperature higher than 40°C. Recharge the batteries, turn the device on, and then see if the “LOW” sign still appears. If it does, check if the environment is not too warm, and draw away from the warm area. In case the area is not above 40°C and the “LOW” sign is still on, the device is to be sent to the service center for replacement of the laser diode.</td>
</tr>
<tr>
<td>Indication</td>
<td>Status</td>
</tr>
<tr>
<td>------------</td>
<td>--------</td>
</tr>
<tr>
<td>ErrH</td>
<td>Additional signs for this type of malfunction:</td>
</tr>
<tr>
<td></td>
<td>![Err0, Err1, Err2, Err3, ErrR, Errl]</td>
</tr>
<tr>
<td></td>
<td>A hardware malfunction has occurred.</td>
</tr>
<tr>
<td></td>
<td><strong>Switch the device off and on to overcome the malfunction.</strong></td>
</tr>
<tr>
<td></td>
<td><strong>If the malfunction persists, switch the device off, remove and then re-insert the batteries again.</strong></td>
</tr>
<tr>
<td></td>
<td><strong>If the malfunction still persists, the device has to be sent to the service center.</strong></td>
</tr>
<tr>
<td>Errb</td>
<td>A software malfunction has occurred.</td>
</tr>
<tr>
<td></td>
<td><strong>Switch the device off, remove and then re-insert the batteries.</strong></td>
</tr>
<tr>
<td></td>
<td>If the problem still persists, the software in the device is faulty and the device has to be sent to the service center.</td>
</tr>
<tr>
<td>noch</td>
<td>No Charge. Please call the service center.</td>
</tr>
</tbody>
</table>
6. B-CURE® LASER Treatment Dosages

For acute pain, fresh injury or burns, it is recommended to begin treatment as close to the event as possible, apply up to 10 consecutive treatments of 6-8 minutes each with a 5 minute break between individual treatments. The results will amaze you.

For chronic pain continue to treat until the problem is relieved or resolved. There is no time limit.

When performing soft-laser therapy, it is possible to experience initial worsening of the pain with improvements occurring 1-2 days later. It is therefore recommended that for the first treatment the device is used on the intended area for only 1.5 minutes. If more pain is felt for up to 3 hours after the first treatment, please wait 24 hours before continuing and increase the treatment time gradually till you reach the treatment time recommended by the guidelines in the table below. Number of treatments and their duration are given as recommendations only; the exact dosages should be modified according to the patient’s feeling and the results.

Please note that larger areas require proportionately longer treatment times (see section 6.1 on page 16).

For example: in order to treat back pain in an area of up to 4.5 cm² the duration of the treatment is 6-8 minutes; for an area of 9 cm² (2 x 4.5 cm²) the duration of the treatment is 12-16 minutes. The exact time of treatment in the morning and evening does not matter, but treatment should be twice daily or according to the treatment protocols.
Treatment should be carried out at regular intervals and begin as soon as possible after the event only on bare skin clear of clothing, bandages, etc.

It is recommended to continue with treatment until the full recovery is reached, even if there is instant improvement of the symptoms. It is recommended to be flexible with the instructions provided in the table and adapt the dosages to personal feeling.

<table>
<thead>
<tr>
<th>Symptoms</th>
<th>Treatment time for an area up to 4.5 cm² X 2-4 times daily</th>
<th>Treatment time for the first treatment is 1.5 minutes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Knee pain</td>
<td>6-8 minutes</td>
<td></td>
</tr>
<tr>
<td>2 Pain in lower back</td>
<td>6-8 minutes</td>
<td></td>
</tr>
<tr>
<td>3 Pain in neck or upper back</td>
<td>6-8 minutes</td>
<td></td>
</tr>
<tr>
<td>4 Sports injuries</td>
<td>6-8 minutes</td>
<td></td>
</tr>
<tr>
<td>5 Muscle pain</td>
<td>6-8 minutes</td>
<td></td>
</tr>
<tr>
<td>6 Arthritis</td>
<td>6-8 minutes</td>
<td></td>
</tr>
<tr>
<td>7 Fibromyalgia</td>
<td>6-8 minutes</td>
<td></td>
</tr>
<tr>
<td>8 Myofascial pain syndrome</td>
<td>6-8 minutes</td>
<td></td>
</tr>
<tr>
<td>Symptoms</td>
<td>Treatment time for an area up to 4.5 cm$^2$ X 2-4 times daily</td>
<td>Treatment time for the first treatment is 1.5 minutes</td>
</tr>
<tr>
<td>-----------------------------------------------</td>
<td>---------------------------------------------------------------</td>
<td>------------------------------------------------------</td>
</tr>
<tr>
<td>9 Tennis elbow</td>
<td>6-8 minutes</td>
<td></td>
</tr>
<tr>
<td>10 Achilles tendinitis</td>
<td>6-8 minutes</td>
<td></td>
</tr>
<tr>
<td>11 Carpal tunnel syndrome</td>
<td>6-8 minutes</td>
<td></td>
</tr>
<tr>
<td>12 Inflammation</td>
<td>6-8 minutes</td>
<td></td>
</tr>
<tr>
<td>13 Wound Healing</td>
<td>5-6 minutes</td>
<td></td>
</tr>
<tr>
<td>14 Burns</td>
<td>5-6 minutes</td>
<td></td>
</tr>
<tr>
<td>15 Fresh and old surgical wounds and scars</td>
<td>5-6 minutes</td>
<td></td>
</tr>
<tr>
<td>16 Post-pregnancy stretch marks</td>
<td>5-6 minutes</td>
<td></td>
</tr>
<tr>
<td>17 Acne</td>
<td>4 minutes</td>
<td></td>
</tr>
<tr>
<td>18 Herpes simplex</td>
<td>4 minutes</td>
<td></td>
</tr>
<tr>
<td>19 Dental Medicine</td>
<td>6-8 minutes</td>
<td></td>
</tr>
<tr>
<td>20 Acupuncture</td>
<td>4 minutes</td>
<td></td>
</tr>
</tbody>
</table>
6.1 Treatment Area Coverage

Treatment time is proportionate to the area being treated and increases in duration for every additional 4.5 cm$^2$.

<table>
<thead>
<tr>
<th>Area to be treated</th>
<th>For a recommended treatment of 4 minutes per 4.5 cm$^2$</th>
<th>For a recommended treatment of 6 minutes per 4.5 cm$^2$</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.5 cm$^2$</td>
<td>4 minutes</td>
<td>6 minutes</td>
</tr>
<tr>
<td>10 cm$^2$</td>
<td>9 minutes</td>
<td>13 minutes</td>
</tr>
<tr>
<td>20 cm$^2$</td>
<td>18 minutes</td>
<td>26 minutes</td>
</tr>
<tr>
<td>30 cm$^2$</td>
<td>27 minutes</td>
<td>40 minutes</td>
</tr>
</tbody>
</table>

B-CURE® Laser should be held on the treated area motionlessly for the recommended treatment duration, and only then be moved to the adjacent area.

Notes: The above recommendations should be adapted to individual feelings and results of therapy. Important Note: Clinical studies show that over exposure to soft-lasers does not cause any harm.
7. Treatment Protocols

Instructions for treatment with B-CURE® LASER LLLT-808

All recommended treatment requires carefully examining the illustration.

The treatment time for each one of the following points is 6-8 minutes per treated area of 4.5 cm², multiplied by the number of recommended treated areas. For example, for the treatment of the lower back (No. 5 in the illustration) there are three treatment points of 4.5 cm² each. Therefore, the treatment time will be 6-8 minutes multiplied by 3, i.e., 18-24 minutes. You should continue the treatment 2-4 times a day according to the instructions, until full recovery or until relief is achieved. It is highly recommended that for the first treatment the device is used on the intended area for only 1.5 minutes, so that the body can get used to the treatment. Then, it is recommended to increase the treatment time gradually till you reach the treatment times recommended by the guidelines in section 6 Treatment Dosages in page 14. For best results, please hold the device onto the treated area without moving it. You need a lot of patience and determination in order to achieve best results. The long shape of B-CURE’s laser beam, whose dimensions are 4.5 cm x 1 cm, is specially adapted to the treatment requirements and the shape of the body. In order to achieve optimal results, please pay close attention to the written instructions and the illustration, not only for the location of the treatment, but to the position of the device in terms of the direction of the laser beam’s length.
The order of the treatment will always be on the painful point first, and then moving to additional points, in order to make sure the primary location of the problem, as per the patient’s personal feeling, is treated first.

In order to avoid the need of tiresome button holding, it is recommended to use the clip supplied with the device.

1. **Neck** - (a) treat along the aching cervical vertebrae; (b) along each side of the neck, under the center of the ear and in the hollow under the jaw. A total of 3 treatment points - 18-24 minutes per treatment; (c) treatment of two additional points as illustrated, close to the neck towards the shoulders. Treat 2-4 times a day. Tip: the 2 points mentioned in section (b) above may assist in the treatment of headaches and throat infections.

2. **Shoulder** - around the shoulder joint, as illustrated, total of 4-5 treatment points, 6-8 minutes per area of 4.5 cm², 2-4 times a day.

3. **Upper Back** - (a) along the aching vertebrae of the spinal cord; (b) on the right side; (c) on the left side. 3 treatment points, 18-24 minutes per treatment. Four additional points are recommended: 2 from each side in the lower part of the shoulder blades, as illustrated. Treat 2-4 times a day.

4. **Tennis Elbow** - (a) along the folding line of the arm (on the opposite side of the elbow), on the soft tissue while the arm is straight. (b) about 3-4 cm above the elbow, along the external side of the arm, when it is not outstretched. (c) same as b, on the inner side of the arm. Total of 3 treatment points, 18-24 minutes per treatment, 2-4 times a day.
Treatment Protocols

Location and direction of the beam on the body

- Acne
- Herpes Simplex
- Gum and jaw problems
- Neck
- Shoulder
- Elbow, Tennis Elbow
- Hand Joint
- Carpal Tunnel Syndrome (CTS)
- Finger Joints
- Hip joint
- Knee Osteoarthritis
- Knee Pain
- Fibula Pain (under the knee)
- Toe Joints
- Inflammation of the Ankle
- Heel Spur
- Under the heel and on the foot arch
- Wounds, Chronic Ulcers
- Achilles Tendon inflammation
- Upper Back
- Lower Back
- Back Thigh

B-CURE® LASER LLLT-808
5. **Lower Back** - (a) along the vertebrae of the lower back. (b) feel the upper side of the buttocks, locate the two most sensitive or aching points and treat them. Total of 3 treatment points, 18-24 minutes per treatment, 2-4 times a day.

6. **Hand Joint** - (a) in the front side of the joint, along the joint - on the folding line. (b) in the front side of the joint, across the joint - perpendicular to (a). (c) in the back side of the joint, along the hand joint. Total of 18-24 minutes per treatment. It is recommended to add 2 treatments, one on each side of the narrow dimension of the joint. Treat 2-4 times a day.

7. **Carpal Tunnel Syndrome (CTS)** - as in No. 6 above, and in addition, 6-8 minutes on an additional point on the palm, as seen in the illustration. Treat 2-4 times a day.

8. **Finger Joints** - treat all hurting fingers. (a) along the right side of the finger. (b) along the left side of the finger. (c) along the connection line between the fingers and the palm of the hand, and along the fingers - 6-8 minutes for each point. Total treatment time depends on the number of hurting fingers. Treat 2-4 times a day.

9. **Hip Joint** - treat for 6-8 minutes for each area of 4.5 cm², and repeat, in order to effectively cover the entire aching area. Treat 2-4 times a day.

10. **Back Thigh** - treat for 6-8 minutes for each area of 4.5 cm², and repeat, in order to effectively cover the entire area. Do this twice a day for 14 day.
Treatment Protocols

Location and direction of the beam on the body

- Acne Herpes Simplex
- Neck 1
- Shoulder 2
- Elbow, Tennis Elbow 4
- Hand Joint 6
- Carpal Tunnel Syndrome (CTS) 7
- Finger Joints 8
- Hip joint 9
- Knee Osteoarthritis 11
- Inflammation of the Ankle 13
- Heel Spur 15
- Achilles Tendon Inflammation 14
- Gum and jaw problems
- Burns
- Fibula Pain (under the knee) 12
- Toe Joints 16
- Wounds, Chronic Ulcers 17
11. **Knee Pain, Knee Osteoarthritis** - (a) along the folding line in the back side of the knee (soft tissue). (b) along the fluid synovial in the inner side of the knee (while sitting), along the hollow between the upper and lower sides of the leg. The direction of the beam should be quite parallel to the floor while sitting. (c) in the external side of the knee, parallel to (b). 18-24 minutes per treatment, 2-4 times a day.

12. **Fibula Pain (under the knee)** - behind the leg and along both sides of the leg. Total of 18-24 minutes per treatment, 2-4 times a day.

13. **Inflammation of the Ankle** - treat the 4 sides of the leg. (a) across the front of the leg, parallel to the floor. (b) across the right side. (c) across the left side. (d) across the back side. Total of 24-32 minutes per treatment, 2-4 times a day.

14. **Achilles Tendon inflammation** - (a) in the aching point. (b) in the right side. (c) in the left side. Total of 18-24 minutes per treatment, 2-4 times a day.

15. **Heel Spur** - (a) along the heel, under the foot, where it hurts when stepping. (b) in the inner side of the foot, on the side. (c) from both sides of the heel, parallel to the heel in the left and right sides. Total of 24-32 minutes per treatment, 2-4 times a day.

   Tip: a treatment for 15 minutes as described in No. 11 above, may result in full relaxation and may prevent headaches.
16. Toe Joints - (a) across the lower side of the toes. (b) across the upper side of the toes. (c) across the connection of the toes to the foot. (d) along the upper and lower sides of the toes. 6-8 minutes multiplied by the number of treatments, depending on the number of toes treated, 2-4 times a day.

17. Wounds, Chronic Ulcers – fresh open wounds should be treated for a total of one hour: 5-6 minutes treatment, and then 5 minutes break. It is recommended to use the clip in order to avoid the tiresome effort of button holding. Usually the treatment will reduce the pain, and may also result in better closing of the wound, with fewer scars. In cases of chronic ulcers, best result may be achieved with treatments of 8 minutes each, twice a day. More than two treatments a day are not recommended, since it usually involves cleaning and bandaging.
8. Instructions for Best Results

- **Coverage of the treated area:** if the area requiring treatment is larger than 1x4.5 cm, repeat treatment on the area adjacent to the previously treated area, until the entire area is covered (see illustration in page 19). **Hold the device onto the treated area without moving it.** After covering an area of 4.5 cm² (the laser beam’s width), for the recommended time, (4-8 minutes, depending on the treatment), move the beam to the adjacent area. This will ensure that each area in need of treatment will receive optimal care. **Do not treat wide areas with circular motions.**

- **Treatment may be up to 4 times daily.** Immediately after a burn or an injury—even 10 consecutive treatments! We would like to remind you that overdose does not cause any harm.

- **First treatment:** always start the treatment for chronic pain and ailment for only 1.5 minutes. If pain worsens after a first treatment, it means the bio-stimulation is in action. We recommend you discontinue the treatment for 24 hours. Afterwards treat again for 1.5 minutes, until the pain does not worsen. Continue the treatment by slowly increasing the dosage until you reach the recommended dosage, and according to your personal feeling.

- **When treating internal problems,** such as back and thigh pain or inflammation, we recommend operating the device by pressing it directly onto the skin (No. 5), and not by pressing the treatment start button.
Keep the treatment continuous: The treatment should be conducted daily and continuously. Always complete the number of treatments specified in the dosage chart, even if there is an improvement. It is important to note that the B-Cure Laser helps not only in healing but also helps prevent infection.

9. Precautionary Measures

- A physician’s professional opinion is always recommended.
- Do not use the device on the belly of pregnant woman, nor on people who suffer from cancer.

*Never point the laser beam at anyone’s eyes and never treat areas close to the eyes!*

B-CURE® LASER LLLT-808 can be used to treat children, as well as handicapped people with prostheses or splints.

10. Cleaning of the Device

The activation area should be cleaned by pressing No. 5 with a 70% alcohol solution. Make sure you hold the activation area pressed downwards during the cleaning process, in order to avoid wetting the lens.
1. What is soft-laser LLLT (Low Level Laser Therapy)?

Soft Laser is a low level laser beam with the power of 1-1000mW. It is monochromatic (has one defined wavelength), and is coherent – moves in one phase and in one direction. The soft-laser affects the skin’s surface and simultaneously penetrates the skin without heating or hurting the skin.

Soft laser treatment bio-stimulates the body’s natural healing mechanisms on a cellular and systemic level. The result: every kind of cell receives the energy required for activation of its optimal functioning in the body, thus allowing it to “self-heal” and naturally overcome specific problems, whether it be back pain, inflammation, wounds, or a need for skin renewal and rejuvenation. Soft lasers are used by physicians and physiotherapists all over the world, especially for treating acute and chronic musculoskeletal pains, motor problems, swelling, joint cartilage problems, inflammation and injured soft tissues.
2. The Scientific Breakthrough by Good Energies - B-CURE® LLLT-808
Heavy-duty soft-laser – in a light, portable, rechargeable device

Thanks to an exclusive, patent-pending development, we have created an exceptional combination: the power and full coherence of a clinic’s soft-laser device over an area of 4.5 cm², with a portable, rechargeable and easy-to-use device at an affordable price.

The power and full coherence of Good Energies® LLLT-808 enable the effective penetration of the laser beam deep into the tissues, levels which were only available in expensive, full-sized devices until now.

**The result:** a perfect combination of the most effective therapy with the ability to provide immediate and continuous treatments, thus enabling effective and fast recovery in shorter individual treatment times, and with less total healing time.

Total healing time is dramatically lower than that of any other portable soft laser device currently available.
3. How B-CURE® LASER Works

**Low Level Laser Energy**
When our body absorbs the laser beam, a number of simultaneous chain reactions occur: blood flow invigoration, cell activity excitation, and intensification of inter-cell communication.

- Influences the permeability of cell membranes, and causes increased nerve activity.
- Increases the synthesis of endorphins – hormones that relieve pain.
- Increases the production of S.O.D which fights inflammation and reduces damage of free radicals.
- Arouses the macrophages cells and increases the number of mast cells that help heal wounds.
- Accelerates the synthesis of collagen and elastin. Accelerates and induces blood flow to the wound.

**result:**
- A reduction in pain level.
- Anti-inflammation activity.
- Faster wound healing and blood clotting, reduced scars.
- Skin rejuvenating activity, anti-aging, and wrinkle fading.
4. Clinical Areas and Treatment Applications (partial list):
Simultaneous treatment for pain and swelling reduction, wounds, and inflammation eradication

Skeletal and Tissue Pains and Injuries
- Rheumatic and/or chronic joint inflammation
- Joint disorders/arthrosis
- Sports injuries, wounds, and fresh scars
- Lower and upper back pain; neck, muscles, knees and other joint pain
- Plantar fasciitis and sprains
- Tennis elbow
- Achilles tendon infection
- Carpal Tunnel Syndrome
- Fibromyalgia
- Myofascial Pain Syndrome

Dental Medicine

Veterinary Applications

Acupuncture Treatments

Medical Dermatology
- Wound Healing
- Acne
- Burns
- Scars
- Herpes simplex

Aesthetics
- Post pregnancy stretch marks
- Fresh and old surgical scars
5. The Clinical Surveys Prove...

During the last decade, over 2000 studies have been published on the use of soft-laser (LLLT) for the treatment of pain relief, and some 100 double-blind studies which prove the clinical value of laser therapy.

You are welcome to visit our site: www.gd-energies.com - click on "clinical research", where you will find links to interesting studies.

It is important to note that most studies conducted up to this point have used the "old generation" devices, with the treatment frequency for patients set at only 1-3 times a week. This is less than the desired frequency that would enable optimal results.

Thanks to its portability and heavy-duty power, the B-CURE® LASER LLLT-808 enables immediate and frequent daily treatments, which dramatically improve healing. And indeed, recent B-CURE® LASER LLLT-808 user tests demonstrate better results and higher effectiveness than most studies done before.
6. B-CURE® LASER LLLT-808 is recommended by:

B-CURE® Laser is recommended by the best pain specialists and is used widely in Israel by the leading pain clinics and other departments in the following hospitals: Hadassah, Ichilov, Rambam, and Shiba (Tel Hashomer). It is also used by the physiotherapy clinics of Israel Defense Force, leading sports clubs, and the best athletes and sportsmen in Israel.

For detailed recommendation letters and for full articles from the press see our website under “recommendations”.

We would be happy to receive your feedback on the B-CURE® Laser device, and would appreciate receiving your permission to publish it on our website.
### 7. Technical Specifications

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Units</th>
<th>Description, value</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type of Laser</td>
<td>GaAlAs</td>
<td>Solid-state diode laser</td>
<td></td>
</tr>
<tr>
<td>Laser Power</td>
<td>mW</td>
<td>250</td>
<td>Max</td>
</tr>
<tr>
<td>Wavelength</td>
<td>nM</td>
<td>808</td>
<td></td>
</tr>
<tr>
<td>Laser Pulse frequency</td>
<td>kHz</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>Laser Pulse duration</td>
<td>μs</td>
<td>17</td>
<td></td>
</tr>
<tr>
<td>Duty cycle</td>
<td>%</td>
<td>25</td>
<td></td>
</tr>
<tr>
<td>Effective lifetime of laser</td>
<td>hours</td>
<td>&gt;4000</td>
<td></td>
</tr>
<tr>
<td>Laser beam (L x H)</td>
<td>mm</td>
<td>45 x 10</td>
<td></td>
</tr>
<tr>
<td>Beam divergence</td>
<td>degree</td>
<td>± 3</td>
<td></td>
</tr>
</tbody>
</table>

**B-CURE® LASER LLLT-808**
### Technical Specifications - continued

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Units</th>
<th>Description, value</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indication Green LED</td>
<td>nM</td>
<td>520</td>
<td>Super green. Intended for visual indication of laser beam.</td>
</tr>
<tr>
<td>Timer setting</td>
<td>minutes</td>
<td>00:00 to 99:30</td>
<td></td>
</tr>
<tr>
<td>Timer setting step</td>
<td>seconds</td>
<td>30</td>
<td>Increase or decrease</td>
</tr>
<tr>
<td>LCD display size (L x W)</td>
<td>mm</td>
<td>26 x 15</td>
<td>Viewable area</td>
</tr>
<tr>
<td>LCD timer display</td>
<td></td>
<td>4 digits, (88:88)</td>
<td>Colon flashing, 1 second interval</td>
</tr>
<tr>
<td>Buzzer alert</td>
<td>Yes</td>
<td></td>
<td>Indicating: ON, OFF, working, laser low power, and errors.</td>
</tr>
<tr>
<td>Electrical power</td>
<td>W</td>
<td>3.2</td>
<td>max</td>
</tr>
</tbody>
</table>
Technical Specifications - continued

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Units</th>
<th>Description, value</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Battery</td>
<td></td>
<td>3xAAA Rechargeable batteries (NiMH)</td>
<td></td>
</tr>
<tr>
<td>Battery operation time</td>
<td>hour</td>
<td>&gt;4</td>
<td>With fully charged batteries</td>
</tr>
<tr>
<td>Battery charging time</td>
<td>hour</td>
<td>5 (approx.)</td>
<td>With discharged (flat) batteries of 700 mAh type</td>
</tr>
<tr>
<td>Battery charging current</td>
<td>mA</td>
<td>300</td>
<td>max</td>
</tr>
<tr>
<td>Power Supply</td>
<td>VAC</td>
<td>115-230V</td>
<td>AC/DC Adaptor for charging 115/230 VAC, 60/50 Hz, Output 9V, 500mA</td>
</tr>
<tr>
<td>Dimensions</td>
<td>mm</td>
<td>200 x 70 x 40</td>
<td></td>
</tr>
<tr>
<td>Weight</td>
<td>gram</td>
<td>175</td>
<td>With installed batteries</td>
</tr>
</tbody>
</table>
# Technical Specifications - continued

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Units</th>
<th>Description, value</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating condition</td>
<td></td>
<td>0°C to 40°C [32°F to 104°F] at 15% to 90% Humidity (non condensing)</td>
<td></td>
</tr>
<tr>
<td>Storage conditions</td>
<td></td>
<td>-20°C to 55°C [-4°F to 131°F] at 10% to 95% Humidity (non condensing) for 30 days</td>
<td></td>
</tr>
</tbody>
</table>

**Avoid Leaving In The Car In Hot Weather**

## 8. Warranty

The warranty is for 12 months according to the policy of the company, as is detailed on the warranty certificate. If batteries and/or a charger are supplied with the device, they are not included in the warranty.
9. Approvals and safety certifications

- Approved by the Israeli Ministry of Health
- Patent pending

B-CURE® LASER LLLT-808
Class II / internally powered equipment
3 x 1.2V AAA Rechargeable batteries
9V, 300 mA (for charging via AC/DC Adaptor)

Worldwide exclusive Distributor: Erika Carmel LTD.
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LOCAL REPRESENTATIVE

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Fotan, Hong Kong. Made in China.

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