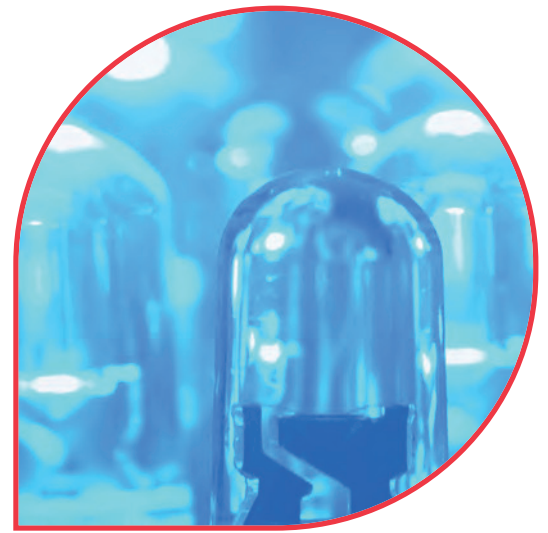
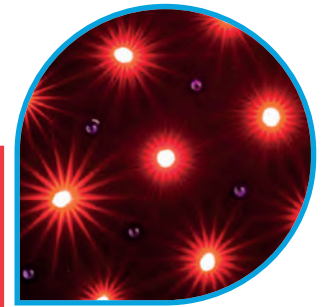


Our Mission

To invoke long lasting health, fitness and well-being and to participate in the creation of a healthier you, in the most natural way.



In Light
WELLNESS SYSTEMS



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Why choose In Light Wellness Systems™?

- What is it?**
- Who is it for?**
- Why is it different?**
- Why should you be interested?**

What it is

In Light Wellness Systems™ is a photo-modulated (pulsed, light emitting diodes) device also known as low-level light therapy (LLLT). The infrared and visible red LEDs are the heart of the In Light Wellness Systems™ therapy system, providing gentle but powerful non-coherent light. In Light Wellness Systems™ uses a carefully timed sequence of settings, known as pulses, to create an environment in which change may occur more rapidly.

Who it is for

In Light Wellness Systems™ can be used both professionally in a clinic and by people at home as part of their continuing therapy. Common pad designs between clinical and home units allow clients to receive the same benefits at home as in the clinic.

Why it is different

Versatile

In Light Wellness Systems™ is a system, a group of components designed to work together. Pads are available in various shapes and sizes to suit:

- ▶ straight or flexed joints (elbow, knee, ankle/foot)
- ▶ large back areas
- ▶ small local areas
- ▶ individual points

Easy to use

Simple and easy to use controls
Automatic & manual override settings
Flexible pads with unlimited positioning, Velcro style straps

Powerful

200mw, 17° infrared LEDs, 4,500 millicandlaria (mcd) visible red LEDs. The effective "as measured" output per diode is 72Mw/cm² for IR and 5Mw/cm² for visible red.

Series 1 & 2 pads why the difference?

Series 1 pads are for clients with compromised sensations, generally associated with any type of peripheral neuropathy. Series 1 pads' LED spacing is less dense than Series 2 pads, reducing the risk of patient discomfort. When used in conjunction



with a simple & commonsense protocol plan, the risk of patient discomfort is reduced to nearly zero.

Series 2 pads are for clients requiring additional power for indications such as acute pain management.

Cross contamination

The use of an inexpensive off the shelf plastic bag (baggie) as a barrier is simple, easy and effective. There is no requirement to wrap the area or pad in cling film.

Comprehensive manual

A detailed and comprehensive manual is available for all clinical units.

Why you should be interested

Effective, non-abrasive, non-invasive, and restorative

Light therapy has been established as a useful tool to:

Increase vascularity (circulation) by increasing the formation of new capillaries, which are additional blood vessels that replace damaged ones. New capillaries speed up the healing process by carrying more oxygen as well as more nutrients needed for healing and they can also carry more waste products away.

Stimulate the production of collagen: Collagen is the most common protein found in the body. Collagen is the essential protein used to repair damaged tissue and to replace old tissue. It is the substance that holds cells together and has a high degree of elasticity. By increasing collagen production less scar tissue is formed at the damaged site.

Stimulate the release of adenosine triphosphate (ATP): ATP is the major carrier of energy to all cells. Increases in ATP allow cells to accept nutrients faster and get rid of waste products faster by increasing the energy level in the cell. All food turns into ATP before the cells utilize it. ATP provides the chemical energy that drives the chemical reaction of the cell.

Increase lymphatic system activity: Oedema, which is the swelling or natural splinting process of the body, has two basic components. The first is a liquid part, which can be evacuated by the blood system, and the second is comprised of the proteins that have to be evacuated by the lymphatic system. Research has shown that the lymph vessel diameter and the flow of the lymph system can be doubled with the use of light therapy. The venous diameter and the arterial diameters can also be increased. This means that both parts of oedema (liquid and protein) can be evacuated at a much faster rate to relieve swelling.

Reduce the excitability of nervous tissue: The photons of light energy enter the body as negative ions. This calls upon the body to send positive ions, like calcium among others, to go to the area being treated. These ions assist in firing the nerves thereby relieving pain.

2 Year Warranty

Stimulate fibroblastic activity that aids in the repair process:

Fibroblasts are present in connective tissue and are capable of forming collagen fibres.

Increase phagocytosis: The process of scavenging for an ingesting dead or degenerated cells by phagocyte cells for the purpose of clean up. This is an important part of the infection fighting process. Destruction of the infection and clean up must occur before the healing process can take place.

Induce a thermal like effect in the tissue: The light raises the temperature of the cells through a photochemical reaction.

Stimulate tissue granulation and connective tissue projections:

Part of the healing process of wounds, ulcers or inflamed tissues.

Stimulate acetylcholine release: Acetylcholine causes cardiac inhibition, vasodilation, gastrointestinal peristalsis and other parasympathetic effects.

Typical uses for light therapy

Many people with complaints of pain associated with the following issues have reported positive results using LED light therapy:



- Acute neck and back pain
- Ankle problems
- Arthritis pain and restricted movement
- Bone spurs
- Bone fractures
- Bruises
- Burns
- Bursitis
- Carpal tunnel syndrome
- Deep muscle problems
- Golfer's/tennis elbow
- Fractures
- Haematomas
- Open wounds with negligible formation of scar tissue
- Inflammation
- Leg pain
- Neuralgia
- Pain relief
- Peripheral neuropathy
- Pressure ulcers
- RSI/RSP
- Shoulder pain
- Sore backs
- Sprains
- Strains
- Swelling
- Tendon problems
- Tennis elbow
- Tight muscles
- Training (resistance/cardio)
- Reduction of scar tissue
- Wrist pain