

LUTRONIC® HEALITE II™ – Best Plastic Surgery Device

Lutronic's Healite II is the leading example of a new-generation Light-Emitting Diode (LED) phototherapy system that has achieved new heights in its capacity to promote post-procedure wound healing and recovery. It can be used as an effective stand-alone therapy or as a powerful adjunctive therapy particularly with pre and post surgical and non-surgical treatments.

Low-Level Light Therapy (LLLT) with Healite II is the therapeutic use of incident light to photomodulate cellular function, improving healing times, relieving pain, subsiding active acne, promoting skin rejuvenation and others. Developed by the guru of LED technology, Dr Glen Calderhead, Healite II harnesses the properties of 830/590 light via LED technology, properly delivered and concentrated, treating effectively without possibility of physical trauma or thermal damage. This non-ablative skin surface treatment system uses light delivered through light emitting diodes to deliver pure light in precise wavelengths. The combination of Low-Level Light Therapy (LLLT) wavelengths – yellow 590nm and near infra-red 830nm - treats a wide range aesthetic and medical conditions without heat, ensuring no risk of burning or other damage to tissue.

What Healite II is proven to do:

- Encourages wound and cellular healing post-laser or post-surgery
- Reduces pain, edema and erythema
- Increases blood flow to the wound
- Decreases the risk of bruising
- Decreases recovery time
- Offers prophylaxis against scar formation
- Reduces PIH
- Improves the clinical results

Healite II delivers low levels of light, in a non-thermal and totally damage-free manner. It targets the reparative cells and increases beneficial substances, in particular our own antioxidants produced by the reparative cells. Light at special wavelengths (or colours) selectively activates these cells.

LLLT with Healite II improves the results of surgical and non surgical procedures and treatments, including aesthetic laser and IPL treatments, skin needling, deep peels and pre and post-plastic surgery, especially to reduce the risk of hypertrophic scars forming.

Each wavelength targets various different indications. Patients of all ages and skin types can benefit from the pain free, athermal and easy to apply Healite treatments. It is a painless and well tolerated treatment, with no side effects or downtime.

According to Dr Calderhead, (Vice President of Medical and Scientific Affairs Division of Lutronic), LED phototherapy has been known in the market for many decades by virtue of its various therapeutic benefits. However he wanted their product to stand out from the low-powered and low-quality LED products prevailing in the current market. Healite II offers technological advances to ensure maximum energy delivery to the tissue and ease of use features that both physicians and their patients will appreciate.

Healite II stands out from other LEDs with its Photo-Sequencing Technology (PST). This means micro-low (590 nm) level light therapy is used for 60 seconds ahead of continuous delivery of near infrared 830 nm. This prepares the superficial epidermis to enhance the effects of the 830nm on deeper dermal tissue.

It bio-stimulates the skin at subcellular, cellular and tissue levels to help existing cells work better, repair damaged ones and stimulate collagen production. As well as skin rejuvenation to address lines and wrinkles and other signs of photo-ageing, it is well recognised for its ability to improve wound and soft tissue healing and reduce inflammation as well as treat acne, chronic pain such as arthritis, muscle spasm, superficial skin lesions and more.

LLLT ENGINEERING

Optical Lens Array Technology (OLAT) uses collimation optics, which more effectively harness and deliver the healing energy of 1800 new generation LEDs to achieve concentrated therapeutic photon intensities in the cells and organelles of the target tissue, thus maximizing the therapeutic outcome. OLAT improves the efficiency and enhances the efficacy of LED phototherapy.

Why LLLT using LEDs?

- Ideal wavelength
- Powerful enough to penetrate deep where it is needed
- Works at subcellular, cellular and tissue level
- Works alone or as an adjunctive therapy
- Treats multiple indications
- Pain-free, non-invasive, treatment of patients all ages

Why HEALITE II?

- Photo-Sequencing Technology (PST)
- Optical Lens Array Technology (OLAT)
- A total of 1800 durable, hi-quality LED's
- Fully adjustable head, panels and arm
- Ergonomic design
- User-friendly touch-screen
- Stable and easy to maneuver
- TGA approved

Treatments

- Wound Healing
- Pain Relief
- Optional infra-red light source can be used to provide temporary relief of muscle and joint pain
- Arthritis
- Muscle Spasm
- Optional infra-red light source can be used to improve local blood circulation
- Skin Rejuvenation
- Reducing fine lines and wrinkles
- Active Acne
- Superficial skin lesions

PROVIDES RESULTS

Photo-Sequencing Technology (PST)

Pre-emptive micro-low level light therapy (μ -LLLT) with 590 nm is preceded for 60 seconds ahead of continuous delivery of 830 nm in order to pre-condition epidermis and enhance dermal tissue interaction by 830 nm.