



Low Light Laser Therapy

Low light laser therapy is a form of alternative medicine that uses low level lasers, or light emitting diodes (LEDs).

LASER IS ACTUALLY “LIGHT”

A laser is a device that emits light. The word ‘laser’ is actually an acronym. It stands for Light Amplification by the Stimulated Emission of Radiation. Laser differ from other sources of light because they emit light coherently. This allows them to be ‘directed’ or focused on a particular area of the body.

WHAT IS “LOW LIGHT/LEVEL” LASER

Low light, or low level laser, uses low intensity, coherent light in wavelengths typically up to about 1000nm. The light particles, known as photons, penetrate deeply into the tissue without heating or hurting the skin. The wavelength at which the laser emits determines the effective depth of penetration, within the tissue, of the laser energy delivered.

THE BODY RESPONDS

The transfer of light energy into the tissue, modulates certain biological processes within the tissue and beyond. It activates the body’s natural mechanisms, assisting the cells to activate biological functions. Natural and gentle. Scientific without being artificial. Pretty nifty.

Low light laser therapy stimulates healing and provides the benefits below:

- **Reduces chronic pain**
LLLT has a selective inhibitory effect on pain receptors and causes a reversible neural blockade. It also stimulates the production of endogenous opioids, nitric oxide, serotonin and acetylcholine.
- **Reduces inflammation and swelling**
LLLT increases the production of nitric oxide (NO) increasing vasodilation and bringing oxygen, fuel molecules and other metabolites to the injured tissue resolving inflammation
- **Enhances tissue healing**
- **Stimulates the body’s enzymes**

Why not give it a try?

Call 1300 309 599