

LED LIGHT THERAPY

The *Multi Wave Light Therapy system* has **multiple therapies**, all working on the basic principle of **healing damaged cells**, making them **healthy** again. Each system consists of a variety of therapies, each about 15 minutes in duration, combining **visible light** with **infrared light** and **pulsing** to optimize the desired benefit.

Red=630nm, IR=840nm, Amber=575nm, Blue=445nm, Green=530nm

Here are some of the benefits of LED color therapy:

- **RED**: Red light operates at 630nm (+/-3%) and majority of energy penetrates to 8cm. Red light has been demonstrated to improve circulation and improve uptake of nutrients at a cellular level.
- **INFRARED**: Infrared works at 840nm (+/-3%) and is capable of penetrating up to 20cm into the body; however 90% of the energy is absorbed into the superficial tissues (up to 5cm penetration). Infrared light has been demonstrated to increase cell membrane permeability and activities the sodium-potassium pump.
- **RED & INFRARED**: Combing red and infrared light increases the well being of cells; by accelerating wound healing, reducing scarring, and stimulating the orientation of new tissue to be that like non damaged tissue.
- **AMBER**: Amber light works at 575nm (+/-3%) and has been used for facial rejuvenation for more than 4 years now. It has been shown to produce collagen and elastin, which restores the youthful appearance of younger skin.
- **BLUE**: Blue light operates at 445nm (+/-3%) and is used to impede and reduce the production of P-acne. Blue light is also used to activate sodium bicarbonate formulas used in whitening teeth.
- **GREEN**: Green light operates at 530nm (+/-3%) and is a bio-accelerator for damaged cells; it has a calming affect on the body and is used to reduce pain and discomfort associated with stress and fatigue.