

Celluma LED Light Therapy

What is Low Level Light Therapy? Low level light therapy is the application of light energy to the body to obtain therapeutic benefits. It produces a natural photo-biochemical reaction similar to the process of plant photosynthesis, and has a wide range of beneficial applications across many medical fields, including the treatment of skin, muscle, joint and pain conditions.

How Low-level Light Therapy Works – discrete, deeply penetrating wavelengths of light energy are absorbed by photo-acceptors in the mitochondria of compromised cells to regain and restore vitality naturally. This process increases the production of adenosine triphosphate (ATP) – the fuel that drives all cells. The resulting boost in cellular energy leads to a cascade of metabolic events which can increase micro-circulation and decrease arthritic and joint pain, muscle spasm, muscle and joint stiffness.

Therapeutic Benefits of LED (Light Emitting Diode) Photo-therapy

- Increases Circulation:
 - The increased circulation heals and repairs damaged skin tissue. This increase in circulation also causes the body to rid itself of wastes and toxins. Stimulates the production of collagen which lessens build up of scar tissue.
- Decrease Inflammation
 - Reduces overall redness, skin damage, and dilated capillaries.
- Improves healing of acne, lessen coarseness, and help sun-damaged skin.
- Wrinkle reducer and diminishes skin effects from aging, smoking, and weather.
- Increases lymphatic system activity.
 - Research has shown that the lymph vessel diameter and the flow of the lymph system can be doubled with the use of light therapy.
- Improve Cellular performance
 - Improve Skin Tone and Clarity
- Accelerate tissue repair
 - Skin that feels and looks younger.
- Ease Muscle and Joint Pain, Stiffness, Spasm and Arthritis

Contraindications - Individuals with the following should not receive led light therapy:

- Pregnant or Nursing
- Seizure disorder
- When the application of “heat” or increased warmth to the skin is a contraindication
- If client is “photo-sensitive” – Some disorders and medications can cause photo-sensitivity
- Steroidal medications
- You must wait five days after Botox or cosmetic fillers.