Axon Integrative Health
Chiropractic Neurology, Functional Medicine & Human Performance

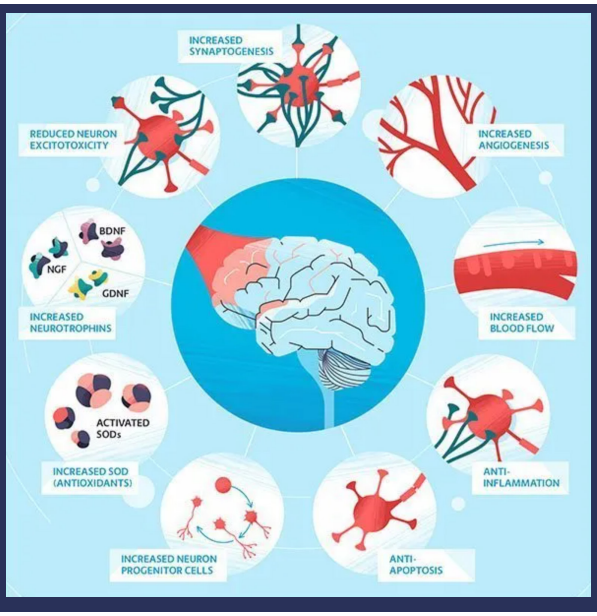
Low-Level Laser Therapy (LLLT) | Photobiomodulation (PBM)

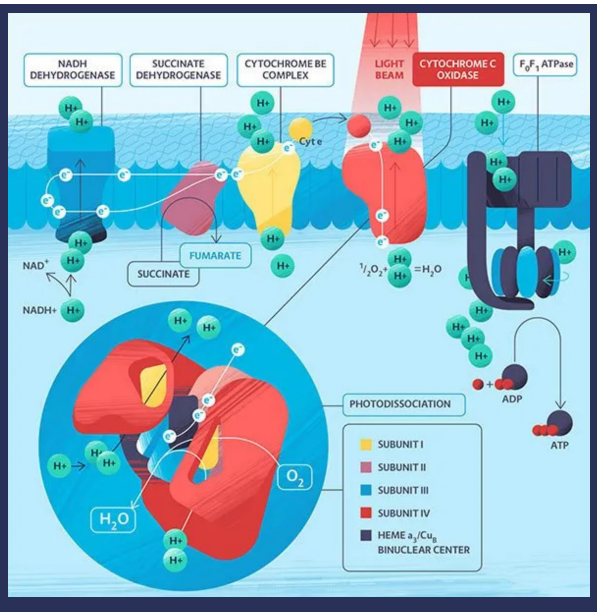
This noninvasive therapy utilizes light frequencies to help cells create more energy.

How does LLLT work?

Low-level laser therapy acts by inducing a photochemical reaction in the cell, a process referred to as photobiomodulation (PBM). This process occurs within the mitochondria of the cells (the cellular "power plants") to increase energy so that repair and healing pathways are greatly accelerated.

Photobiomodulation stimulates regeneration and healing of damaged muscles, ligaments, nerves, bones, joints, soft tissue, and even parts of the brain. It is commonly used for pain relief, neuro rehab, and sports injuries.





Clinically Proven Benefits

- Reduces inflammation
- Upregulates areas of the brain
- Decreases anxiety
- Regulates energy levels
- Induces neovascularization (formation of new blood vessels)
- Enhances cellular pathways for neurotrophins & antioxidants
- Increases blood flow to the area

The technique is called "cold" laser therapy because the low levels of light aren't enough to heat your body's tissue.

Symptoms Addressed

- Musculoskeletal strains/sprains
- Joint pain
- Nerve pain
- Inflammation
- Sensory & movement deficits
- Scar tissue

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