

AN OVERVIEW OF

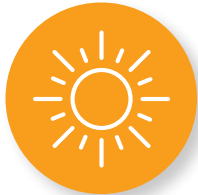
PHOTOBIO-MODULATION
THERAPY

THERALIGHT

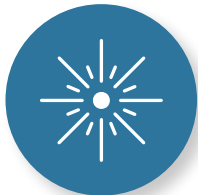
Full-Body Light Therapy Systems

AN ILLUMINATING HISTORY

LIGHT THERAPY: FROM THE ANCIENTS TO LED ... TO THERALIGHT

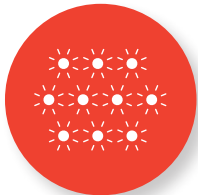


Throughout the ages, light has been recognized as an essential source of energy and healing. The ancient Greeks, Romans and Egyptians commonly practiced heliotherapy (the therapeutic use of sunlight) to treat various ailments. Then in 1962, an engineer at General Electric invented the first light-emitting diode (LED), opening the door to a whole new world of light-based technologies.



While LED technology proved to have virtually limitless practical applications in virtually every industry, its potential as a safe and effective mode of light therapy was not pursued until the early 2000s. This is largely due to the medical community's lack of commitment in advancing the research and development of LED therapies.

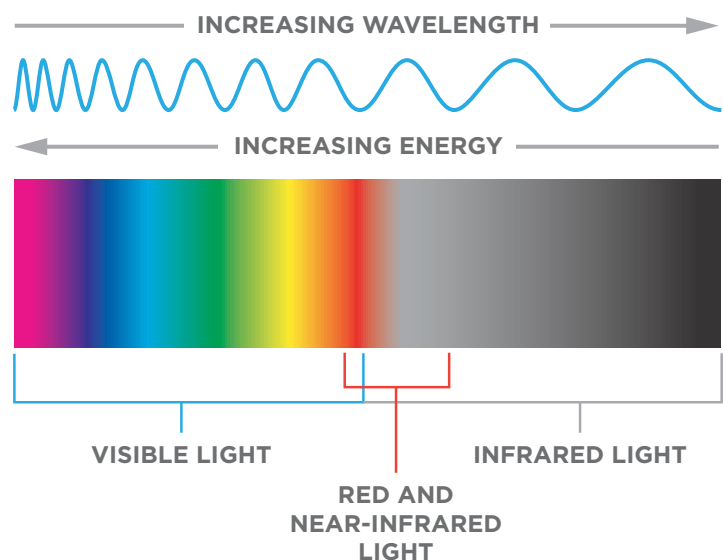
Until now.



After years of extensive research and clinical testing, **TheraLight** is proud to offer our revolutionary full-body light therapy systems, the **TheraLight 360** and the **TheraLight FIT**. These innovative systems harness the power of LED light — specifically red and near-infrared — to deliver positive, proven therapeutic results.

WHAT IS LED “PHOTOBIO-MODULATION” THERAPY?

LED therapy, a form of **photobiomodulation therapy (PBMT)**, is the application of therapeutic red and near-infrared light to tissue that has been compromised by injury, disease or degeneration. All light is comprised of photons, which are submicroscopic energy particles that travel in the form of waves. Existing just beyond the spectrum of visible light, red and near-infrared light is characterized by long, “gentle” wavelengths which penetrate tissue and convey their restorative benefits at the cellular level. Because TheraLight’s full-body light therapy systems are carefully calibrated to administer this therapeutic light at precise frequencies, the healing effects are completely safe, totally non-invasive and clinically proven to be beneficial.



THE INNOVATIVE SCIENCE OF PBMT

ACHIEVING POSITIVE THERAPEUTIC OUTCOMES WITH LED THERAPY

In its simplest terms, PBMT generates photochemical responses at the cellular level which increase circulation and cellular energy production while reducing inflammation and oxidative stress. PBMT also increases the rate and quality of tissue repair, improves muscle performance, enhances recovery and alleviates pain.

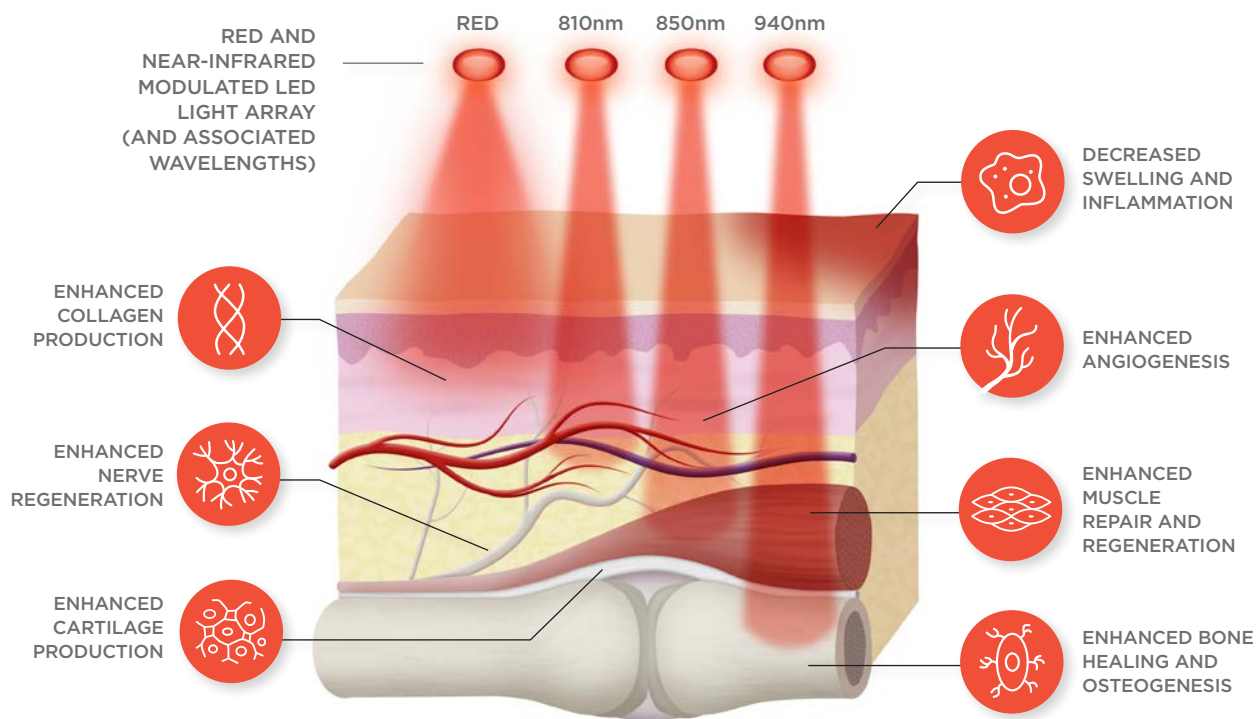
TheraLight's full-body light therapy systems represent the height of today's light therapy standards. Backed by years of research and development, these groundbreaking systems use a vast array of carefully

calibrated LED lights to "bathe" the entire body with therapeutic PBMT light. This allows for a holistic way to deliver the healing benefits of light.

As the science and technology behind light therapy have rapidly advanced over recent years, so has the role of PBMT as an effective and non-invasive mode of therapy. Quickly becoming a routine adjunct to countless treatment regimens, PBMT is reshaping healthcare by improving overall wellness and facilitating the healing process.

THERAPEUTIC BENEFITS OF PBMT

Photochemical responses at the cellular level



BETTER SCIENCE. BETTER RESULTS.

ONE TECHNOLOGY, COUNTLESS APPLICATIONS

Unlike injections and prescriptions which often simply mask the symptoms and do little to treat the injury, PBMT delivers light energy, comprised of photons, to damaged cells. These photons are absorbed by the cells and stimulate the mitochondria to accelerate the production of adenosine triphosphate (ATP), which boosts cellular energy. This biochemical increase in energy helps to transform cells from a state of dysfunction to a stable, healthy state. This results in reduced inflammation, increased blood flow, and the stimulation of tissue growth. PBMT also activates immunomodulation, or the body's own healing processes.

TheraLight's state-of-the-art systems are designed and manufactured to meet — and exceed — the industry's most exacting standards. Backed by vigorous clinical studies, our 360 and FIT full-body systems have demonstrated positive therapeutic benefits for virtually all regions of the body:

- Head and neck
- Arms and hands
- Hips and knees
- Shoulders
- Regions of the back
- Feet and ankles



TheraLight 360



LIGHT: FOR A HEALTHIER LIFE

THE THERAPEUTIC BENEFITS OF FULL-BODY LIGHT THERAPY

Tired of feeling tired? Frustrated by lack of sleep? Aggravated by those nagging aches and pains? Full-body light therapy can play an integral role in achieving a healthier, more balanced life. TheraLight's 360 and FIT light therapy systems have been clinically proven to relieve pain and reduce inflammation quickly, safely, and effectively. They have also been shown to improve sleeping habits, increase energy, and improve mental acuity.

TheraLight 360 and FIT have evolved to become the most advanced, versatile, and effective full-body light therapy systems on the market. Our exclusive PBM technologies are designed to deliver maximum tissue saturation, regardless of skin color or body type.

Extensive studies have demonstrated that PBM therapy can deliver profound therapeutic benefits such as:

- Expedited healing times
- Tissue strengthening
- Increased blood flow and lymphatic drainage
- Enhanced immune response
- Reduced anxiety and depression
- Improved sleep patterns



TheraLight FIT

WHETHER YOU'RE A WEEKEND WARRIOR OR A WORLD-CLASS ATHLETE, STUDIES HAVE SHOWN PBMT TO BE AN EFFECTIVE ADJUNCT TO ANY FITNESS REGIMEN. PBMT IMPROVES PERFORMANCE BY INCREASING EXERCISE CAPACITY AND EXTENDING EXERCISE TIMES.

PRIMARY AND SECONDARY

**INCREASED
MENTAL CLARITY**



**INCREASED
BLOOD FLOW
AND LYMPHATIC
DRAINAGE**



**DECREASED
ANXIETY AND
DEPRESSION**



**REDUCED
MUSCULOSKELETAL
AND NERVE PAIN**



**ENHANCED
CELLULAR
REPAIR**



**IMPROVED
JOINT
FUNCTION**



**ENHANCED
NERVE
REGENERATION**



BENEFITS OF PBM THERAPY



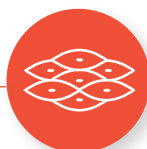
**IMPROVED
SLEEP
PATTERNS**



**ENHANCED
IMMUNE
FUNCTION**



**INCREASED
ENERGY
LEVELS**



**IMPROVED
MUSCLE
PERFORMANCE**



**ENHANCED
SOFT TISSUE
HEALING**



**RELIEF FROM
ARTHRITIS**



**RELIEF FROM
TENDINOPATHIES**

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