



RED LIGHT THERAPY

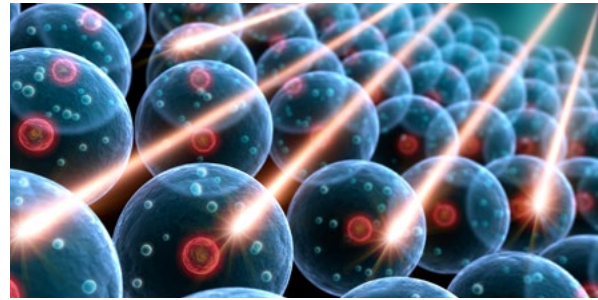
Photobiomodulation
PBMT

What is Red Light Therapy?

PHOTOBIO-MODULATION (PBMT)

Photobiomodulation therapy (PBMT) is the application of red and near-infrared light on tissues affected by injury, illness, or degeneration. This treatment helps boost circulation and energy production at the cellular level, while also lowering

inflammation and oxidative stress. PBMT promotes faster, higher-quality tissue repair, improves muscle function, supports quicker recovery, and relieves pain. It is a safe and soothing therapy with no known negative side effects.



HOW DOES IT WORK?

Quest Medical's Red Light Therapy provides photobiomodulation therapy (PBMT) by using calibrated and adjustable wavelengths that penetrate deep into the body's tissues at the cellular level. This process boosts energy production and enhances circulation, helping to reduce the harmful impact of oxidative stress.

Over the past two decades, extensive research has revealed that oxidative stress plays a key role in causing inflammation, which can lead to both acute and chronic pain, as well as speed up the aging process. It is widely recognized that oxidative stress is a major contributing factor to the development of most chronic diseases.

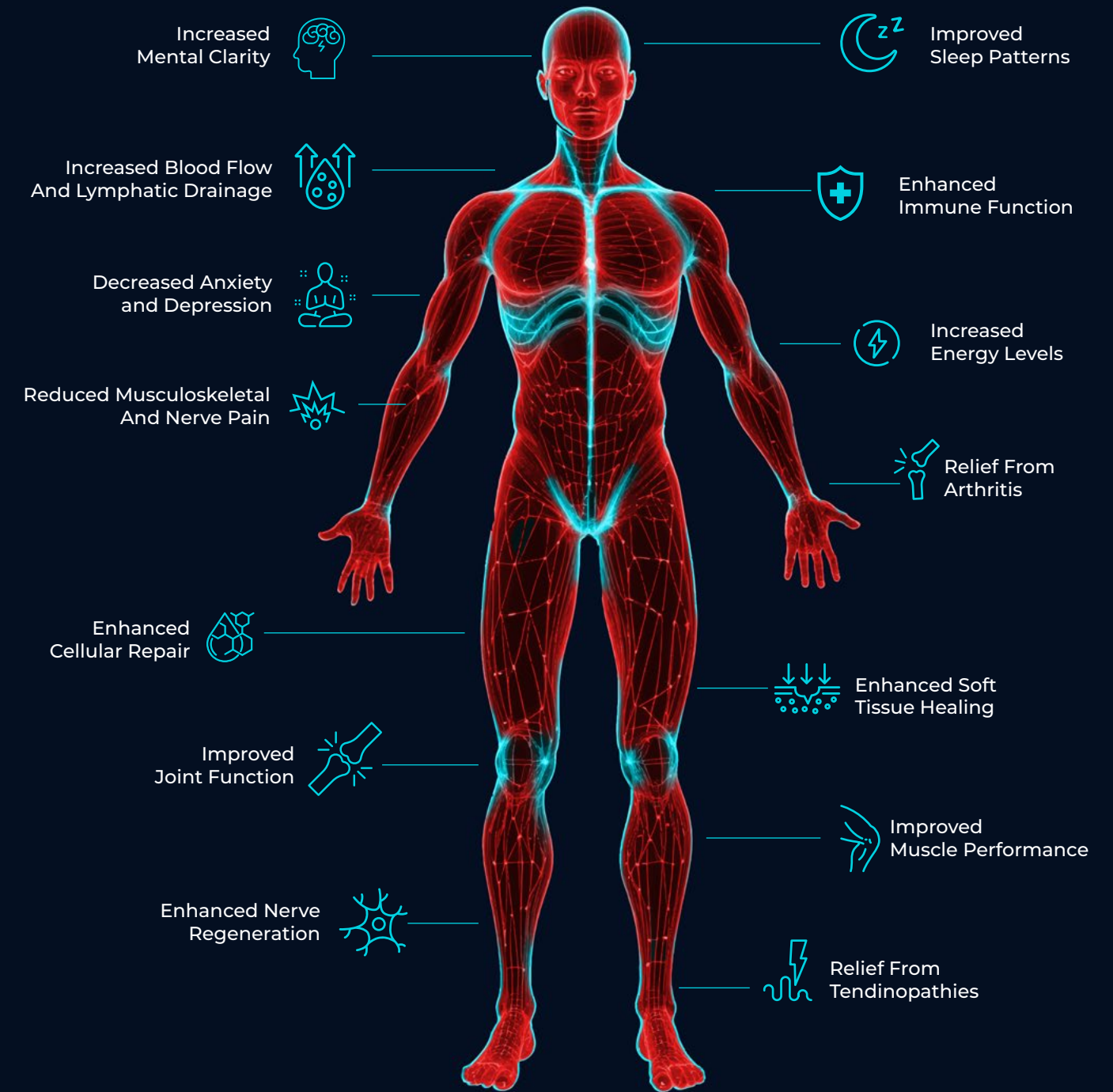
Factors that cause oxidative stress include:

- Exposure to pesticides, cleaning solutions, household chemicals and environmental toxins
- Exposure to UV radiation or pollution
- Negative lifestyle choices, including poor diet, smoking and excessive alcohol consumption
- History of infection or chronic illness

OXIDATIVE STRESS



PRIMARY AND SECONDARY BENEFITS OF PBM THERAPY



FOR A HEALTHIER LIFE

THE THERAPEUTIC BENEFITS OF FULL-BODY LIGHT THERAPY

Feeling constantly fatigued? Struggling with restless nights or persistent aches? Full-body light therapy could be the key to restoring balance and improving your overall well-being. Quest Medical's Red Light Therapy Systems are clinically proven to alleviate pain and reduce inflammation efficiently, safely, and quickly. Additionally, they are known to enhance sleep quality, boost energy levels, and sharpen mental clarity. Our systems are at the forefront of full-body light therapy, offering the most advanced, versatile, and effective treatment available. With our unique PBM technology, we ensure deep tissue saturation for all skin tones and body types.

Extensive research has shown that PBM therapy can provide a range of significant health benefits, including:

- Faster healing
- Strengthening of tissues
- Improved blood circulation and lymphatic flow
- Strengthened immune system
- Reduced anxiety and depression
- Improved sleep patterns



Boost Energy, Enhance Endurance, and Accelerate Recovery

Whether you're focused on maintaining an active lifestyle or seeking to enhance your overall well-being, studies have shown that red light therapy can be a valuable addition to your wellness routine. It supports improved performance by boosting energy levels, increasing endurance, and helping your body recover more efficiently after physical activity.



ONE TECHNOLOGY, COUNTLESS APPLICATIONS

Unlike injections and medications, which often only mask symptoms rather than treating the underlying issue, PBMT delivers light energy in the form of photons directly to damaged cells. These photons are absorbed by the cells, stimulating the mitochondria to accelerate the production of adenosine triphosphate (ATP), increasing cellular energy. This boost in energy helps restore cells from a dysfunctional state to a healthy one, leading to reduced inflammation, improved blood circulation, and enhanced tissue repair. PBMT also triggers immunomodulation, activating the body's natural healing processes.

Quest Medical's cutting-edge systems are designed and manufactured to not only meet but exceed the highest industry standards.

Backed by vigorous clinical studies, our PBMT therapies have demonstrated positive therapeutic benefits for virtually all regions of the body:

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



RL-1



RL-2



RL-3



SUPPORTED BY SCIENCE

Over 500 double-blind, randomized controlled trials, along with 5,000 laboratory studies, have been conducted to examine the impact of PBMT.

Research indicates that PBMT is a dose-sensitive therapy that, when accurately adjusted, can produce significant benefits across a wide range of conditions, including:

- ✓ Arthritis
- ✓ Tendinopathies
- ✓ Nerve pain
- ✓ Soft tissue healing
- ✓ Nerve regeneration
- ✓ Musculoskeletal pain
- ✓ Anxiety and depression
- ✓ Sleep disorders

Enhancing Wellness and Healing with Red Light Therapy

Red light therapy is a powerful, non-invasive treatment designed to support your journey toward better health and well-being. Whether you're looking to boost your energy, improve sleep, or simply stay proactive about your health, this innovative therapy offers a natural way to enhance your body's healing abilities. For those facing more serious health challenges, such as inflammation or cancer, red light therapy can be a valuable tool in reducing pain, easing symptoms, and promoting faster recovery. Many individuals undergoing treatments like chemotherapy have found that red light therapy not only helps alleviate side effects but also strengthens their body's resilience, making it a supportive addition to conventional therapies. By harnessing the power of light, this treatment helps your body heal and thrive from the inside out.



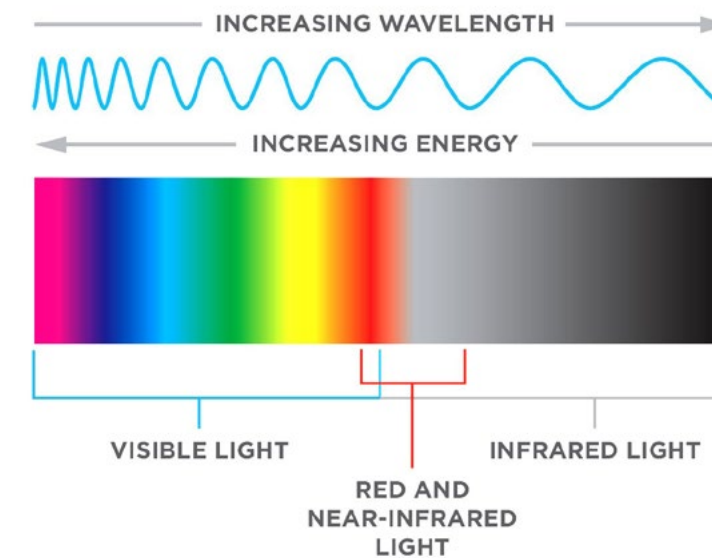
Precautions for PBMT

1. It is recommended that all jewelry and cosmetics must be removed from the body.
2. Do not take a bath within two hours after light exposure.
3. Pay attention to eye protection during use. Please remove contact lenses during use. Special eye protection (eye patch) must be worn.
4. After the first use, observe whether there is red light allergic reaction. If not, continue to follow the treatment course.
5. People who are allergic to red light, those who have recently used photosensitizers, patients who have active hemorrhage or shock, and organ damage are prohibited.
6. Can not be used to treat congenital skin hypoplasia, such as warts, spots, and moles.

WHAT IS LED PBMT?

LED therapy, a type of photobiomodulation therapy (PBMT), involves applying red and near-infrared light to tissues affected by injury, illness, or degeneration. Light consists of photons, tiny energy particles that move in waves. Red and near-infrared light, which lies just beyond the visible spectrum, has longer, "gentle" wavelengths that penetrate deep into tissue, delivering restorative effects at the cellular level.

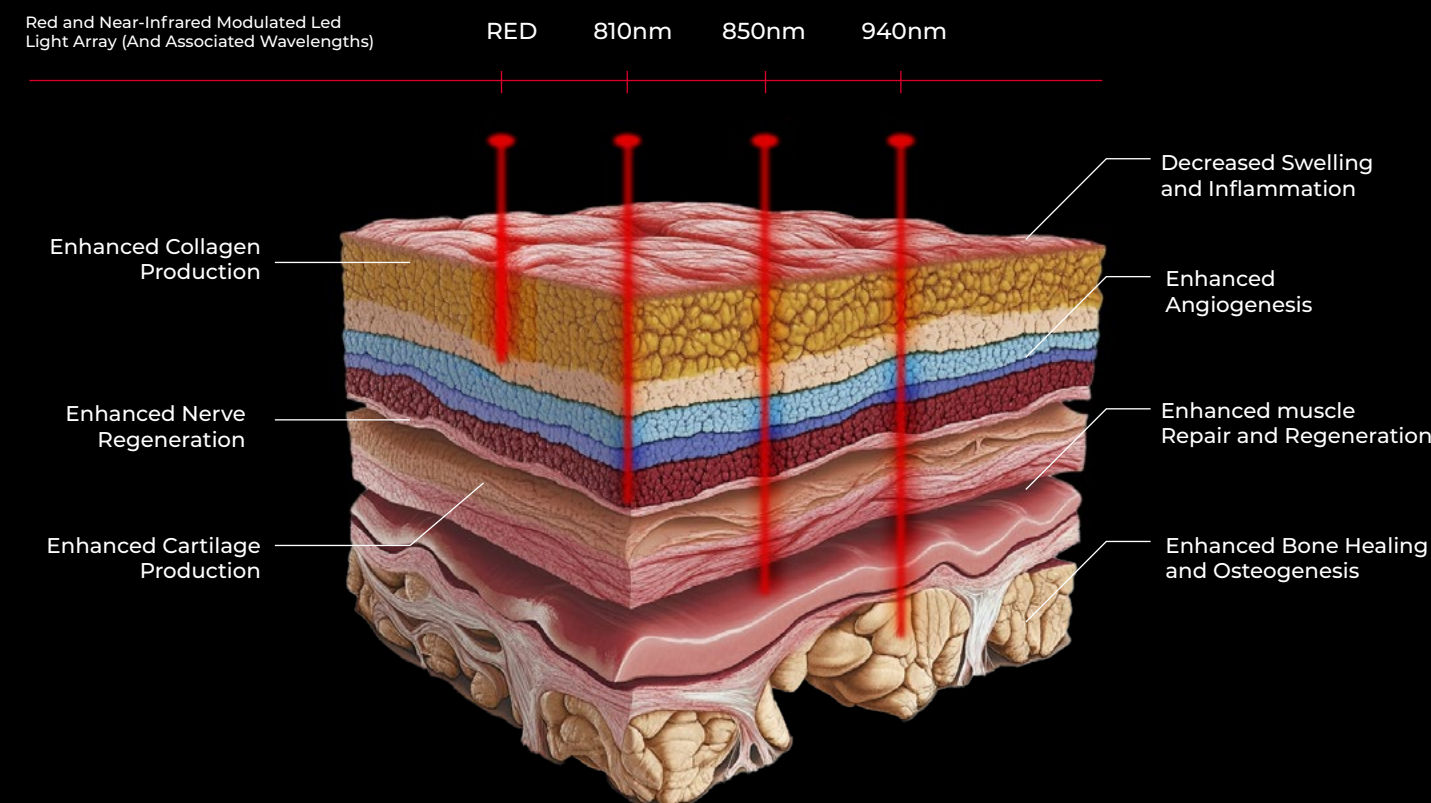
Quest Medical's full-body light therapy systems are specifically designed to deliver this therapeutic light at precise frequencies, ensuring a completely safe, noninvasive, and clinically proven healing process.



THERAPEUTIC BENEFITS OF PBMT

Photochemical responses at the cellular level

Red and Near-Infrared Modulated Led Light Array (And Associated Wavelengths)



Take a Deep Dive

into red light therapy



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For more information on scientific
studies & clinical data



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