

LAN
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CLINIC
LONDON

PHOTOBIO-
MODULATION
(RED LIGHT THERAPY)

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PHOTOBIMODULATION (RED LIGHT THERAPY)

Red Light Therapy (also known as Photobiomodulation - PBM) is essential for our energy system, with it being among one of the oldest applied restorative therapies. The combination of red and infrared light can help treat injuries, reduce pain, increase blood circulation, and boost energy levels.

Photobiomodulation is a form of light therapy that uses specific wavelengths of light to interact with tissue and is thought to help accelerate healing, reduce inflammation, and alleviate pain. This non-invasive treatment is often used for various medical and therapeutic purposes, including wound healing, reduction of pain and inflammation and improvement of skin conditions. This non-invasive treatment is often used for various medical and therapeutic purposes, including healing, reduction of pain and inflammation and improvement of skin conditions.

The key mechanisms behind PBM involve the absorption of light by cellular photoreceptors, particularly in the mitochondria, leading to increased production of adenosine triphosphate (ATP), modulation of reactive oxygen species (ROS), and induction of transcription factors. These biochemical changes can result in enhanced cell proliferation, migration, and differentiation, which contribute to tissue repair and pain relief.

PHOTOBIMODULATION AT LANSEHOF CLINIC:



In this therapy, a light source is placed near the skin, allowing the light energy (photons) to penetrate tissue where it interacts with chromophores located in cells resulting changes that lead to alterations at the molecular, cellular and tissue levels of the body.

PBM uses different light wavelengths which cause a reaction in damaged tissues hence then accelerating optimum cellular regeneration and help restore normal cellular function.

The treatment starts from 12 minutes but may vary based on the application of use.

WHEN SHOULD PBM BE USED?

- Anti-Inflammatory purposes
- Dermatology
- Cellular Regeneration
- Sports Medicine

Photobiomodulation Therapy	Price	Pack of 5	Pack of 10
 Core facial treatment plus one concern	£60.00	£270.00	£480.00
 Core plus anti-inflammatory and healing	£70.00	£315.00	£560.00

