

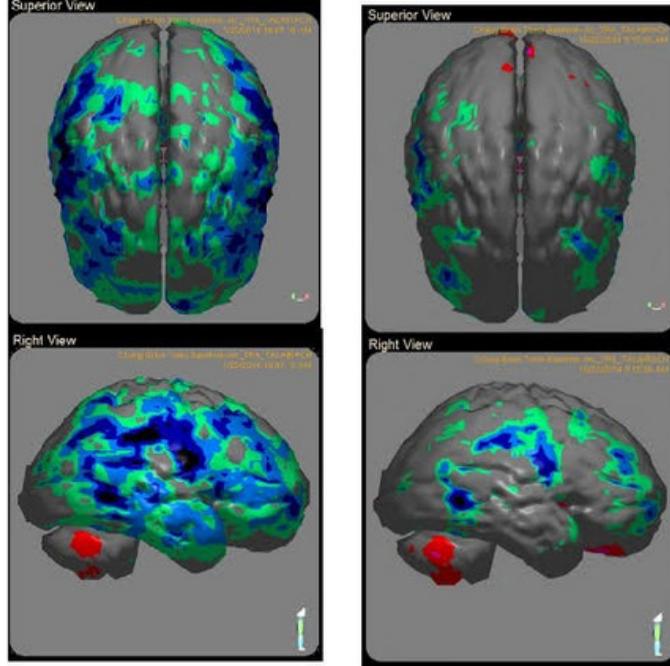
What is the Brain Light Pro?

The Brain Light Pro is an FDA cleared, ISO Good Manufacture rated, flexible patented designed pad made up of near infrared light emitting diodes (LEDs) that wraps around the head and brain stem.

Each 75 milliwatt LED is hand soldered and positioned to overlap for maximum low level light saturation, with 250 joules/cm² (vs laser light therapy at 3-10 joules/cm²) reaching 4-5 inches reaching into the blood-brain barrier.

Photobiomodulation (PBM) is a form of light therapy that utilizes non-ionizing light sources that could be a laser, light emitting diode and/or broadband light in the visible (400-700 nm) and near-infrared (700-1100 nm) electromagnetic spectrum.

According to the Medical College of Wisconsin, light-emitting diodes (LEDs) have been found to be more beneficial than lasers in several respects. The basic premise is that long wavelength lights stimulate cellular energy metabolism and energy production. LED was able to reverse the detrimental effect of Tetradoxins (TTX) by bringing cytochrome c oxidase back to control levels.



SPECT SCAN RESULTS

These results were obtained using the Brain Light Pro

The SPECT imaging above shows a scan before and after 6 weeks of treatment. The participants consisted of male veterans that had a Traumatic Brain Injury at least 18 months or more prior to study. The treatment consisted of 20 minute sessions three times a week. One treatment will fully saturate the brain for 4 hours. The after images (located on the right) shows **much more grey**, indicating more blood flow to the brain. Additionally, the participants had a decrease in depression, anxiety, memory loss, and foggy thinking.

How Does the Light Work?

When the mitochondria absorbs the photons delivered during PBM, then there is a burst of reactive oxygen species may trigger some mitochondrial signaling pathways leading to cytoprotective, anti-oxidant and anti-apoptotic effects in the cells.

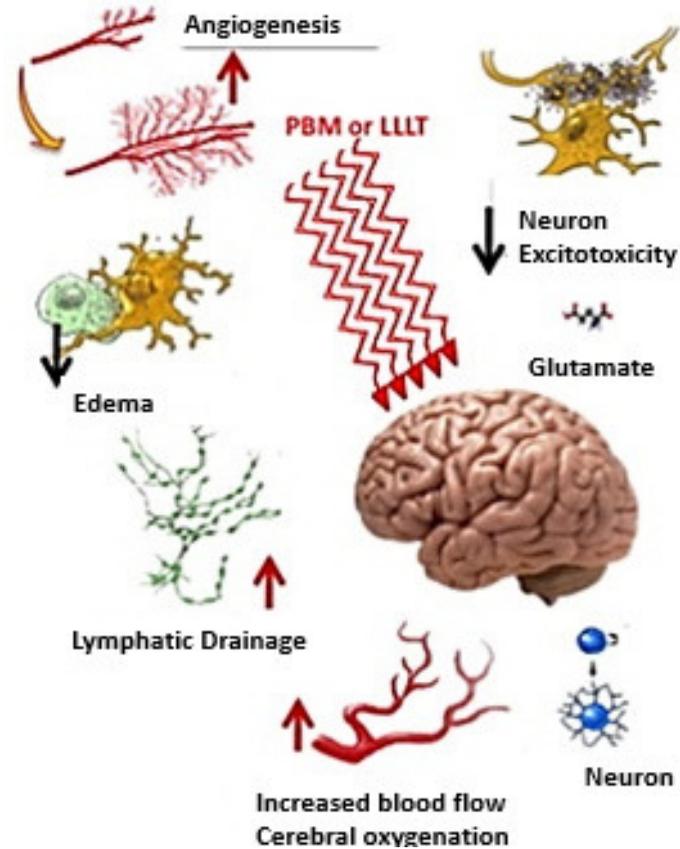
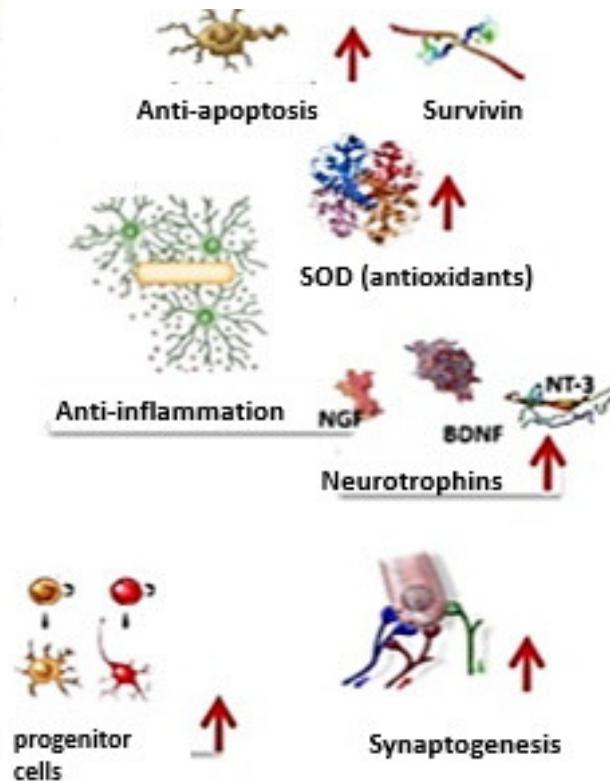


Figure above is from Shining Light on the Head: Photo-bio-modulation, treatment for migraine headaches
Photo supplied by Science Direct

The NO that is released by photodissociation acts as a vasodilator as well as a dilator of lymphatic flow. Moreover NO is also a potent signaling molecule and can activate a number of beneficial cellular pathways .



According to Harvard Medical School, Wellman Center for Photomedicine, brain PBM therapy using red to NIR light is able to stimulate complex IV of the mitochondrial respiratory chain (cytochrome c oxidase) & increase ATP synthesis.



BRAIN Light PRO

Enhance, Strengthen, and Upgrade
Your Brain With More Grey



Benefits for Doctors

- Do not have to keep inventory
- We will process your sales and give weekly commissions
- We handle all warranty and shipping to patients
- Can add product as a service in the clinic or sold for at home use

WANT TO LEARN MORE?

CONTACT US!

HM3 LIGHT

We are happy to answer any questions you may have regarding this phenomenal product, the science behind it, and how it can benefit you and your patients!

MATTHEW EINSOHN

214-930-3119

MICHELLE EWER

214-725-7669

LED Near-Infrared Light

Benefits

- Increases mitochondrial production of Adenosine Triphosphate (ATP) by 300%.
- Causes a sustained increase in Nitric Oxide (NO), which has a healing effect for the cardiovascular system.
- Decreases the buildup of Tau proteins
- Creates new blood vessels, synapses, and neurons.
- Improves memory and decreases neurodegeneration through the reduction in beta amyloid plaque in the brain as seen by dementia & Alzheimer patients.
- Brings Serotonin, Melatonin and Dopamine to balanced states.

According to VA Boston Health System, there was improved cognitive function after transcranial, light-emitting diode treatments in chronic, traumatic brain injury.

Testimonials

I played football for UNC and received two concussions. In less than a year I lost 40 lbs, became anxious, suffered from insomnia, and started taking Xanax. After using this tool, I began to sleep like a baby, eat like I used to and gained 30 lbs back of healthy weight, able to articulate, feel emotionally stable, and completely off Xanax. Athletes can be healed and their brains restored.

- JB

I put it to the test yesterday at an event with 50 people. I haven't been so good with names lately. At the end of the event I could remember 40 out of 50 names. Normally I would only remember a couple. -Greg B.

My mother has had MS for over 42 years. Her articulation has been most affected over the past 12 years. After 10 days of using the Brain Light Pro, she described a movie for 20 minutes straight - in perfect diction and clarity!

-Michelle E.

According to the Wolfson Medical Center in Israel, there was significant improvement in acute human stroke patients when photobiomodulation was applied approximately 18 hours after the stroke occurs, regardless of the stroke location. Improvements were still present 90 days after the stroke occurred.