Principles of the Vielight Neuro

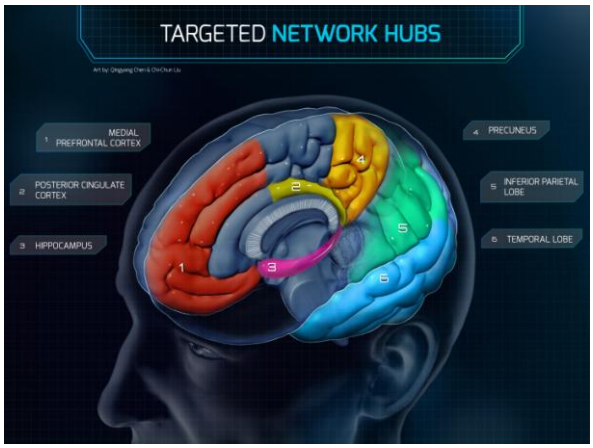
The Neuro is based on the science of photobiomodulation, where light restores a biological system back to health. It directs near infrared light (NIR) to the hubs of the default mode network (DMN) of the brain using low power light emitting diodes (LED).

The research on DMN abnormalities and related neuro-pathologies are highly advanced, providing useful data for us to develop the Neuro. It also allows us to address the whole brain by targeting at a few hubs.

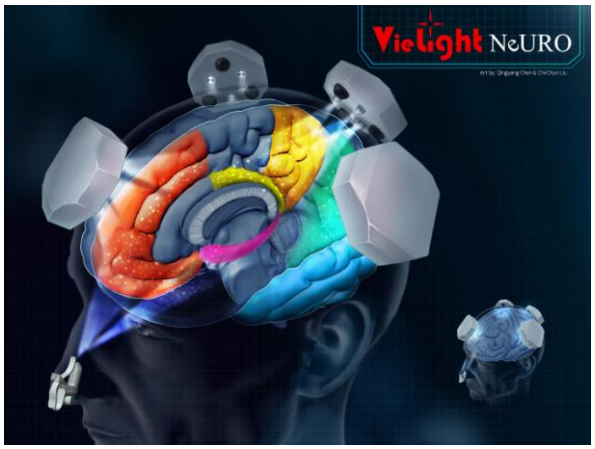
Research studies in photobiomodulation show that neurons respond to NIR light energy. The wavelength of 810 nm, pulsed at 10 Hz has been found to be effective for neuronal healing. Patients with stroke and traumatic brain injury recover when NIR light energy is delivered to the appropriate areas of the brain. In addition, lab animals recover from neurodegenerative diseases such as Alzheimer's and Parkinson's.

We have combined the data related to the DMN with those related to photobiomodulation to develop the Neuro. The efficiency of targeting the DMN also enables us to take on a whole-brain approach with a low power system that is affordable, portable and easy to use.

The Targeted Hubs of the Default Mode Network



Targeting the Hubs



The Vielight Neuro

Vielight Neuro Expected Outcomes

The Vielight Neuro is a general wellness device that may enhance mental acuity. The NIR energy should theoretically reach targeted locations at immediate locations on the line of sight of the NIR beams. The depth of penetration varies between different individuals.

Although this invention is based on peer-reviewed research, direct clinical data based on the Vielight Neuro is pending. No medical claim is made by the company.

Availability

Full release is targeted by end of May 2015

Retail price: $1499.00

Regulatory

Vielight Neuro has not been examined by the FDA or other regulatory agencies. It is a low-risk general wellness product that does not require FDA clearance according to the FDA's draft on “General Wellness: Policy on Low Risk Devices” - dated January 20, 2015.

www.vielight.com

Customer service: 1-855-875-6841