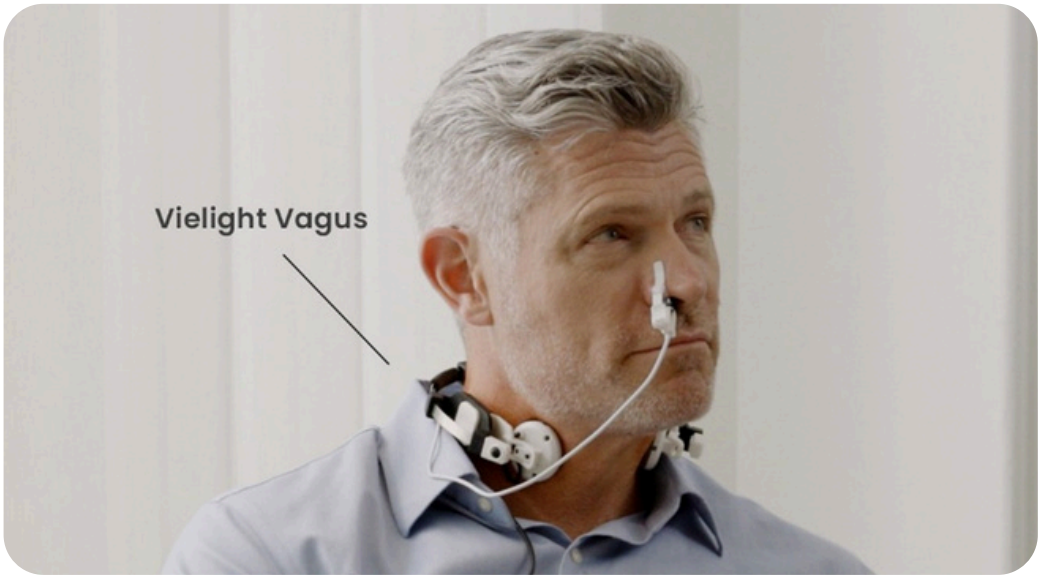
MAY 2025

Vielight News

Accelerating photobiomodulation.



Vielight Vagus | Next-gen Wellness Technology

WATCH NOW

Discover the power of non-invasive vagus nerve stimulation with the Vielight Vagus – a revolutionary wellness device designed to enhance the vital connection between your brain and body.

Unlike traditional electrical stimulators, the Vielight Vagus uses pulsed near-infrared (NIR) light to stimulate the cervical vagus nerve through the skin of the neck. This patented, easy-to-use device is powered by photobiomodulation (PBM), a science-backed method that activates mitochondria to promote cellular health.

The vagus nerve helps regulate key bodily functions like heart rate, mood, inflammation, digestion, and stress resilience. By increasing vagal tone, the Vielight Vagus may help optimize your autonomic nervous system for better health and emotional balance.

- Learn more at: https://www.vielight.com/devices/vagus/
- Watch the explainer video **here**.

Newsletter Highlights

Vielight Vagus Explainer video

Irradiance is Power

Published research with the Velight Neuro Gamma in TBI: An Overview

VIELIGHT

IRRADIANCE IS POWER | EXPLAINER VIDEO

WATCH NOW

What makes brain photobiomodulation truly effective? It's not just the wavelength — Irradiance, or surface power density (measured in mW/cm²), plays a critical role in how deeply near-infrared (NIR) light can penetrate the scalp and reach brain tissue.

In this video, we break down:

- Why a high irradiance is optimal for activating brain cells and achieving therapeutic effects
- How natural sunlight compares to brain PBM devices in terms of NIR power
- Independent engineering lab test results comparing the Vielight Neuro to other PBM helmets, such as the Suyzeko NIR and Neuronic Neuradiant
- Why devices like the Vielight Neuro deliver superior outcomes thanks to higher irradiance

Read more about why irradiance is important: **Link**

Vielight Neuro Gamma in TBI: An Overview

University of Utah researchers studied the Vielight Neuro Gamma for brain injuries, using its patented intranasal/transcranial PBM technology.

In a study of **49 participants with mTBI or RHAEs**, results suggested PBM may help improve physical performance.

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