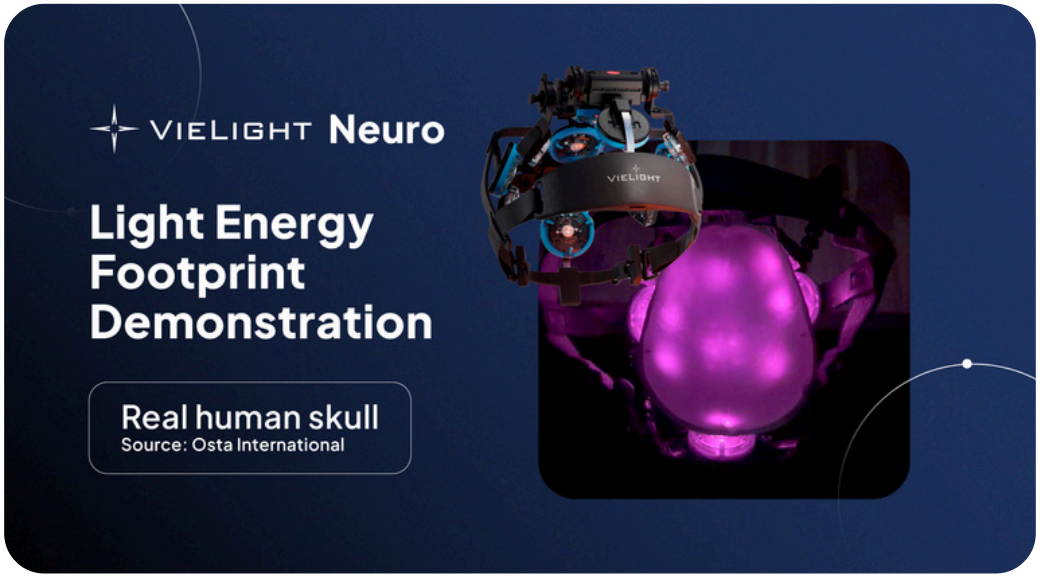
JULY 2025

Vielight News

Accelerating photobiomodulation.



Vielight Neuro | Energy footprint demonstration

WATCH NOW

In this groundbreaking video, we reveal the real-world near-infrared (NIR) energy penetration profile of the Vielight Neuro 4 and Neuro Pro 2, captured on camera using a real human skull and a specialized near-infrared sensor.

Filmed in darkness, this footage demonstrates how NIR light behaves as it passes through the calvaria (skullcap), offering insight into the distribution of photobiomodulation (PBM) energy and the importance of irradiance.

The test highlights the differences in penetration between the two Vielight Neuro models based on irradiance (mW/cm2) intensity, showcasing how much light reaches the inner cranial cavity.

🔬 What You'll See:
-Live NIR imaging of light scattering through a real skull
-Comparative analysis between the Neuro 4 and Neuro Pro 2
-Discussion of LED placement, irradiance, and beam focus
-Implications for brain-targeted photobiomodulation

Newsletter Highlights

VIELIGHT

Long COVID & Brain Fog: Clinical Trial Update

In this compelling lecture, Dr. Lew Lim, founder of Vielight, traces the company's journey from the onset of Covid-19 to cutting-edge research on long-Covid and brain fog.

- Real-world insights from the Diamond Princess outbreak
- Clinical trial results from our major n=294 Covid-19 study
- An update on our Long-Covid Brain Fog clinical trial
- New data showing PBM boosts cognition in under-45s
- Live imaging of improved brain lymphatic flow via PBM
- Emerging strategies for chronic fatigue using nasal and vagus stimulation

WATCH NOW

Dr. Lim also explores how Vielight's PBM devices may enhance cognition, reduce inflammation, and offer hope for home-based recovery and future clinical adoption.

Why the nose?

Explore the anatomy of a real human skull and learn why the nasal channel is the best way to reach important brain structures located on the underside of the brain

WATCH NOW