

Vielight News

Accelerating photobiomodulation.



VIELIGHT

Newsletter Highlights

Brain Fog Chemobrain
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NBC Feature: "A Major
Breakthrough" in
Brain Resilience

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A [clinical study](#) with the [Vielight Neuro](#), published in Supportive Care in Cancer (Godaert et al., 2026) investigated the effects of brain photobiomodulation (itPBM) on "chemobrain" - the cognitive impairment following chemotherapy.

The study involved 31 women who received 20-minute weekly sessions for 10 weeks using the Vielight Neuro Duo 4 (810nm near-infrared light pulsed at 40 Hz). Researchers targeted the brain's default mode network to address deficits in memory and executive function.

Key Findings:

- Significant Improvement: Participants showed **a statistically significant increase in perceived cognitive function**. Total FACT-Cog scores rose from a mean of **63.3 to 101.2 (!)**
- Mechanisms: The therapy is based on 810nm's strong mitochondrial ATP production, oxidative stress reduction, and neural oscillation synchronization (Gamma rhythms).

The results suggest that itPBM is a well-tolerated, non-invasive intervention for managing post-chemotherapy cognitive symptoms. While promising, the authors note that larger randomized controlled trials are needed.

[Read the full published study here.](#)



NBC Feature: "A Major Breakthrough" in Brain Resilience

KSL 5 TV-NBC just called it a "major breakthrough." We call it the future of brain resilience.

As Dr. Larry Carr says, "I think we've solved the problem and potentially saved football."

This isn't just about football. It's about redefining resilience for everyone - from first responders to high-performance professionals.

- 📊 The Control Group: Showed increases in tissue stress over the season.
- 🛡️ The Active Group: Used Vielight Neuro itPBM (intranasal-transcranial) technology and maintained a stable, resilient brain profile .

[Read the full news feature here](#)

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