

NOVEMBER 2024

Vielight News

Accelerating photobiomodulation.



TBI: Clinical Research Overview

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This visual summary is based on a recently published mTBI clinical study by researchers from the Department of Neurology at the University of Utah with the Vielight Neuro Gamma.

This proof-of-concept study evaluated the effects of transcranial-intranasal photobiomodulation (itPBM) on neuromuscular health in 49 adults (43 completed) aged 18-69 with mild traumatic brain injury (mTBI).

Key findings included:

- **Reaction Time:** Improved by 19.39 ms ($p < 0.001$).
- **Grip Strength:** Increased by 2.70 kg (dominant hand) and 3.73 kg (nondominant hand).
- **Balance (MiniBEST):** Scores improved by 1.32 points ($p < 0.001$), with 23% of participants showing clinically meaningful improvements.

This research marks a key first step toward addressing a neurological condition with no current solution.

Read the full study here: [Link](#)

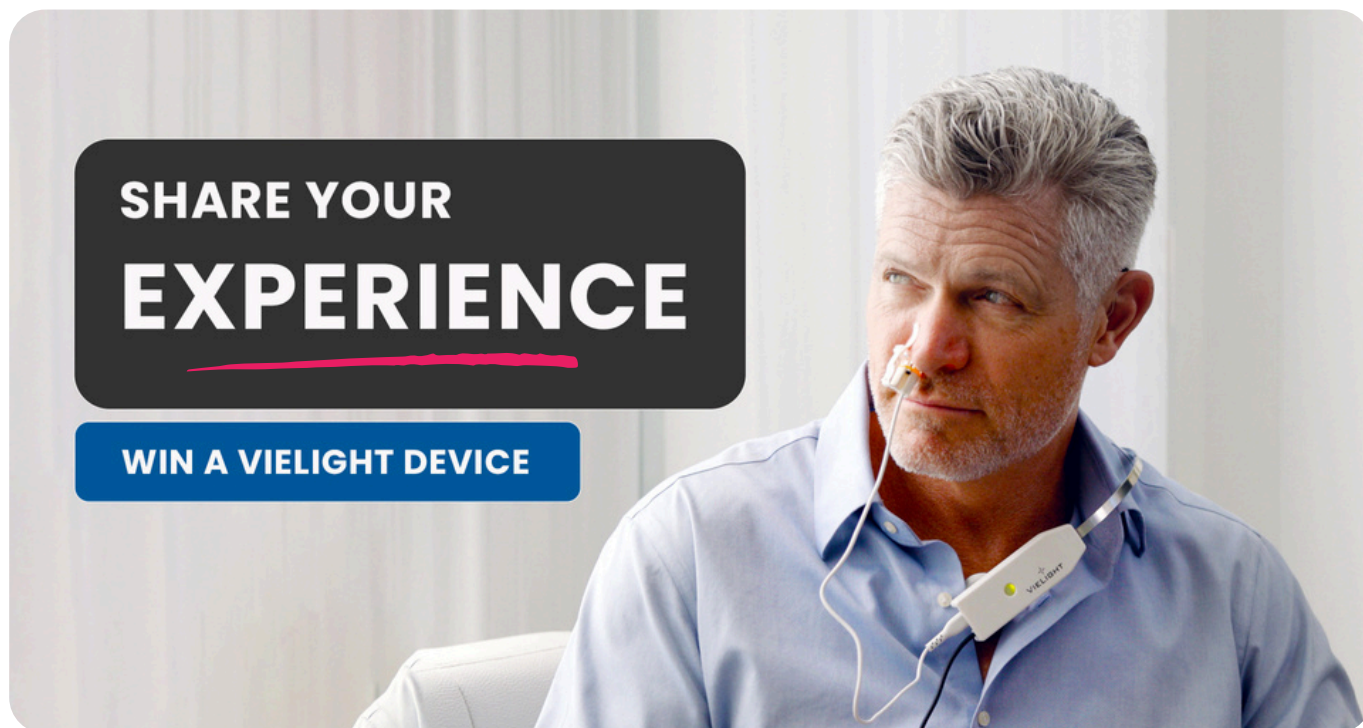
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New TBI research visualization

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If you have purchased a device from us within the past four years and have a meaningful experience to share, we'd love to hear your feedback.

As a token of our appreciation for your time, we're offering a limited number of Vielight 633/655 intranasal devices (retired MIP), previously priced at \$299–\$349.

This special opportunity is available until December 20th, so don't miss out! Write to us at [**social@vielight.com**](mailto:social@vielight.com)



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The Vielight Relief is a medical device and debuts at \$349.

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