

PHOTOBIO-MODULATION (PBM)

The healing power of light

About PBM

Photobiomodulation (PBM) is a safe, non-invasive technique that uses light energy—specifically red and near-infrared (NIR) wavelengths—to promote beneficial changes at the cellular level. Research indicates that PBM can help repair damaged brain cells, increase blood flow in the brain, reduce inflammation and toxicity, and support cell regeneration. The deep-penetrating NIR light is especially effective in rebuilding neuronal connections, improving brain function, and enhancing overall performance.

pBM devices

At VIECLINIC, we utilize the Vielight Neuro, the only transcranial-intranasal brain photobiomodulation (PBM) device in the world. This device has a headset and a nasal applicator that emit pulsed NIR light at 810nm. We employ the two latest and top-performing Vielight Neuro devices:

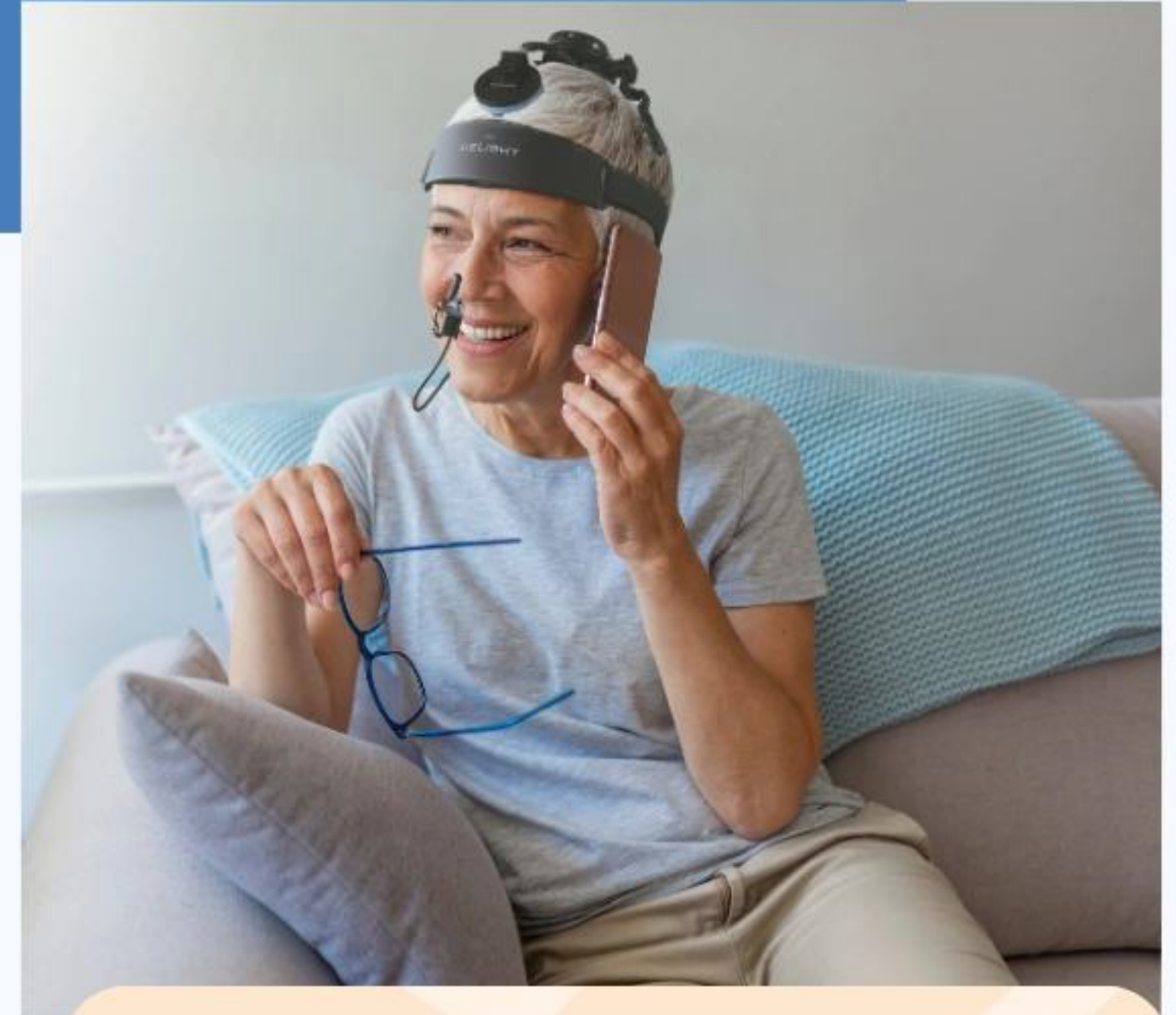
- **Neuro Duo 4**

The Neuro Duo transmits pulsed near-infrared (NIR) energy at two frequencies:

- Gamma (40Hz): focus, memory, brain energy
- Alpha (10 Hz): relaxation and sleep improvement

- **Neuro Pro 2**

The Neuro Pro 2 is an advanced system designed for customizable and comprehensive photobiomodulation. It can incorporate different pulse frequencies and network synchronization to reach optimal cognitive outcomes.



AT A GLANCE DEVICES

- Vielight Neuro Pro 2
- Vielight Neuro Duo 4

BENEFITS

- Healing damaged brain cells
- Increasing cerebral brain flow
- Reducing inflammation
- Helping cell regeneration

To learn more about our services:





Common side effects

Photobiomodulation is typically safe with minimal to no side effects. However, some users have reported experiencing minor discomforts such as headaches and sleep disturbances due to the pulsation in specific devices.

PBM session: What to expect

You will relax in a comfortable chair while wearing the device. The headset will be positioned on your head, and the nasal applicator(s) will be gently inserted into one or both nostrils.

The treatment typically lasts between 10 and 25 minutes.

During the session, you may feel a tingling sensation and warmth on your scalp. Other possible side effects include mild discomfort around your head and nostrils, as well as slight headaches.



www.vieclinic.com



contact@vieclinic.com



471 Jarvis Street,
Toronto, ON, M4Y 2G8



+1-416-637-3030

