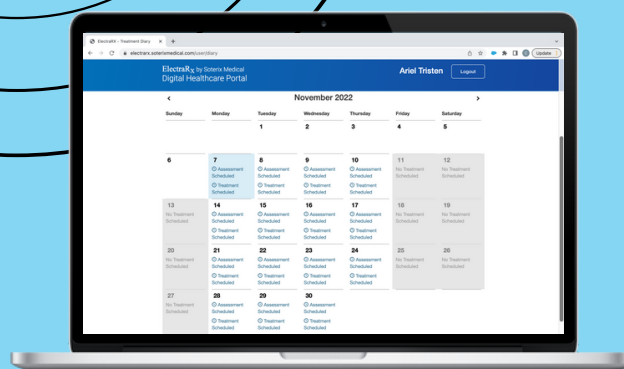


The Soterix Medical transcutaneous auricular Vagus Nerve Stimulation (taVNS) system is the only integrated device and accessories set-up for clinical research on taVNS.

An inexpensive, low-risk, easy to administer, and portable option to modulate the vagus nerve.

Custom pulse parameter settings (frequency, train duration, inter-train interval, session duration) allow testing of commonly used protocols.



ElectraRX Software Compatible

ElectraRX integrates complete screening and assessments, taVNS dose management, and online digital therapeutics all in one place that can be accessed from anywhere.



contact@soterixmedical.com



www.soterixmedical.com



taVNS

REMOTE SUPERVISION

Device Specifications



- **Waveform:** Monophasic Pulse
- **Current intensity:** Adjustable from +500 μ A to +5,000 μ A with 100 μ A increment step
- **Duration:** Adjustable from 5 to 60 minutes with 1 min increment step
- **Train Duration:** Adjustable from 1 to 30 seconds with 1 second increment step
- **Inter Train Interval:** Adjustable from 1 to 30 seconds with 1 second increment step
- **Frequency:** Adjustable from 1 to 200 Hz with 1 Hz increment step
- **Pulse width:** Adjustable from 20 to $[(1,000,000/F)-20]$ μ seconds; where F is the set frequency. 1 μ second increment step



taVNS + MRI

Soterix Medical taVNS systems can be used in the fMRI/MRI using a unique taVNS-MRI kit.

The unique setup uses filters through the patch panel for an exceptional RF noise control, providing unmatched reliability.

Rated to be compatible with any sequence in a 7T machine in Normal and First Level modes.

taVNS Electrodes



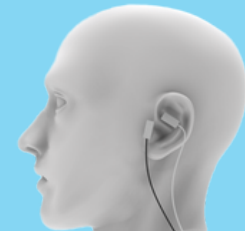
EASY-Clip

Target the tragus or earlobe for SHAM stimulation.



RELIfit-Tragus

Uniquely designed to hook around the ear for fail-safe positioning. Options for use with saline or gel.



RELI-Stick

Single-use flexible hydrogel electrodes that can be positioned anywhere on the ear