Better.Smarter.

Soterix medical

Soterix Medical line of HD tDCS devices are simple to use and precise.

HD tDCS DEVICE FEATURES

UNPRECEDENTED TARGETING

HD-tDCS electrode arrays allow selective targeting of desired brain structures

FLEXIBILITY

Ability to customize stimulation in an application specific manner and provide individualized therapy.

HD SOFTWARE FOR DOSE OPTIMIZATION

- HDTargets provides the most optimal electrode placementand individual currents to be injected for a desired brain target.
- HDExplore allows exploring current flow for pre-determined electrode montage and individual currents.

Visit us at soterixmedical.com

SOTERIX MEDICAL HD-tDCS DEVICE INNOVATIONS

Soterix Medical High-Definition transcranial Direct Current Stimulation (HD-tDCS) is a non-invasive technique where brain regions are targeted using arrays of electrodes on the scalp. In contrast to conventional tDCS, which uses large sponge electrodes, HD-tDCS uses our exclusive "High-Definition" small gel based electrodes. This proprietary technology is the only hardware that allows safe and tolerated passage of current through small scalp electrodes, as validated in clinical trials. Soterix Medical Neurotargeting Software provides users optimal electrode placements and ability to explore potential placements.

4×1 HD-tDCS

Industry Standard

Intelligently converts conventional stimulator to 4x1 HD-tDCS. The most economical and scalable solution for HD-tDCS.

4X1 MONTAGE

Most common HD-tDCS deployment with option to select a center anode or center cathode.

INTEGRATION

Combine with any 1x1 device to obtain 4x1 stimulation. Leverage all the unique features of 1x1 device platform (TRUEcurrent, SMARTscan, RELAX, PRE-STIM tickle).

HD SOFTWARE COMPATIBLE

Compatible with our revolutionary neurotargeting softwares:
- Use HDTargets to determine optimal electrode placement.
- Use HDExplore to explore potential 4x1 placements.

M×N HD-tDCS

Advanced Neuromodulation

MxN HD-tDCS is the most advanced non-invasive neuromodulation system enabling full control of electrode placement and current.

MXN MONTAGE

Combine anodes and cathodes in any combination to implement any montage (2x3, 3x5 , etc)

SCALABLE

Use stacks of devices to obtain as many independent stimulation channels as desired (5,9,33,65 ,129 and more).

TRUE CONTROL

Complete control over current and polarity with indication of actual current being supplied.

HD SOFTWARE COMPATIBLE

Compatible with our revolutionary neurotargeting software:
Use HDTargets to determine optimal electrode placement.
Use HDExplore to explore potential MxN placements.