

sleep WISP®

 Neurosom®

 BEL
Brain Electrophysiology Lab

Better sleep, better mind, better you!

The Sleep WISP® reduces the risk of Dementia in adults through unique, real-time improvement of deep sleep and increased metabolic waste clearances of built up toxins in the brain.



Fast & Easy Self-Application



Real-time Sleep Classification



Deep Sleep Enhancement



Sleep Report with Hypnogram



NEAT software has received the FDA 501(k) clearance.

The Sleep WISP® redefines sleep improvement with patented technology that uses electrical stimulation to extend the time spent in deep, restorative sleep. Sophisticated AI continuously monitors sleep EEG, classifies sleep stages in real time, and at the right stage, signals the Sleep WISP® headband to activate the deep sleep enhancing stimulation protocol.



“This may be the first example of AI connected directly to monitoring the brain’s electrical activity and then directly manipulating that activity in real time.” – Don Tucker, PhD, CEO.

The complete Sleep WISP® EEG/TES System includes the comfortable and easy-to-apply Sleep WISP® headband, a tablet equipped with intuitive Sleep WISP® software, the Sleep WISP® Dock computer, the FDA cleared NEAT software featuring machine learning for real-time sleep staging and analysis, and it integrates with BEL's cloud-based FLOW workflow manager for collaboration, file management, EEG review, scripting, and data analytics.



Our Sleep Therapy study, published in *Sleep Medicine*, demonstrated significant increases in deep sleep (N3 stage) among participants (Hathaway et al., 2021).



BEL has received grants from the Department of Defense (DoD) to enhance deep sleep and boost military personnel performance, and from the National Institute of Aging (NIA) to aid patients with Mild Cognitive Impairment.



www.neurosom.net



www.bel.company