

Resource Summary Report

Generated by [NIF](#) on May 24, 2025

NIRSPORT

RRID:SCR_014541

Type: Tool

Proper Citation

NIRSPORT (RRID:SCR_014541)

Resource Information

URL: <http://nirx.net/nirsport/>

Proper Citation: NIRSPORT (RRID:SCR_014541)

Description: A commercial cap product that records fNIR signals from the participant. NIRSport integrates for concurrent measurements with EEG, fMRI, eye-tracking, cochlear implants, TMS, tDCS, EMG, pulse oximetry, and other modalities for concurrent measurements. Researchers can conduct tandem studies with two separate systems synchronized to operate simultaneously.

Resource Type: software resource

Keywords: commercial, cap, fnir, nirx, wearable system, device

Funding:

Availability: Commercial product

Resource Name: NIRSPORT

Resource ID: SCR_014541

Record Creation Time: 20220129T080321+0000

Record Last Update: 20250519T203832+0000

Ratings and Alerts

No rating or validation information has been found for NIRSPORT.

No alerts have been found for NIRSPORT.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 10 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#).

Lim M, et al. (2024) Culture, sex and social context influence brain-to-brain synchrony: an fNIRS hyperscanning study. BMC psychology, 12(1), 350.

Rahrig H, et al. (2024) Managing emotions in the age of political polarization: A randomized controlled trial comparing mindfulness to cognitive reappraisal. Research square.

Kaddis JS, et al. (2022) Improving the Prediction of Type 1 Diabetes Across Ancestries. Diabetes care, 45(3), e48.

Mazziotti R, et al. (2022) The amplitude of fNIRS hemodynamic response in the visual cortex unmask autistic traits in typically developing children. Translational psychiatry, 12(1), 53.

St George RJ, et al. (2021) Functional Near-infrared Spectroscopy Reveals the Compensatory Potential of Pre-frontal Cortical Activity for Standing Balance in Young and Older Adults. Neuroscience, 452, 208.

Sharp RC, et al. (2021) The Immunoregulatory Role of the Signal Regulatory Protein Family and CD47 Signaling Pathway in Type 1 Diabetes. Frontiers in immunology, 12, 739048.

Hiller H, et al. (2021) Altered cellular localisation and expression, together with unconventional protein trafficking, of prion protein, PrPC, in type 1 diabetes. Diabetologia, 64(10), 2279.

Tang X, et al. (2021) Image-Based Machine Learning Algorithms for Disease Characterization in the Human Type 1 Diabetes Pancreas. The American journal of pathology, 191(3), 454.

Kusmartseva I, et al. (2020) Temporal Analysis of Amylase Expression in Control, Autoantibody-Positive, and Type 1 Diabetes Pancreatic Tissues. Diabetes, 69(1), 60.

Vrana A, et al. (2016) Different mechanosensory stimulations of the lower back elicit specific changes in hemodynamics and oxygenation in cortical sensorimotor areas-A fNIRS study. Brain and behavior, 6(12), e00575.