

Resource Summary Report

Generated by PRECISE-TBI on Aug 1, 2026

CHB-MIT Scalp EEG Database

RRID:SCR_004264

Type: Tool

Proper Citation

CHB-MIT Scalp EEG Database (RRID:SCR_004264)

Resource Information

URL: <http://www.physionet.org/pn6/chbmit/>

Proper Citation: CHB-MIT Scalp EEG Database (RRID:SCR_004264)

Description: THIS RESOURCE IS NO LONGER IN SERVICE. Documented on November 22, 2022. Data set collected at the Children's Hospital Boston, of EEG recordings from pediatric subjects with intractable seizures. Subjects were monitored for up to several days following withdrawal of anti-seizure medication in order to characterize their seizures and assess their candidacy for surgical intervention. All signals were sampled at 256 samples per second with 16-bit resolution. Most files contain 23 EEG signals (24 or 26 in a few cases).

Abbreviations: CHB-MIT Scalp EEG Database

Resource Type: data set, data or information resource

Keywords: eeg, pediatric, young human

Related Condition: Seizure

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: CHB-MIT Scalp EEG Database

Resource ID: SCR_004264

Alternate IDs: nlx_28050

Record Creation Time: 20220129T080223+0000

Record Last Update: 20260801T042546+0000

Ratings and Alerts

No rating or validation information has been found for CHB-MIT Scalp EEG Database.

No alerts have been found for CHB-MIT Scalp EEG Database.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

DiLorenzo DJ, et al. (2019) Neural State Monitoring in the Treatment of Epilepsy: Seizure Prediction-Conceptualization to First-In-Man Study. Brain sciences, 9(7).

Chen D, et al. (2017) A high-performance seizure detection algorithm based on Discrete Wavelet Transform (DWT) and EEG. PloS one, 12(3), e0173138.

Cavanagh JF, et al. (2017) The Patient Repository for EEG Data + Computational Tools (PRED+CT). Frontiers in neuroinformatics, 11, 67.

Myers MH, et al. (2016) Seizure Prediction and Detection via Phase and Amplitude Lock Values. Frontiers in human neuroscience, 10, 80.