Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 24, 2025

MIT-BIH polysomnographic

RRID:SCR_013078
Type: Tool

Proper Citation

MIT-BIH polysomnographic (RRID:SCR_013078)

Resource Information

URL: http://www.physionet.org/physiobank/database/slpdb/

Proper Citation: MIT-BIH polysomnographic (RRID:SCR_013078)

Description: MIT-BIH Polysomnographic Database is a collection of recordings of multiple physiologic signals during sleep. Subjects were monitored in Boston"s Beth Israel Hospital Sleep Laboratory for evaluation of chronic obstructive sleep apnea syndrome, and to test the effects of constant positive airway pressure (CPAP), a standard therapeutic intervention that usually prevents or substantially reduces airway obstruction in these subjects. The database contains over 80 hours" worth of four-, six-, and seven-channel polysomnographic recordings, each with an ECG signal annotated beat-by-beat, and EEG and respiration signals annotated with respect to sleep stages and apnea

Synonyms: MIT-BIH polysomnographic

Resource Type: data or information resource, database

Funding:

Resource Name: MIT-BIH polysomnographic

Resource ID: SCR_013078

Alternate IDs: nlx_45862

Record Creation Time: 20220129T080314+0000

Record Last Update: 20250424T065221+0000

Ratings and Alerts

No rating or validation information has been found for MIT-BIH polysomnographic.

No alerts have been found for MIT-BIH polysomnographic.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Vadrevu S, et al. (2019) Use of zero-frequency resonator for automatically detecting systolic peaks of photoplethysmogram signal. Healthcare technology letters, 6(3), 53.