

Resource Summary Report

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Cleveland Family Study

RRID:SCR_016585

Type: Tool

Proper Citation

Cleveland Family Study (RRID:SCR_016585)

Resource Information

URL: <https://sleepdata.org/datasets/cfs>

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Description: Portal for family based study of sleep apnea. Contains data for quantifying the familial aggregation of sleep apnea. The polysomnographic (PSG) montage signals: EEG, ECG, EOG, EMG, SpO2, plethysmography, airflow (thermistor), nasal pressure, respiratory effort, position, snore.

Abbreviations: CFS

Synonyms: Cleveland Family Study

Resource Type: data or information resource, portal, disease-related portal, topical portal

Defining Citation: [PMID:7881656](#)

Keywords: data, polysomnography, sleep apnea, family, familial aggregation, EEG, ECG, longitudinal

Related Condition: sleep disorder

Funding: NHLBI HL46380;
NHLBI T32 HL07567;
NIH R01 46380;
NCRR M01 RR00080

Resource Name: Cleveland Family Study

Resource ID: SCR_016585

Record Creation Time: 20220129T080331+0000

Record Last Update: 20260815T042736+0000

Ratings and Alerts

No rating or validation information has been found for Cleveland Family Study.

No alerts have been found for Cleveland Family Study.

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 [nidm-terms](#) .

Hu S, et al. (2025) Transparent artificial intelligence-enabled interpretable and interactive sleep apnea assessment across flexible monitoring scenarios. Nature communications, 16(1), 7548.

Shin DH, et al. (2025) Ensemble learning approaches for early prediction of chronic kidney disease based on polysomnographic phenotype analysis. NPJ digital medicine, 8(1), 675.

Vaquerizo-Villar F, et al. (2025) An explainable deep learning approach for sleep staging in sleep apnea patients across all age subgroups from pulse oximetry signals. Engineering applications of artificial intelligence, 162(Pt C).

Vallat R, et al. (2023) Coordinated human sleeping brainwaves map peripheral body glucose homeostasis. Cell reports. Medicine, 4(7), 101100.