

Resource Summary Report

Generated by NIF on Apr 20, 2025

Apnea-ECG Database

RRID:SCR_013297

Type: Tool

Proper Citation

Apnea-ECG Database (RRID:SCR_013297)

Resource Information

URL: <http://www.physionet.org/physiobank/database/apnea-ecg/>

Proper Citation: Apnea-ECG Database (RRID:SCR_013297)

Description: Apnea-ECG Database has been assembled for the PhysioNet/Computers in Cardiology Challenge 2000. It consists of 70 ECG recordings, each typically 8 hours long, with accompanying sleep apnea annotations obtained from study of simultaneously recorded respiration signals, which are included for 8 of the recordings.

Synonyms: Apnea-ECG Database

Resource Type: database, data or information resource

Funding:

Resource Name: Apnea-ECG Database

Resource ID: SCR_013297

Alternate IDs: nlx_71249

Record Creation Time: 20220129T080315+0000

Record Last Update: 20250420T015635+0000

Ratings and Alerts

No rating or validation information has been found for Apnea-ECG Database.

No alerts have been found for Apnea-ECG Database.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Wang T, et al. (2019) Sleep apnea detection from a single-lead ECG signal with automatic feature-extraction through a modified LeNet-5 convolutional neural network. PeerJ, 7, e7731.

Le TQ, et al. (2016) Nonlinear Dynamics Forecasting of Obstructive Sleep Apnea Onsets. PloS one, 11(11), e0164406.

Hayano J, et al. (2013) Accuracy of ECG-based screening for sleep-disordered breathing: a survey of all male workers in a transport company. Sleep & breathing = Schlaf & Atmung, 17(1), 243.