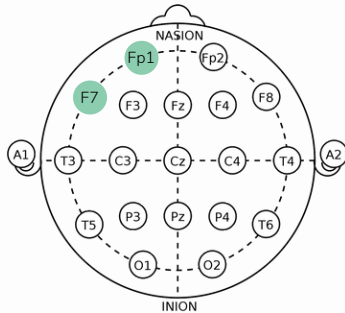


SCIENCE

The wearable EEG headset uses dry gold-plated copper electrodes that are in direct contact with the skin on the forehead. The measurement electrodes are located at Fp1 and F7.



In-field validation (Loeckx & Buckinx, 2019) showed a sensitivity of 95.6%, a positive predictive value of 91.0%, and a false alarm interval of 2.04h.

For further clinical validation, we are currently running a prospective study funded by Epilepsy Foundation. This study takes place in top hospitals in Europe and the US, and will prospectively compare epihunter output to clinical EEG video telemetry.

"The objective seizure data collected by epihunter can help clinicians make more informed treatment decisions."

- Dr Alexander Rotenberg
neurologist Boston Children's Hospital

OUR VISION

We believe current digital technologies are able to significantly improve daily life of the 50 million people worldwide living with epilepsy.

Epihunter creates digital solutions to make epilepsy matter less at moments that matter most. Our first solution detects epileptic non-motor seizures.

Epihunter externalises
brain state



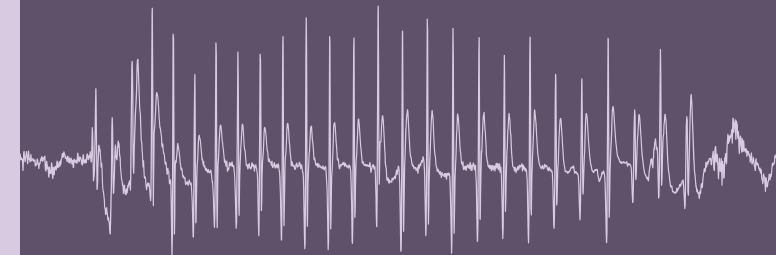
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epihunter®



FOR PROFESSIONALS

HOW DOES IT WORK?

Consumer EEG wearable

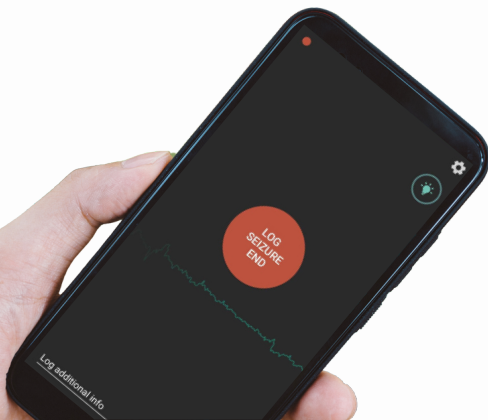
We use single-channel wearable consumer electroencephalogram (EEG). The device has dry, gold-plated sensors - no glue or discomfort!



Smartphone app

Seamless connection with smartphone for real-time automatic seizure detection, video recording and signalling through sound or smartphone light.

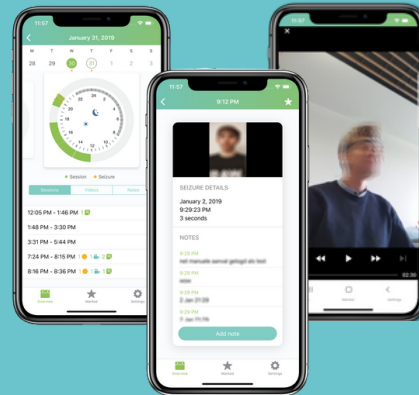
Seizure videos include a 30 seconds pre-ictal recording. Seizures and videos can also be logged manually with a single button press.



OBJECTIVE INSIGHTS

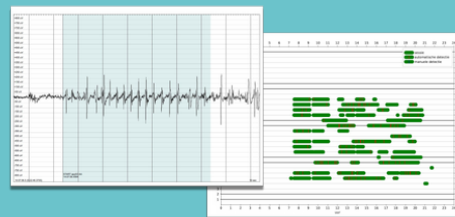
Seizure diary

Seizure detections, videos and notes available at all times.



Neurologist reports

Upon simple request a report in PDF format is provided with seizure durations, contextual information and EEG plots or even raw EEG data.



"We found the neurologist reports from epihunter to be very helpful during conversations with our consultant. The graphical overviews made it easier for us to track changes in seizure frequency."

- Jon & Laura
Parents of Rafe (5)

LET'S WORK TOGETHER

Clinical practice

Use our CE class I medical software device in clinical practice to track and monitor non-motor seizures. People with (suspected) epilepsy can use epihunter remotely to record EEG data wearing a consumer EEG headset to help diagnosis or evaluate therapy based on objective data on seizure frequency.



Research

Use our EEG biomarker for improved collection and analysis of data from participants in clinical studies. Access remotely recorded EEG data and videos, for epilepsy and beyond.



Pharma

Consider the effect of changes in therapy using our quantitative, clinically validated analysis.



contact@epihunter.com