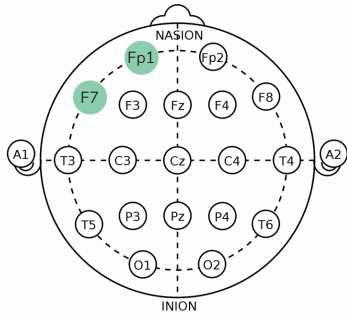


# SCIENCE

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.

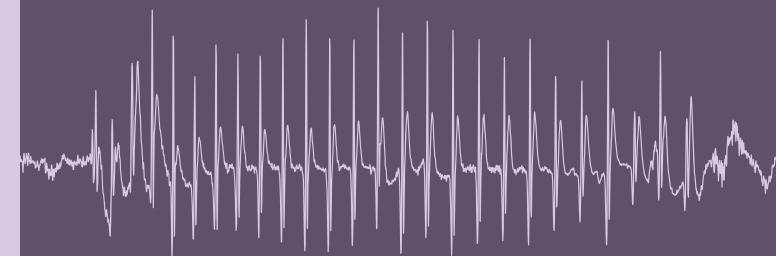
## Epihunter externalises brain state



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## FOR PROFESSIONALS

# HOW DOES IT WORK?

## Consumer EEG wearable

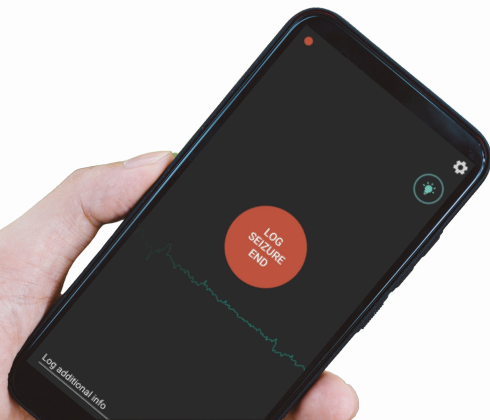
We use single-channel wearable consumer electroencephalogram (EEG). The device has dry, gold-plated sensors - no glue or discomfort!



## 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

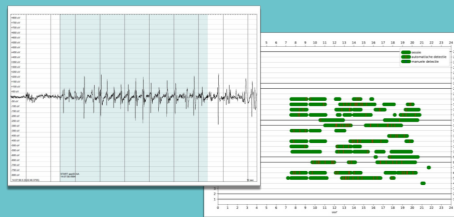
## Seizure diary

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.



# LET'S WORK TOGETHER

## Clinical practice



Use our CE class I medical software in clinical practice to track and monitor epileptic absence seizures. People with (suspected) absence epilepsy can use epihunter to create an objective seizure diary (with consumer EEG and videos) for diagnosis or therapy evaluation.

## Clinical Research



Use our EEG biomarker to collect more accurate and objective data from participants in a (clinical) study. You obtain objective seizure diaries and remotely recorded EEG data and videos.

## Beyond epilepsy



Epihunter can also be used beyond epilepsy. The combination of consumer EEG, video and user annotations can also be beneficial to obtain new insights in other conditions.

"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)

[contact@epihunter.com](mailto:contact@epihunter.com)