

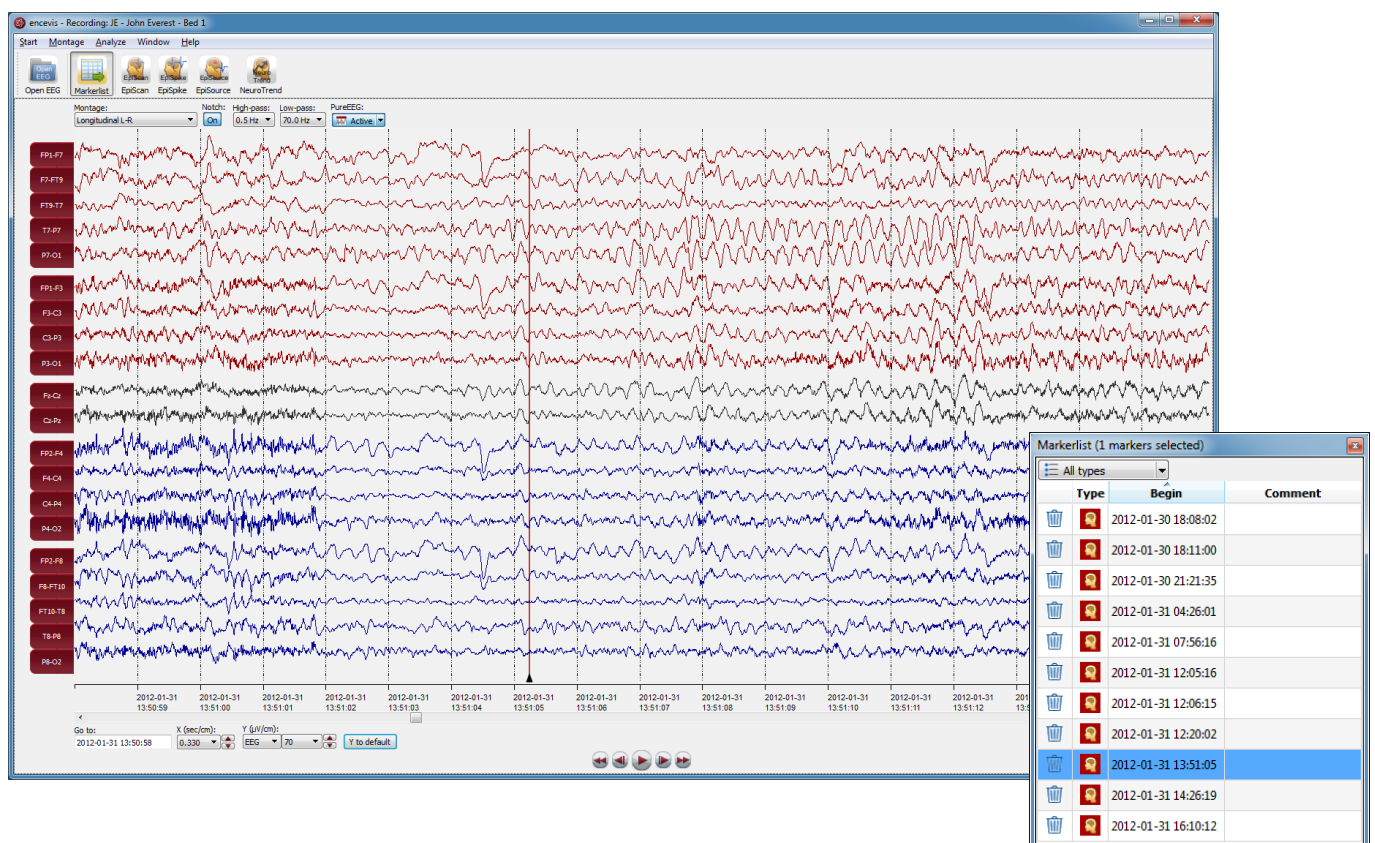


Reliable seizure detection

Did seizures occur? Where are suspicious EEG segments? Get a quick overview of your patient's EEG without running through all your data.

EpiScan, the encevis seizure detection developed at AIT, will help you speed up the process of EEG review. Our world leading seizure detection offers the highest sensitivity at lowest false alarm rates available on the market. Proven by three independent clinical trials you get a reliable system that provides you with a detailed overview of seizures and suspicious EEG activity of your patient.

Furthermore, EpiScan is designed to work as an online surveillance system. Run it in parallel with your recording and you will immediately be notified of ongoing seizures. This will significantly increase patient safety – especially during night where resources are even more limited.



EpiScan

Reliable seizure detection



High sensitivity

Get the highest sensitivity of seizure detection systems of almost 80% paired with a false alarm rate of seven false alarms a day on average. These numbers are based on 30.000 hours of EEG and are backed up by three independent prospective clinical trials.



High specificity

High sensitivity is one thing, very high specificity the other. Get as low as one false alarm every 3.5 hours for your long term monitoring patients – on average. Many of your patients will generate much less.



Reliable surveillance

Use your seizure detection for online surveillance while you record. Improve your patient's safety with an surveillance system that will report seizures when they occur. Accept only as low as one to three false alarms per night.



Superior review

Want to see all suspicious EEG patterns? EpiScan quickly presents you the EEG segments worth analyzing. Get out 60 EEG segments from a five day recording catching most of the important episodes and compare this to more than 25.000 screens you will otherwise have to look at! This will make your life so much easier.



Easy to use

EpiScan works out of the box. No parameter selection, no difficult decision, no optimization is necessary for EpiScan to perform with its proven performance. EpiScan provides you with a list of markers which is easy to review.



Extensively tested

EpiScan is tested on more than 30.000 hours of EEG from different diagnostic centers around Europe. Three independent prospective clinical trials translate these results from the lab to clinical practice.

CONTACT

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encevis EpiScan is not yet certified by the FDA