Mindsigns Health™

Making sense of the mind
by following the signs

*Neuro*Browser™

At Mindsigns Health™, we are rooted in our drive to design impactful solutions for brain health issues. Our web-based platform, the.*Neuro* Browser™, leverages digital biomarkers to detect and interpret EEG waveforms of clinical relevance, providing clinicians with strong clinical insights in EEG interpretation, analysis and monitoring and enhancing quality of care with substantial improvements to productivity in terms of time and expert support.

Cloud-based AI-driven EEG Interpretation Platform

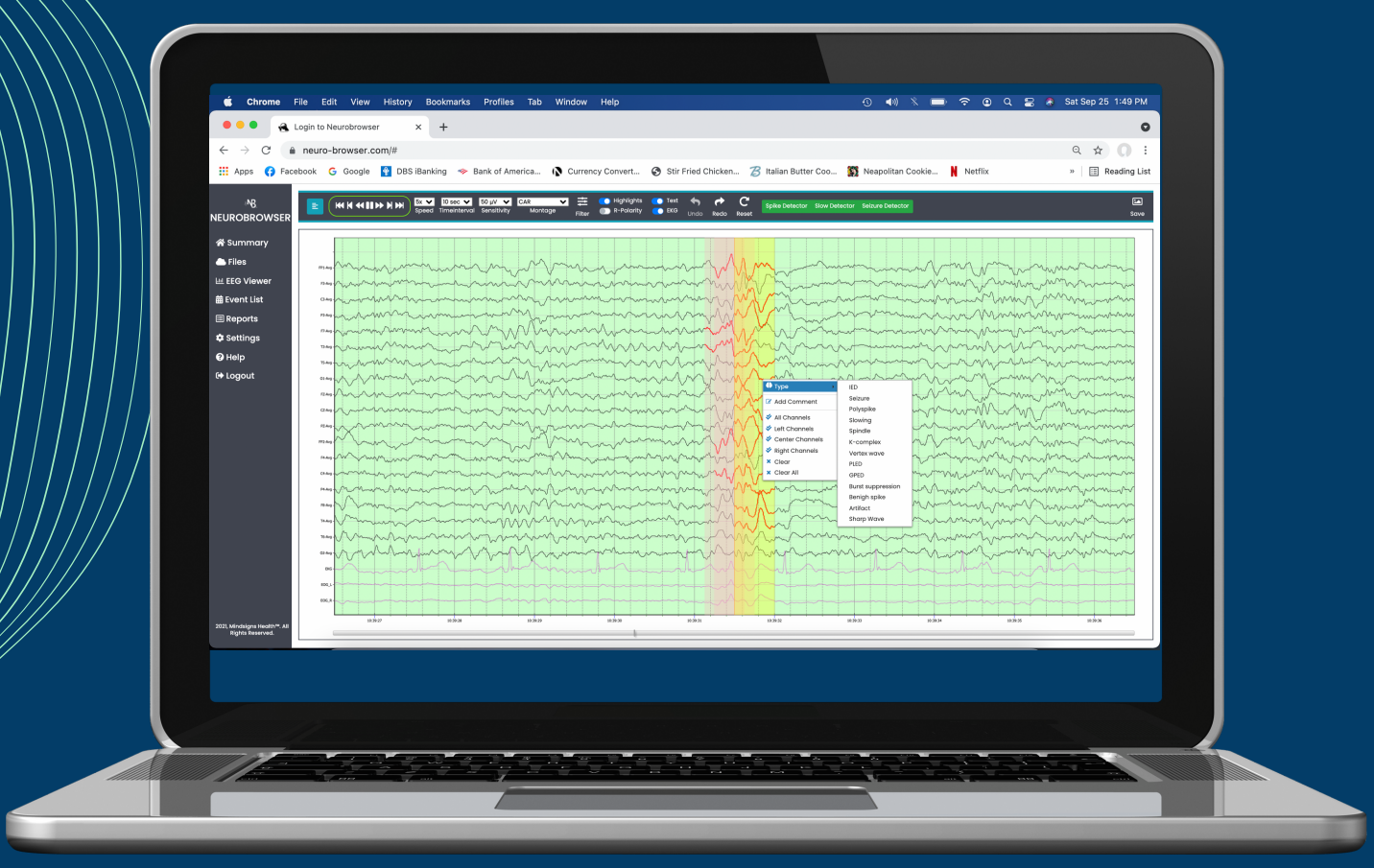

Fig 1. *Neuro* Browser™ allows clinicians to import, annotate and run automated analysis of waveforms on EEGs.

Diagnosis and management of epilepsy and seizures rely mainly on visual inspection of EEGs but EEG review can be a resource-hungry task. As the number of neurologists steadily decreases each year, it becomes more pertinent than ever to reduce delays in EEG interpretation for timely monitoring.

With NeuroBrowser™, we provide healthcare practitioners with the tools and performance they demand in EEG interpretation and delivery of care to their patients.

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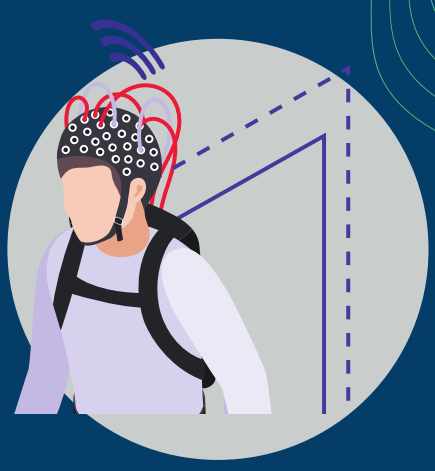
Pain Points

Long and tedious
EEG Annotation

Increasing shortage
of neurologists and EEG techs

Use of cEEG is limited
by the inability to interpret
the large amount of data



Increasing use of ambulatory EEG
for more cost-efficient care is limited

Current software unreliable
& used mainly for viewing EEGs

Current algorithms are research driven
not clinically driven

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Value Proposition

Automate
the annotation &
interpretation of EEGs

Epilepsy, N-ICU monitoring
& scope for other EEG uses
(stroke, rehab...)

Remote ambulatory monitoring
up to 50%
cost redux

Clinical performance
consistent across institutions

EEG interpretation & analysis
anytime, anywhere
better access and assessment

Timely interventions
= better outcomes
& care management

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Alleviate Bottlenecks in Time for EEG Interpretation and Analysis

Length of EEG	Today's Annotation	NB™
Routine EEG	 30 mins	 5-10 mins	 < 1 min
Continuous EEG	 24 hrs	 60-90 mins	 5-7 mins

Comparison of time taken for manual annotation and generation of annotations by NeuroBrowser™ (NB).

Reduces up to 12 times the time taken for EEG interpretation and analysis

EEG classification, detection of spikes, seizures and slow waves in an integrated platform (Fig. 1)

Online data processing; 24/7 web- based secure access anywhere, from desktops to tablets.

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Derive Insights from Multi-Centre Trained Algorithms

The only multi-center clinically validated database in the market.

Low false positive rates, clinical performance outperforming market leader.

Ongoing remote seizure detection & monitoring study with the National Neuroscience Institute and the National Healthcare Innovation Centre in Singapore.

EEG Classification

80% Accuracy at low false positive rate (FPR)

Spike Detection

80% Sensitivity

False Positives/min of 0.23-0.35

Slowing Detection

90% Sensitivity

83% Accuracy

Seizure Detection

80% Sensitivity

FPR of 0.5/hr