

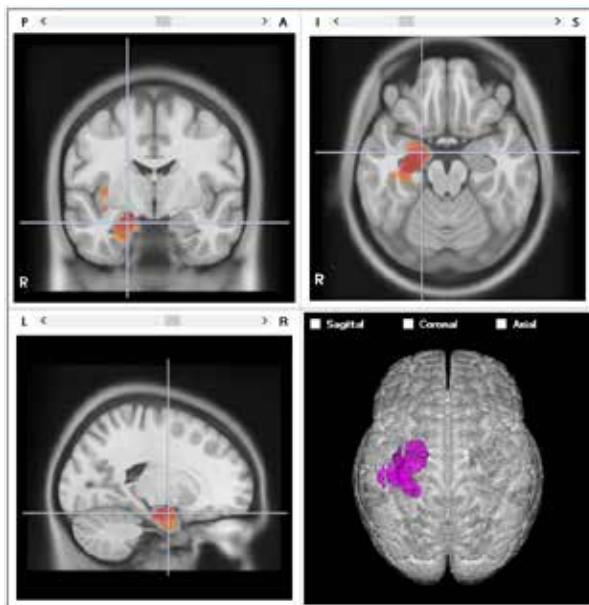


## Our Biggest Version Ever.

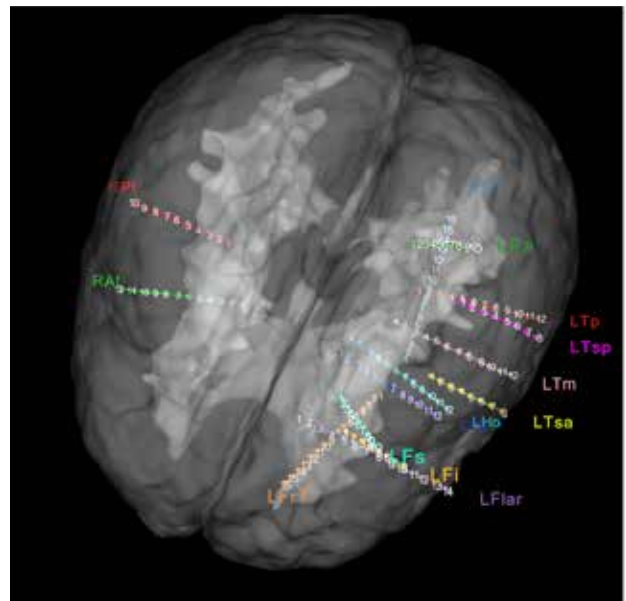


**PERSYST®**

The worldwide leader in EEG Software



**New! ESI results viewer.**



**New! iEEG Electrode Localization.**

## Persyst Neuroimaging Tools

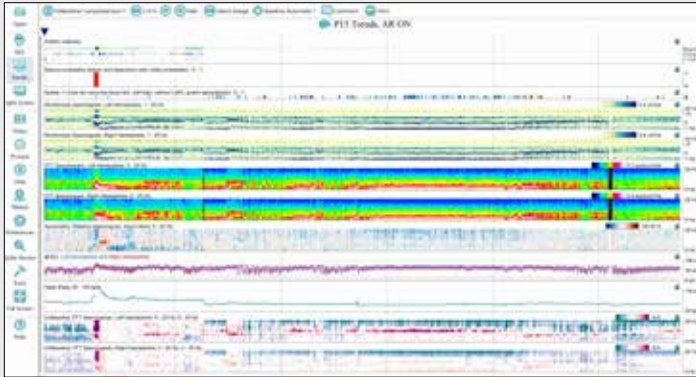
Persyst 15 adds functionality to incorporate neuroimaging into EEG review.

- Persyst EEG Electrical Source Imaging (ESI) now has a new MRI viewer for ESI results. Dynamically change the threshold of ESI results, overlay and compare results across clusters and time points, and export to DICOM.
- The Persyst iEEG Viewer automatically co-registers pre- and post-implant CT or MR images. The 3D positions of implanted electrodes can be quickly calculated and visualized with minimal user intervention. Customized functional electrode groups and their positions can be exported to DICOM for ongoing surgical planning.

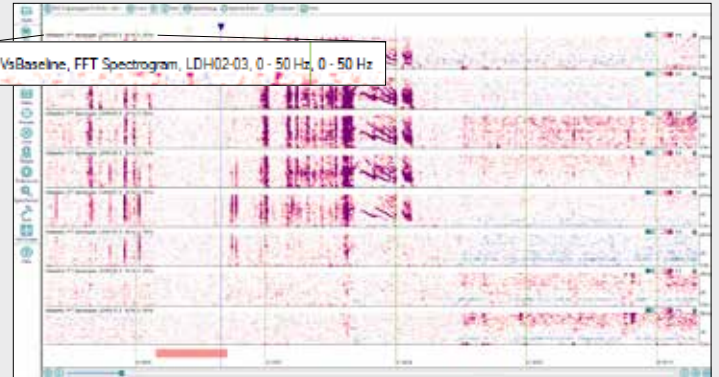


## Persyst Trending

Persyst 15 offers a large number of Trends, and they are all configurable to your use case and preferences. Our unique vsBaseline Trends allow you to see changes that might be occurring over the space of hours or days. New in Persyst 15 is the ability to quickly create montages and Trends for Intracranial records. This can dramatically speed up review time and help identify seizure onset channels.



**Scalp Trending.**



**New! Intracranial Trending.**

## Persyst Detections

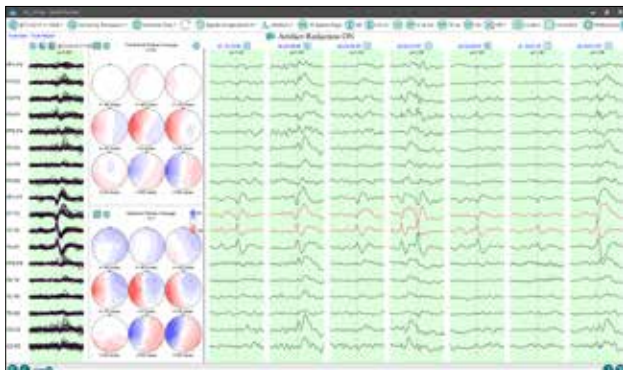
Persyst 15 continues to offer the most advanced spike and seizure detection available with accuracy up to ten times better than previous versions. New in Persyst 15 is a neonatal-specific seizure detector. The Neonatal Seizure Detector is the latest cutting-edge technology from Persyst that leverages deep learning and AI. The detector operates on reduced electrode arrays from double-distance down to just three electrodes. Combined with an optimized trend panel, Persyst 15 significantly reduces the workload when analyzing neonatal recordings.



**New! Neonatal Seizure Detector.**

## Spike Review

The Persyst Spike Review tool for clustering spikes according to the electrode of maximal amplitude has been significantly enhanced in Persyst 15. Opening a spike cluster now displays an average propagation map of selected members of the cluster along with the overlaid waveforms of the selected members for assessing spike morphology. Additionally, selecting any other spike in the cluster displays that spike's propagation map and waveforms for comparison to the selected set. Spike Review has also been optimized for selecting spikes for localization with our new EEG Source Imaging capabilities.



## Persyst is Seamlessly Integrated

Persyst 15 is designed to work seamlessly with your EEG acquisition and review platforms. It is integrated, sold and supported by most major manufacturers including Natus, Nihon Kohden, Cadwell, Compumedics, Micromed and many more. Analysis begins automatically with acquisition, and detections and trends are displayed in parallel with the EEG waveforms during monitoring and review.

## Persyst is the Standard of Care in Top Hospitals

Reducing missed seizures and improving patient safety are the reasons why **97 out of 100 of the top hospitals for Neurology** in the U.S.\* use Persyst for EEG monitoring and review.

- Every hospital with an Epilepsy Fellowship uses Persyst‡.
- Every hospital with an EEG Clinical Neurophysiology Fellowship uses Persyst‡.

\* As ranked by US News 2023: <http://health.usnews.com/best-hospitals/rankings/neurology-and-neurosurgery>

‡ <https://www.aan.com/Fellowship> 2023

## Persyst Prime™: Optimized Support for Your Budget

Persyst Prime™ Priority Support offers the most cost-effective solution with exclusive access to advanced clinical tools. Experience significant long-term savings and expand your support and training options. With Persyst Prime, you gain access to Persyst Mobile, the new intracranial electrode localization tools, AI-driven detector updates, and new qEEG analysis options, all included with any major or minor release. Ensure your EEG department's sustained clinical excellence at the lowest cost, simplifying budgeting and eliminating frequent capital requests. Plus, enjoy priority support and tailored training resources to keep your facility at the forefront of EEG capabilities.

# 97 out of 100

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### FOR MORE INFORMATION, CONTACT

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**Contact us or your  
Local Distributor**

**Persyst 15 EEG Review  
and Analysis Software**