COMPUMEDICS® Neuroscan

CURRY® NEWSLETTER

April 22, 2025 / Vol 4

CURRY® NEWSFLASH

- CURRY® 9 Upgrade promotion
- CURRY® 9.0.3 Release
- Annual CURRY®Virtual Workshop update
- Volunteers needed to evaluate CURRY® user interface
- NeuroTalks Webinar

CURRY 7 and 8 users in North America: Upgrade to CURRY 9 to unlock cutting-edge features and enhanced performance available in the newest CURRY version. With improved algorithms, a user-friendly interface, and robust data analysis tools, this upgrade empowers you to stay at the forefront of neurophysiological diagnosis and research. Make the switch and experience the difference. **Click here for more information.**

CURRY Version 9.0.3 has been released and is ready for download. See the CURRY Updates section (page 2) for the improvements and changes in this new release.

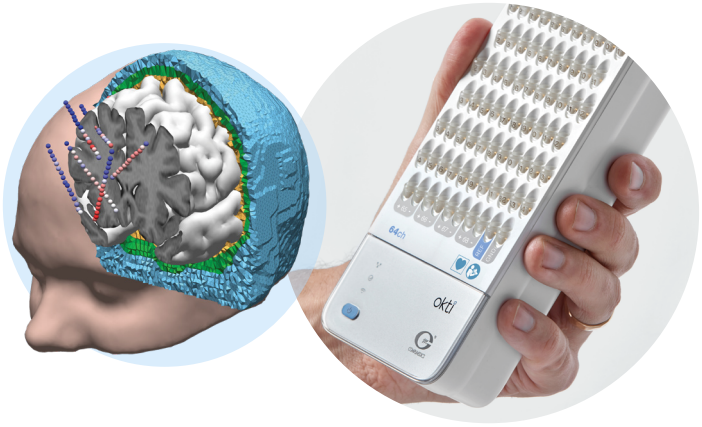
Annual CURRY Virtual Workshop will be held on May 5 - 9, USA 10am-1pm EDT (UTC-4), Central Europe 4pm-7pm (UTC+2). Please go to - https://compumedicsneuroscan.com/event/virtualneuroscan-workshop-2025/ to register.

The CURRY team has been continuously working to improve the features and optimizing workflow of the CURRY software. We are looking for users to help us improve the user experience. Participants in this usability test will receive a voucher for admission to a future CURRY 9 virtual training, valid until the end of 2025. If you are interested, please contact us (curryusability@compumedicsusa.com), and we will send you more information.

In our last NeuroTalks, Dr. Vasileios Kokkinos gave an insightful talk on sEEG recording on the hippocampus and its interpretation. He compared the normal and abnormal background features of the hippocampus associated with epileptogenicity. The talk received excellent feedback from the audience. The study that Dr. Kokkinos presented showed how sEEG allows neurologists and epileptologists to access the salient features in deep brain regions that were previously not reachable.

Our next NeuroTalks will be held on May 2nd, 2025 at 1:15pm EST. **Dr. Juan Ochoa from University of South Alabama** will explain epileptic activity in both neurons and network levels. ***Please refer to the NeuroTalks announcement section for details*** *(page 3)*.

CURRY® UPDATES



Version 9.0.3 is available for CURRY 9 users!

CURRY will regularly prompt you when an update is available if your computer is connected to the internet. Otherwise, you can always check for updates **here.**

Each CURRY version release includes important feature updates and bugfixes that improve the stability of the software and extend the capabilities of the tools and/or your user experience.

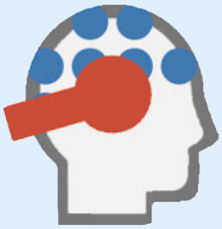
Summary of major updates in 9.0.3:

Each CURRY version release includes important feature updates and hotfixes that improve the stability of the software and extend the capabilities of the tools and/or your user experience.

Support for Multi-Okti. CURRY 9.0.3 will allow you to link multiple Okti 64 or Okti 128 devices together to create linked amplifiers (Multi-Okti) for synchronized recording. Multi-Okti can be used for high density EEG recordings with up to 512 EEG channels or for hyperscanning recordings with up to 4 (Okti 128) or 8 (Okti 64) subjects.

Support for Profusion neXus 360®.
Profusion neXus 360® is a web-based patient data and Lab Management System that provides integrated hardware and software solutions for both Sleep and Neurology clinics. With CURRY 9.0.3 you will be able to record directly to your neXus 360 platform. You can also open studies from neXus 360 in CURRY, whether they were recorded in CURRY or Profusion EEG.™

Version 9.0.3.6 is released NOW
The next stability update, version 9.0.3.6. is available. Please click the linked document for release details:
https://www.compumedicsneuroscan.com/Uploads/Curry9036HotfixAdvisoryNotice.pdf
To obtain the installer for this version, please contact **CURRY9help@neuroscan.com.**



CURRY in a Hurry

How-to series

Our how-to series offers in-depth walkthroughs of CURRY's essential tools. This quarter, we will show you how to create an individualized head model for an abnormal brain. We will also guide you to access the **CURRY User Guide** within the software:

Source localizing a brain with structural abnormalities requires a custom head model; click the link to learn how to create an individualized head model for an irregular head/brain, such as resections or large ventricles:

Build Custom FEM Head Models for Abnormal Brains

Watch Video ▶

https://www.youtube.com/watch?v=ZJwh4AomScY

CURRY offers a User Manual in multiple formats.
How can you access the CURRY 9 User guide from inside CURRY 9?

This* CURRY 9 - Help Options *shows how.

Watch Video ▶

https://www.youtube.com/watch?v=tuw8BBMJUqo

CURRY® NeuroTalks Announcement

We continue our quarterly CURRY Webinar series, NeuroTalks. These free webinars focus on sharing research and clinical practices around epilepsy and other primary brain disorders. We hope to facilitate communication among scientists and clinicians and inspire new advancements within their fields.

Our next webinar will be held on Friday May 2nd, 2025 1:15PM EDT (10:30AM PDT)

CURRY Neurotalks Title:
EEG in Epilepsy Explained from Neurons to Networks

Juan G. Ochoa, M.D.

Dr. Ochoa is the director of the Comprehensive Epilepsy Program at the Frederick P. Whiddon College of Medicine at the University of South Alabama. His clinical interests include clinical neurophysiology and epilepsy surgery evaluations, and his current research interests include advanced seizure source localization and high-frequency brain activity associated with seizures.

Register Now

To register for attending the event, please go to:
https://attendee.gotowebinar.com/register/6327726148352739669

Customer Publications

176 publications since Jan 2024, **41** since Jan 2025, according to **Google Scholar:**

Selected publications:

Karimi-Rouzbahani, H., Vogrin, S., Cao, M., Plummer, C., & McGonigal, A. (2024).
Multimodal and quantitative analysis of the epileptogenic zone network in the pre-surgical evaluation of drug-resistant focal epilepsy.
Neurophysiologie Clinique 54(6), (2024).

Read More ▶ https://doi.org/10.1016/j.neucli.2024.103021

Jang, K. I., Kim, E., Lee H. S., Lee, H. A., Han, J. H., Kim, S., & Kim, J. S. (2024).
Electroencephalography-based endogenous phenotype of diagnostic transition from major depressive disorder to bipolar disorder.
Nature, Sci Rep 14, 21045 (2024).

Read More ▶ https://doi.org/10.1038/s41598-024-71287-5

Nair, A., Ewusie, J., Pentz, R., Whitney, R., & Jones, K. (2024).
Mean global field power is reduced in infantile epileptic spasms syndrome after response to vigabatrin.
Frontiers Neurology, Sec. Pediatric Neurology 15, 2024.

Read More ▶ https://doi.org/10.3389/fneur.2024.1476476

Customer Story

Translating EEG to text

Professor Chin-Teng Lin

Compumedics products, such as **SynAmps** and **CURRY** software, have been serving our global clinical research customers for more than two decades. This quarter, we share the work of Professor Chin-Teng Lin from University of Technology, Sydney. Professor Lin held a **TED talk in Vienna** with a live BCI demonstration using a **SynAmpsRT** amplifier, **QuikCap** and **CURRY** : **TEDAI Vienna Prof CT Lin 2024.mp4**

In the TED talk, Dr. Lin and his team demonstrated the AI-supported modeling of translating human EEG signals to text messages with amazing accuracy. We congratulate Professor Lin and his team's great achievement and look forward to hearing about their continued progress in the BCI field.

Watch Video ▶

https://youtu.be/1VGqYWvaklk

For more information or if you have questions, please contact CurryNewsletter@compumedics.com

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