e-CTP

Robust, Reliable CT Perfusion Results
High Quality Visual Outputs for Faster, More Confident Interpretation

e-Stroke from Brainomix – the most complete stroke imaging platform available – has continued to expand its capabilities with the introduction of the e-CTP module, designed to provide decision support for clinicians when assessing CT Perfusion results.

The new e-CTP module has been designed to reliably generate perfusion summary maps with improved visualization quality to facilitate fast interpretation. Critical information is displayed over clear anatomical backgrounds, including:

- rCBF<30.0%*
- Tmax>6s*
- Mismatch Volume
- Mismatch Ratio
- AIF / VOF MIP
- AIF / VOF Curves
- Hypoperfusion Intensity Ratio
- Multi-threshold Tmax*

Part of e-Stroke AI-Powered Platform

* Configurable thresholds for advanced use.
Advanced Automated Solution, Seamlessly Integrated into the Stroke Pathway

Validated against a series of patient cases from world-leading stroke centers,¹² e-CTP provides clinicians with an advanced automated solution that is accurate and robust, producing high-quality outputs to facilitate faster, more confident clinical assessments.

e-CTP can be integrated seamlessly into the stroke pathway, automatically generating results within minutes that are then distributed directly to physicians via e-Stroke Mobile app, PACS, email or web UI.

International stroke guidelines recommend the use of CT Perfusion when determining eligibility for mechanical thrombectomy in late-presenting stroke patients. The e-Stroke platform can now match each patient’s data to clinical trial criteria, including DAWN and DEFUSE 3.

¹ L. Pisani, R Nogueira et al. Int’l J Stroke 2020, Vol. 15(IS) 292. (Emory, USA)
Global Expertise, Local Support

Since launching as a spin-out from the University of Oxford in 2010, Brainomix have developed award-winning AI-powered imaging biomarkers, assisting physicians across the world to make better life-saving decisions.

Our local teams of dedicated Healthcare Managers work closely with each hospital to deliver on-site support, including installation and training, while also working to drive wider adoption of the technology.

You are invited to see a demonstration of e-Stroke.

To find out how e-Stroke can benefit you and your patients, visit our website or contact us:

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