Robust, Reliable CT Perfusion Results

Part of e-Stroke AI-Powered Platform
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%**
- **Mismatch Volume**
- **AIF / VOF MIP**
- **Hypoperfusion Intensity Ratio**

- **Tmax>6s**
- **Mismatch Ratio**
- **AIF / VOF Curves**
- **Multi-threshold Tmax**

*Part of e-Stroke Al-Powered Platform

* Configurable thresholds for advanced use.
Validated against a series of patient cases from world-leading stroke centers,\textsuperscript{1,2} e-CTP provides clinicians with an advanced automated solution that is accurate and \textbf{robust}, producing \textbf{high-quality outputs} to facilitate \textbf{faster}, more \textbf{confident clinical assessments}.

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

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

\textsuperscript{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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