e-Stroke
The Most Comprehensive Stroke Imaging Solution
Transforming Your Stroke Network

e-Stroke is a collection of tools using our state-of-the-art AI algorithms to support doctors by providing real-time interpretation of brain scans to help guide treatment and transfer decisions for stroke patients, allowing more patients to get the right treatment, in the right place, at the right time.

Our proprietary software can uniquely generate critical information from simple brain scans that can help expand patient access advancing the value of simple imaging.

Faster Treatment, Greater Functional Independence

Our AI-powered advanced technology has been studied in more than 50 publications, providing technical validation and health economic benefit, while also enabling improved stroke treatment rates.

A study presented at the 13th World Stroke Congress found that the implementation of e-Stroke reduced door-in-door-out (DIDO) times by \( \times 1 \) hour and tripled the number of stroke patients achieving functional independence.
**Delivering Full Stroke Network Solutions**

e-Stroke is a comprehensive platform designed to support clinicians and their imaging-based treatment decisions at all points across the stroke pathway, from simple imaging to more advanced imaging.

**AI-Enabled Support for Fast & Consistent Treatment Decisions**

e-ASPECTS can detect and measure both Large Vessel Occlusion (LVO) and hyperdense volumes (which may indicate bleeding), automatically assess infarct volume and assess ASPECTS score in non-contrast CT images, with overlaid heatmaps for visual aid.

e-CTA standardizes the assessment of collaterals, with automatic LVO detection in CTA scans, allowing graphical visualization of CTA acquisition timing.

e-CTP automatically estimates core and penumbra volumes, in addition to mismatch ratio and HIR from CT Perfusion images, generating high-quality visual outputs for faster, objective and more confident interpretation.

Powered by BRAINOMIX™
e-Stroke Mobile App
Connecting Networks to Facilitate Faster Treatment

The e-Stroke Mobile App, supported by the e-Stroke Cloud, allows physicians to quickly and securely access, review and share images and patient data across a network, send messages, make calls directly from the app, and flag patients eligible for thrombectomy – all designed to optimize workflow, facilitating faster transfer and treatment decisions.

Advanced CTA multi-planar reconstructions with coronal, sagittal and axial viewing functionality can support interventional planning.

The Trials Tracker automatically assesses patient inclusion/exclusion against landmark trial criteria, while also allowing for customization to support on-going prospective trials.
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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