e-Stroke

The Most Comprehensive Stroke Imaging Solution
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.

Advancing the Value of Simple Imaging

Our proprietary software can uniquely generate critical information from simple brain scans that can help expand patient access to life-saving stroke treatments.

Proven in Practice

Our AI-powered advanced technology has been studied in a number of publications, providing technical validation and demonstrating health economic benefit, and has been shown to improve both thrombolysis and thrombectomy treatment rates.

1 Data presented by Dr Bence Gunda at Hungarian Neuroradiology Society (MNRT) Conference in Mátraháza, Hungary on 6th Nov, 2019.
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 computes core, penumbra and mismatch ratio in CT Perfusion images, generating high quality visual outputs for faster, more confident interpretation.
e-Stroke Mobile App
Enabling Fast, Remote Access to Key Results

The e-Stroke Mobile app, supported by the e-Stroke Cloud, is a tool enabling physicians across a network to have quick, easy access to critical results – including pseudonymized scan results – strengthening the connection between clinicians, and facilitating faster treatment decisions.

A new customizable Clinical Trial function allows for automatic inclusion/exclusion criteria assessment, based on both imaging and patient data.
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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