

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**.



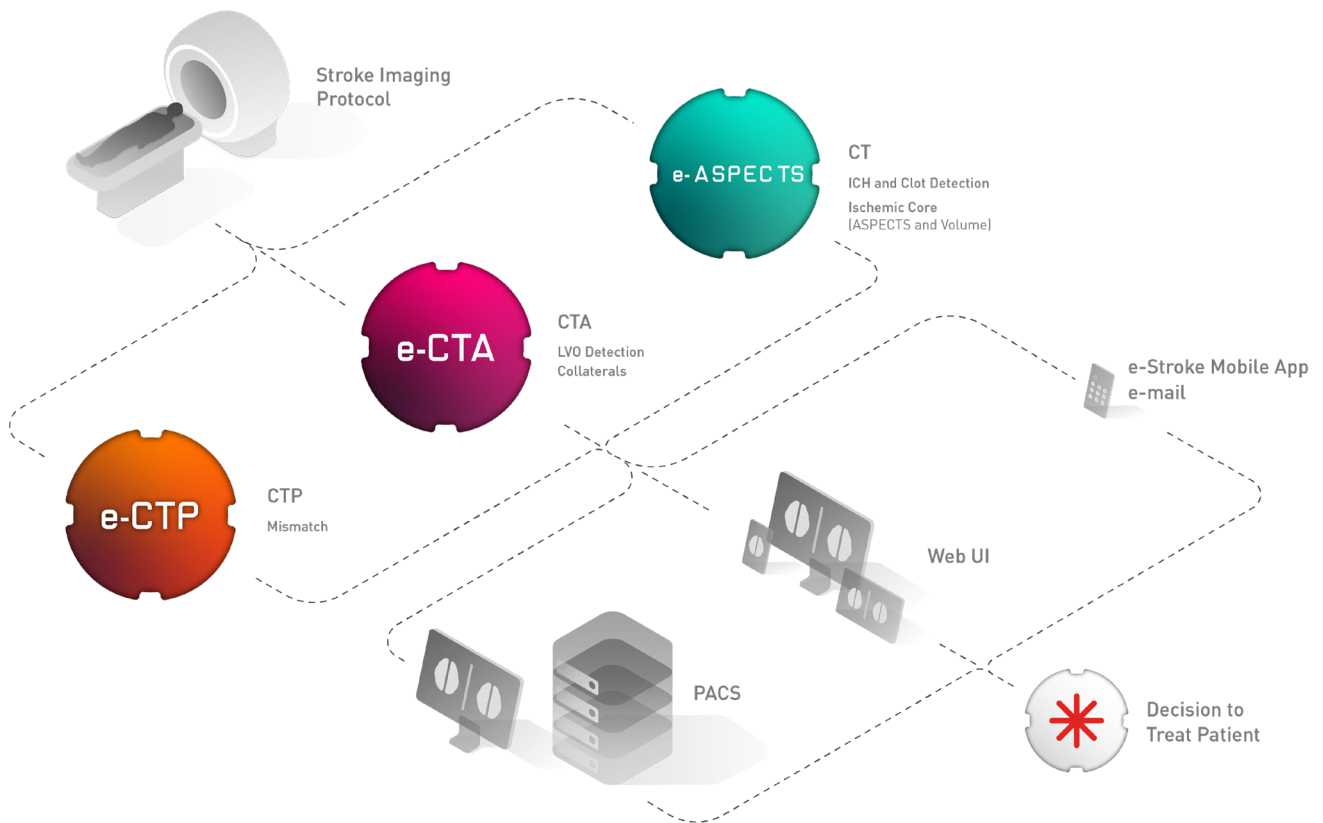
Faster Treatment, Greater Functional Independence

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 **>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.

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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