

# 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**.



## 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**.

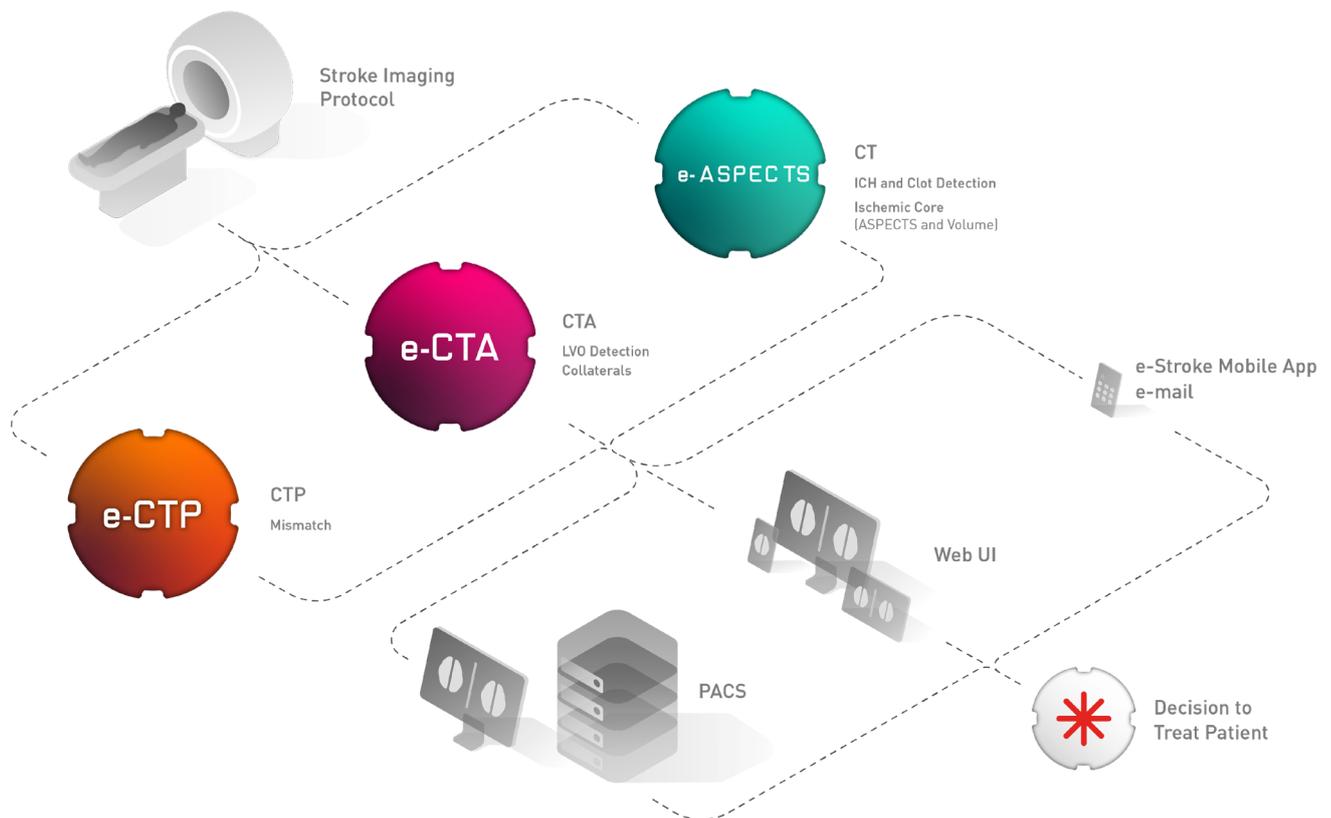
## Proven in Practice

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**.<sup>1</sup>

<sup>1</sup> 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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