Transforming Stroke Care Through Simple Imaging

e-ASPECTS

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Part of e-Stroke AI-Powered Platform
Advancing the Value of Simple Imaging

e-ASPECTS is a decision support tool for assessing non-contrast CT (NCCT) scans, powered by a proprietary software that can uniquely generate critical information from simple brain scans to help expand patient access to life-saving stroke treatments.

- Fully automates and standardizes the clinically validated ASPECTS score, and measures the volume of ischemic signs in ml, with overlaid heatmaps for visual aid.
- Detects and measures hyperdense regions and vessels, supporting clinicians to find evidence of vessel occlusions and bleeding on simple imaging.

Proven in Practice

e-ASPECTS has been studied in numerous publications, and has been shown to improve consistency and sensitivity when applying the ASPECTS method for both expert and non-expert physicians. The estimated core volume e-ASPECTS generates compares favorably to other estimates of ischemic core (CTP and MRI) and correlates with – and independently predicts – final infarct volume and 90-day functional outcomes.  

1. Nagel S, Int J Stroke, 2019  
2. Bouslama M, Stroke, 2021
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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