

How we supported Brainomix to scale their stroke imaging software through the largest real-world evaluation of an AI tool in the NHS

Enabling clinicians to make fast, safe decisions that improve patient outcomes after stroke

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All 107 stroke units in England now using AI brain imaging

Meet Brainomix

Brainomix is an Oxford-based company specialising in AI-powered imaging software that supports clinical decision-making. Their flagship tool, the Brainomix 360 Stroke platform, helps clinicians interpret brain scans quickly and consistently, enabling faster treatment for patients who've had a stroke.

But turning early promise into wider NHS adoption doesn't just happen. It takes evidence, partnerships, support, resources and guidance.

That's where we came in.



How Health Innovation Oxford and Thames Valley helped Brainomix prove the value of their innovation to the NHS.

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2019

Stroke guidance published

HIOTV develops and publishes implementation guidance for time-critical thrombectomy following stroke, supporting transfer of eligible patients into regional centres.

Use of AI in stroke starts to grow

HIOTV starts supporting early development of AI imaging for faster, more consistent clinical decisions.

Stroke network strengthened

HIOTV helps set up the TITAN network, linking five hospitals with a regional centre to streamline care using AI.

2020

Scale up support

Brainomix worked with HIOTV to harness real world expertise to explore strategies to expand their growth.

2021

NHS backing secured

Brainomix awarded NHS AI in Health and Care Award, to accelerate uptake and evaluate impact of its 360 Stroke tool.

Largest NHS AI evaluation begins

HIOTV lead real-world testing at 25 hospitals, with 80,000+ patients, building the evidence for wider rollout.

2024

Value of AI in stroke imaging proven

HIOTV evaluation shows AI use associated with increased thrombectomy rates of more than 50% in some areas and access speeded up by more than an hour.

Long-term gains delivered

Since 2018 the number of stroke patients receiving thrombectomy triples - each year 1,000 people are avoiding long-term disability.

100% rollout

All 107 stroke units in England now using AI brain imaging – up from just 5% in 2019.

2025

Growth unlocked

Through partnership with HIOTV, Brainomix has grown significantly, generating £32.7m in investment and revenue, creating 40 new jobs over the past five years.

PM spotlights success

UK Prime Minister Sir Keir Starmer highlights how AI brain imaging is transforming patients' lives following a stroke.

What they said

"When we wrote our submission to the NHS AI in Health and Care Award in 2020, I never would have dreamt this is the impact we were going to have. This is the culmination of many years work between NHS England, Health Innovation Oxford & Thames Valley and Brainomix demonstrating the impact of AI powered innovation on stroke care across England."

Dr George Harston, Chief Medical and Innovation Officer, Brainomix

Let's explore how we can help your innovation succeed in the NHS.

Get in touch:

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