**RES-Q+**

**Brain Awareness Week: For publication on the 14 March 2025**

**Overview of project – Longer text**

**(For translation and use on website pages)**

**Visual: Project logo**

A logo with blue letters and text

AI-generated content may be incorrect.

**Headline: RES-Q+: Transforming stroke care with Artificial Intelligence and digital innovation**

RES-Q+ is an EU Horizon-funded research initiative aimed at revolutionising stroke care by integrating existing stroke data with digital technology and artificial intelligence (AI). The project seeks to make stroke treatment faster, more effective and widely accessible. Building on the foundation of the Registry of Stroke Care Quality (RES-Q), an established system that helps hospitals track and enhance stroke care quality, RES-Q+ takes stroke management to the next level.

**About the RES-Q registry**

RES-Q is a global stroke care database that collects information on stroke treatment. With data from over 92 countries and more than 2,100 hospitals, it has become one of the world’s largest stroke registries. To date, RES-Q has recorded information from over 580,000 patients, providing essential insights into stroke care trends, treatment gaps and opportunities for improvement.

**Why RES-Q+ matters**

In stroke care, every minute counts – timely, high-quality treatment can save lives and improve recovery. The aim of RES-Q+ is to enhance stroke care by ensuring quality treatment throughout the entire patient journey – as the current RES-Q work only collects information related to when someone is in hospital.

The project, which involves stroke survivors and clinicians, started in 2022 and by the close of the project in 2026 it will bring:

* Automated data collection  
  RES-Q+ automates registry input by importing hospital discharge letters, so doctors and nurses do not have to enter data manually. This reduces mistakes and saves valuable time.
* AI virtual assistant tools to improve provision of stroke care  
  Virtual assistant tools will support medical teams to check how well their care processes are working and find ways to improve care, leading to better care and recovery for patients.
* AI virtual assistant tools to enhance follow-up care and rehabilitation  
  Virtual assistant tools are being developed in collaboration with stroke survivors to track their recovery after they leave hospital. This will ensure they get the right follow-up care and referrals to support their long-term recovery

Hendrik Knoche, project co-leader at Aalborg University, says:

“We are excited by the progress of our project so far. By involving both patients and clinicians in developing the Virtual Assistants, we ensure the technology truly meets their needs.”

Arlene Wilkie, Director General of the Stroke Alliance for Europe, highlights the impact on stroke survivors:

"By co-developing Virtual Assistants with stroke survivors, we can improve follow-up care and make treatment more personalised and accessible – with the potential to transform the lives of millions across Europe."

For more information about the project

View video: <https://youtu.be/BRsQYmWyS6g>

Visit the RES-Q+ website: <https://www.resqplus.eu>

Or contact [research@safestroke.eu](mailto:research@safestroke.eu)

RES-Q+ has received funding from the European Union under grant agreement No 101057603.

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Description automatically generated

**NEWS page – alternative shorter text**

**(For translation and use for news / newsletters)**

**Visual:**

A logo with blue letters and text

AI-generated content may be incorrect.

**Headline: RES-Q+: Transforming stroke care with artificial intelligence and digital innovation**

On Brain Awareness Week’s fifth day we are focusing on RES-Q+, an EU Horizon-funded initiative, that will improve stroke care quality by combining artificial intelligence (AI) with stroke data.

Building on the Registry of Stroke Care Quality (RES-Q), which collects stroke care information from over 2,100 hospitals in this project, aims to improve stroke treatment faster, more effective and easier to access.

RES-Q+ will use technology to automatically collect hospital data. AI-powered virtual assistant tools will help doctors assess risks and improve treatment plans. These AI tools, developed with stroke survivors, will also support recovery by tracking progress, providing information and ensuring access to post-stroke care and rehabilitation.

*"By involving both patients and clinicians in the development of our tools, we ensure the technology the project develops meets their needs,"* says Hendrik Knoche, project co-leader at Aalborg University.

Arlene Wilkie, Director General of the Stroke Alliance for Europe, adds: *"This could transform stroke recovery by making follow-up care more personalised and accessible."*

For more information about the project

View video: <https://youtu.be/BRsQYmWyS6g>

Visit the RES-Q+ website: <https://www.resqplus.eu>

Or contact [research@safestroke.eu](mailto:research@safestroke.eu)

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**Social post x1**

**Visual:** Video orhttps://youtu.be/BRsQYmWyS6g

**LinkedIn / Facebook**

#BrainAwarenessWeek Day 5: RES-Q+ harnessing AI to support the treatment and recovery of stroke survivors

The @HorizonEurope research project @RES-Q+, combines AI, digital technology and stroke data to improve treatment and recovery. Building on the RES-Q registry, which already tracks stroke care in 92 countries and 2,100+ hospitals, RES-Q+ will:

✅ Automate hospital data collection, reducing administrative burden and improving accuracy.

✅ Use AI to enhance stroke treatment – helping clinicians predict risks, optimise care and close treatment gaps.  
✅ Improve follow-up care with AI-powered virtual assistants, co-developed with stroke survivors, to support long-term recovery.

Read more here 🔗 [insert link]

#BrainAwarenessWeek2025 / #BAW2025

#StrokeResearch

#StrokeAllianceforEurope

#RES-Q+

**X**

The @HorizonEU project @RES-Q+ builds on the existing RES-Q stroke care database to:

✅ Automate hospital data collection

✅ Predict risks & optimise stroke treatment with AI

✅ Enhance follow-up care with AI-powered virtual assistants

🔗 [insert link]

#BrainAwarenessWeek2025 / #BAW2025

#StrokeResearch

#StrokeAllianceforEurope

#RES-Q+