**Umbrella**

**Brain Awareness Week: For publication on the 11 March 2025**

**Overview of project – Longer text**

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

**Visual:**



**Headline: UMBRELLA: A new research project aiming to revolutionise stroke care – Faster diagnosis, precise treatment, better recovery and improved stroke prevention**

The UMBRELLA research project, co-funded by the EU’s Innovative Health Initiative (IHI) and co-led by Vall d’Hebron Research Institute (VHIR) and Siemens Healthineers, aims to transform stroke care by addressing key challenges in stroke diagnosis, treatment, rehabilitation and prevention. By using a combination of digital technologies, artificial intelligence (AI) and real-world clinical data, UMBRELLA will help to improve patient outcomes and set new standards in stroke management.

**What is a stroke?**

A stroke happens when blood flow to the brain is blocked by a clot (ischemic stroke) or when a blood vessel bursts (haemorrhagic stroke). When this happens, brain cells start to die quickly, which can cause serious damage. In addition, once a stroke has occurred, the risk of experiencing another stroke later in life increases if the underlying causes are not addressed. This underscores the importance of fast diagnosis and correct treatment.

**How UMBRELLA will address current challenges in stroke care**

* Delays in treatment – Early diagnosis and quick treatment are key. UMBRELLA will speed up stroke diagnosis and treatment, helping to save lives and reduce disability.
* One-size-fits-all care – Every patient is different. UMBRELLA will use real patient data from seven hospitals in Europe to set up a model that can support doctors to provide personalised care for each patient.
* Unequal care – Not everyone gets the same level of care. UMBRELLA will bring new technologies like virtual recovery tools and wearable devices to support people in remote areas.
* Unknown stroke causes – Some strokes have no clear cause. UMBRELLA will study these strokes, to find better ways to prevent and manage them.

**A big team working together**

UMBRELLA brings together hospitals in Spain, Italy, Belgium, Switzerland, Germany and the Netherlands, with the involvement of many research groups, non-profit organisations and companies. Dr Carlos Molina, Head of the Stroke Research group at Vall d’Hebron Research Institute (VHIR) and scientific leader of this project, says this project will improve stroke care, reduce disability and improve lives across Europe.

‘We are thrilled to be a part of this project, which is hoping to address many of the challenges that stroke patients and survivors experience’ says Arlene Wilkie, Director General of SAFE.

UMBRELLA is set to open a new era in stroke management by implementing a comprehensive approach that addresses gaps along the whole stroke care pathway, from diagnosis and emergency treatment, right through to rehabilitation and prevention of recurrent strokes.

**To learn more about the project:**

Download our patient information sheet here [link]

Visit the Umbrella website <https://umbrella-ihi.eu>

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

This project is supported by the Innovative Health Initiative Joint Undertaking (IHI JU) under grant agreement No 101172825. The JU receives support from the European Union’s Horizon Europe research and innovation programme and COCIR, EFPIA, Europa Bío, MedTech Europe, and Vaccines Europe. Views and opinions expressed are those of the author(s) only and do not necessarily reflect those of the aforementioned parties who cannot be held responsible.

**NEWS page – laternative shorter text**

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

Visual:



**Headline: Umbrella: Revolutionising stroke care – Faster treatment, better recovery and improved stroke prevention**

On Brain Awareness Week’s third day we are focusing on another new EU-funded research project called UMBRELLA which aims to make stroke care faster, more effective and more accessible. The project, co-led by Vall d’Hebron Research Institute (VHIR) and Siemens Healthineers, will use advanced technology, artificial intelligence (AI) and real patient data to help doctors make better treatment decisions, improve recovery and prevent future strokes.

**What is a stroke?**

A stroke happens when blood flow to the brain is blocked by a clot (ischemic stroke) or when a blood vessel bursts (haemorrhagic stroke). When this happens, brain cells start to die quickly, which can cause serious damage or disability. Fast diagnosis and treatment are critical to save lives and improve recovery.

**How UMBRELLA is setting out to improve stroke care**

* Faster diagnosis & treatment – UMBRELLA will help speed up stroke diagnosis and treatment, reducing delays that can lead to disability.
* Personalised care – Every patient is different. UMBRELLA will use data from seven European hospitals to develop AI models that support doctors in providing more personalised treatments.
* Better access to care – Not everyone gets the same level of care, especially in remote areas. UMBRELLA will introduce virtual recovery tools and wearable devices to help more patients.
* Understanding unknown strokes – About 1 in 4 strokes has no clear cause. UMBRELLA will study these cases to find better ways to prevent and manage strokes.

**A strong team across Europe**

The UMBRELLA project brings together hospitals, researchers, not for profit organisations and companies from Spain, Italy, Belgium, Switzerland, Germany and the Netherlands. Dr Carlos Molina, Head of the Stroke Research group at Vall d’Hebron Research Institute (VHIR) and scientific leader of this project, says the project will set new standards for stroke care and improve lives.

“We are proud to be part of this project, which will help stroke patients and survivors across Europe,” says Arlene Wilkie, Director General of SAFE.

By improving diagnosis, treatment and prevention, UMBRELLA aims to transform stroke care and improve the quality of lives thousands of people.

**To learn more about the project:**

Download our patient information sheet here [link]

Visit the Umbrella website <https://umbrella-ihi.eu>

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

This project is supported by the Innovative Health Initiative Joint Undertaking (IHI JU) under grant agreement No 101172825. The JU receives support from the European Union’s Horizon Europe research and innovation programme and COCIR, EFPIA, Europa Bío, MedTech Europe and Vaccines Europe.

**Social post x1**

**Visual:** Video named UMBRELLA BAW full video.mp4

**Facebook and LinkedIn**

#BrainAwarenessWeek day 3: We are thrilled to share news about @UMBRELLA\_IHI, a new research project, co-led by Vall d’Hebron Research Institute (VHIR) and Siemens Healthineers, hoping to revolutionise stroke care across Europe:

✅ Speed up diagnosis & treatment to save lives and reduce disability

✅ Use AI & real-world patient data to provide more personalised care

✅ Improve access to stroke recovery tools, especially for people in remote areas

✅ Uncover unknown stroke causes to prevent future strokes

With top hospitals, researchers and organisations from Spain, Italy, Belgium, Switzerland, Germany and the Netherlands, UMBRELLA are aiming to set new standards in stroke prevention, treatment and recovery.

More 🔗 [insert link]

#BrainAwarenessWeek2025 / #BAW2025

#StrokeResearch

#StrokeAllianceforEurope

#UMBRELLAproject

**Twitter/X**

@UMBRELLA\_IHI, a new EU research project is set to transform stroke care across Europe:

✅ Faster diagnosis & treatment

✅ AI-powered personalised care

✅ Better recovery tools

✅ Researching unknown strokes

🔗 More: [insert link]

#BAW2025   
#StrokeResearch   
#UMBRELLAproject