

Patient Virtual Assistant

and insights into the RES-Q+ project

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Disclaimer

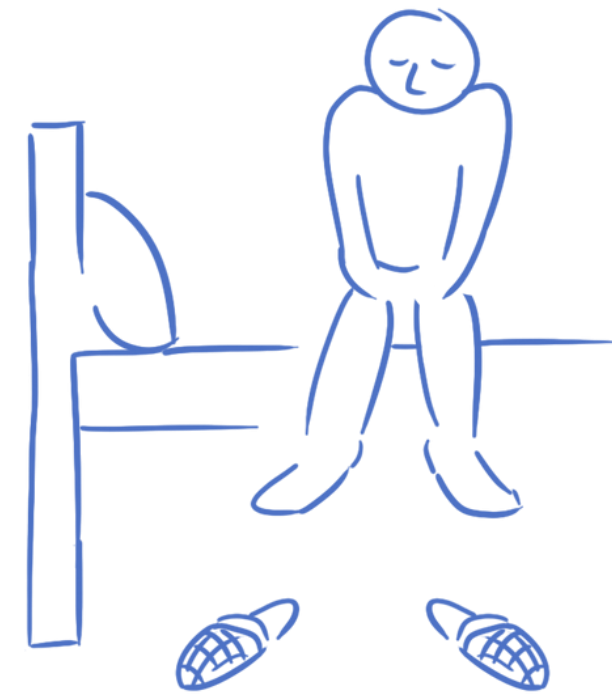
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HMI also participates in the **RES-Q+** Project - Comprehensive solutions of healthcare improvement based on the global Registry of Stroke Care Quality (No. 101057603) funded by the European Union through the Horizon Europe program, which develops new features for RES-Q users.

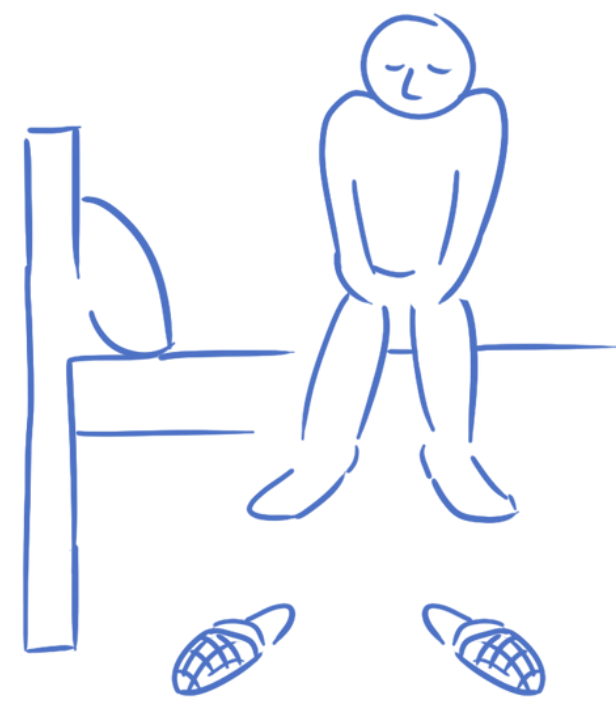
Disclaimer: No patient level data is shared by RES-Q with any grant provider.

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Stroke Patient Pathway

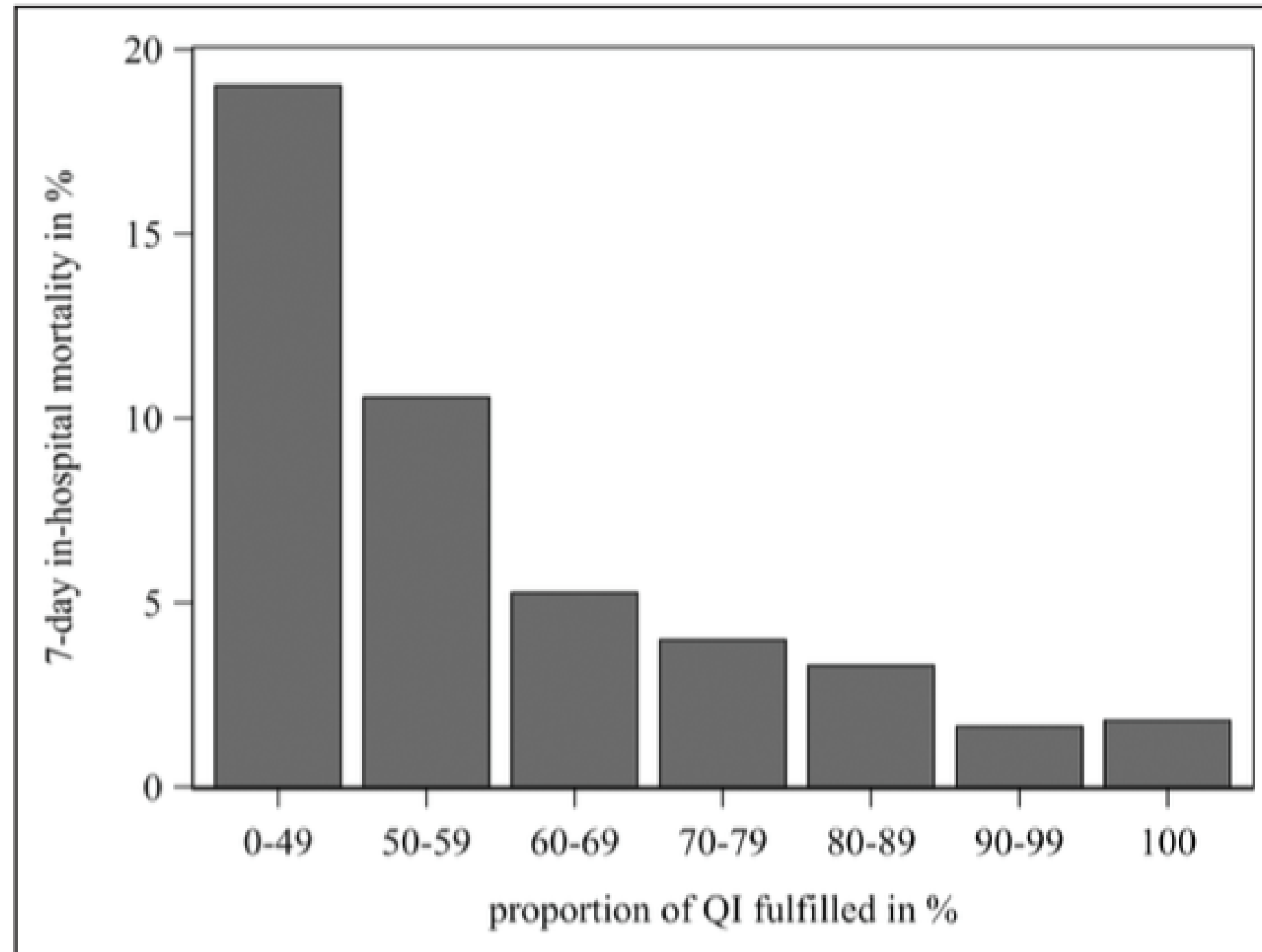


Stroke Patient Pathway



Association Between Adherence to Quality Indicators and 7-Day In-Hospital Mortality After Acute Ischemic Stroke

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Registry of Stroke Care Quality (RES-Q) was launched in 2016



Protocol

EUROPEAN
STROKE JOURNAL

Enhancing and accelerating stroke treatment in Eastern European region: Methods and achievement of the ESO EAST program

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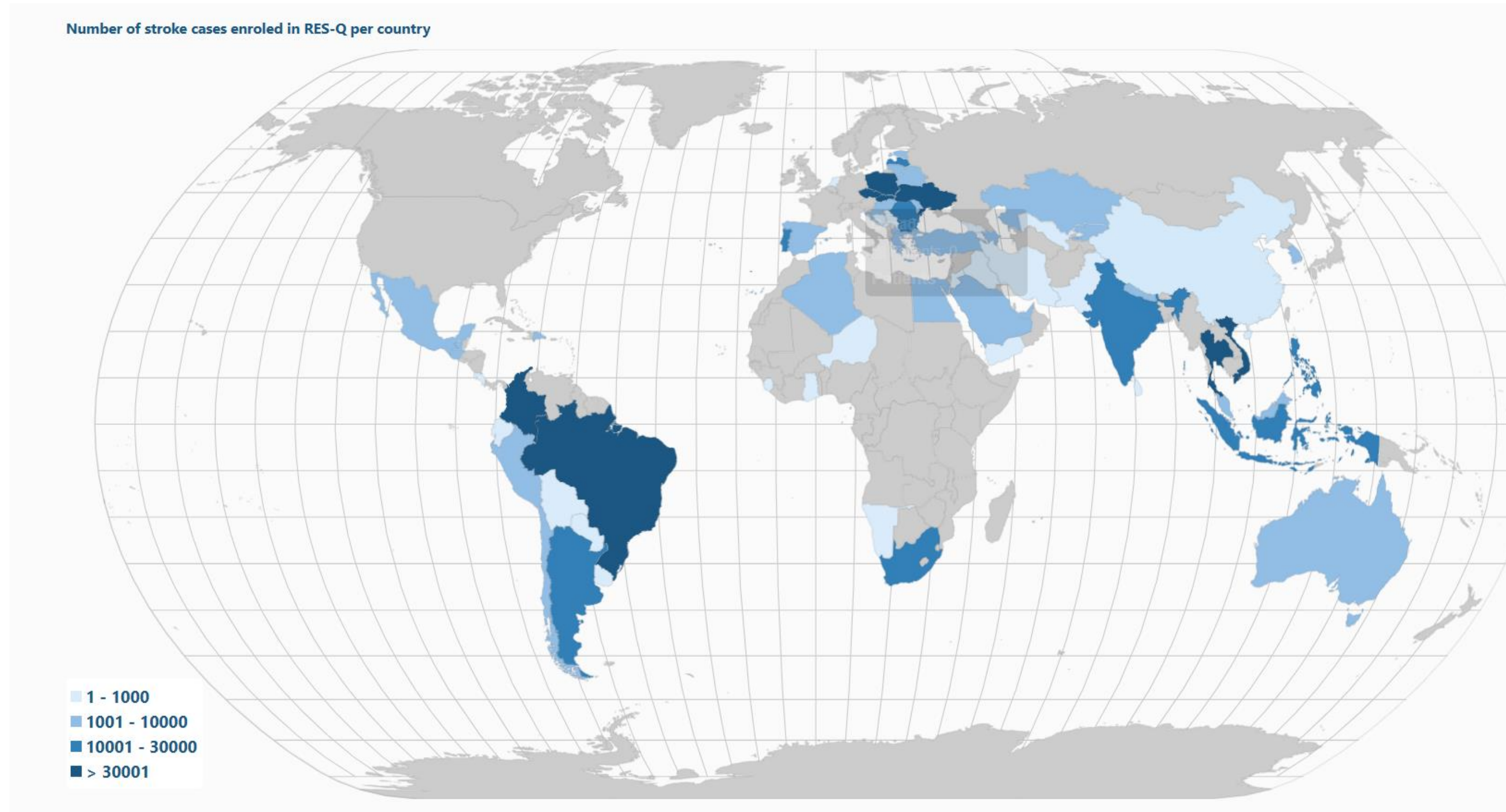
Abstract

Introduction: Despite the availability of prevention and therapies of stroke, their implementation in clinical practice, even of low-cost ones, remains poor. In 2015, the European Stroke Organisation (ESO) initiated the ESO Enhancing and Accelerating Stroke Treatment (EAST) program, which aims to improve stroke care quality, primarily in Eastern Europe. Here, we describe its methods and milestones.

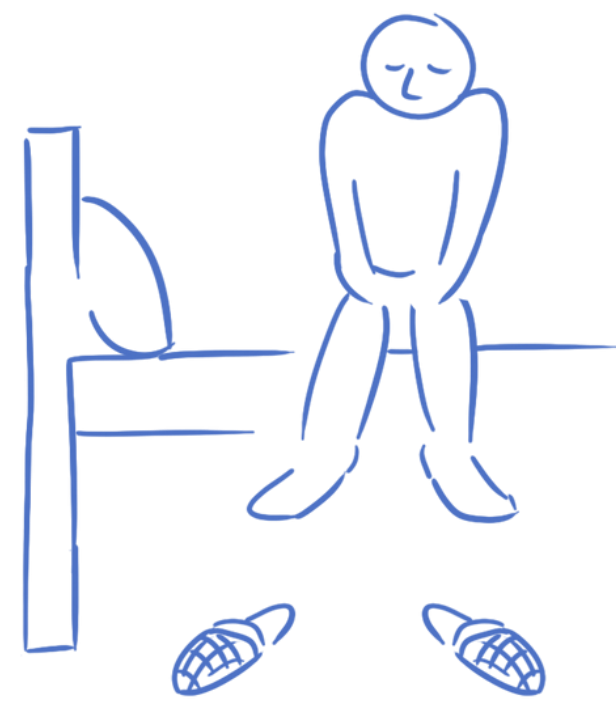
962,000+
Patient cases

1949+
Hospitals

80
Countries



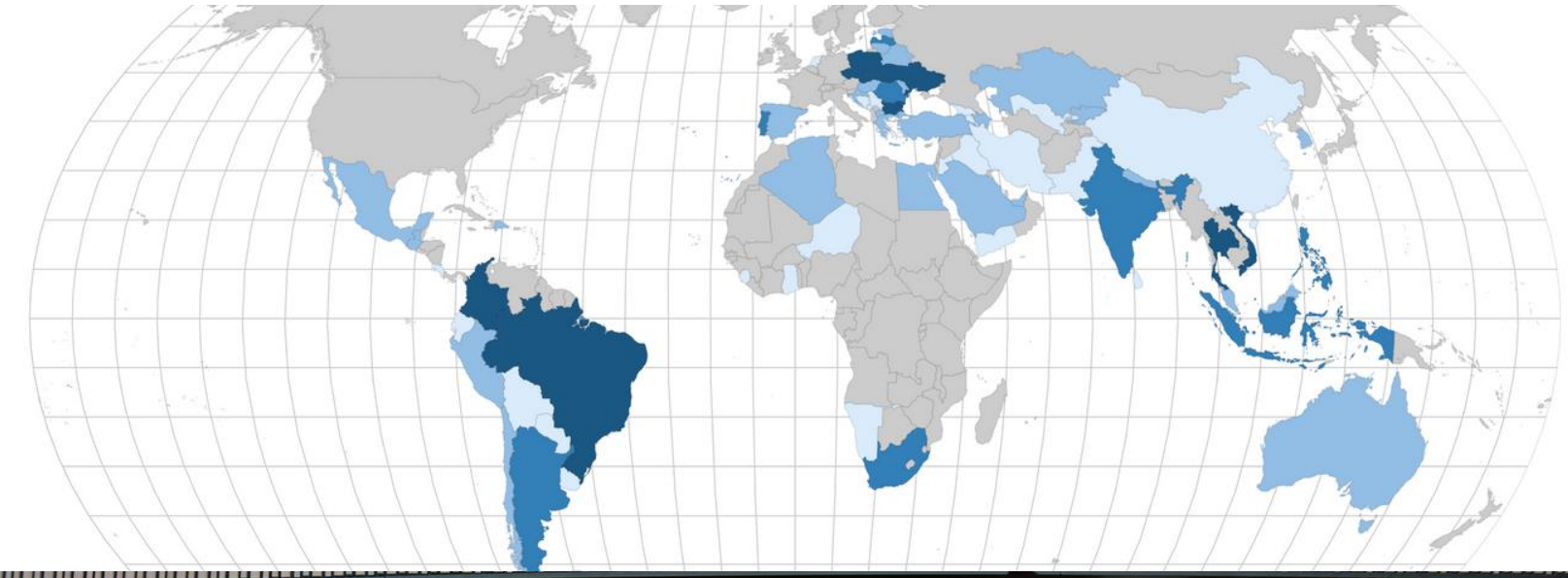
Why do we need a patient Virtual Assistant?



Why do we need a patient Virtual Assistant?

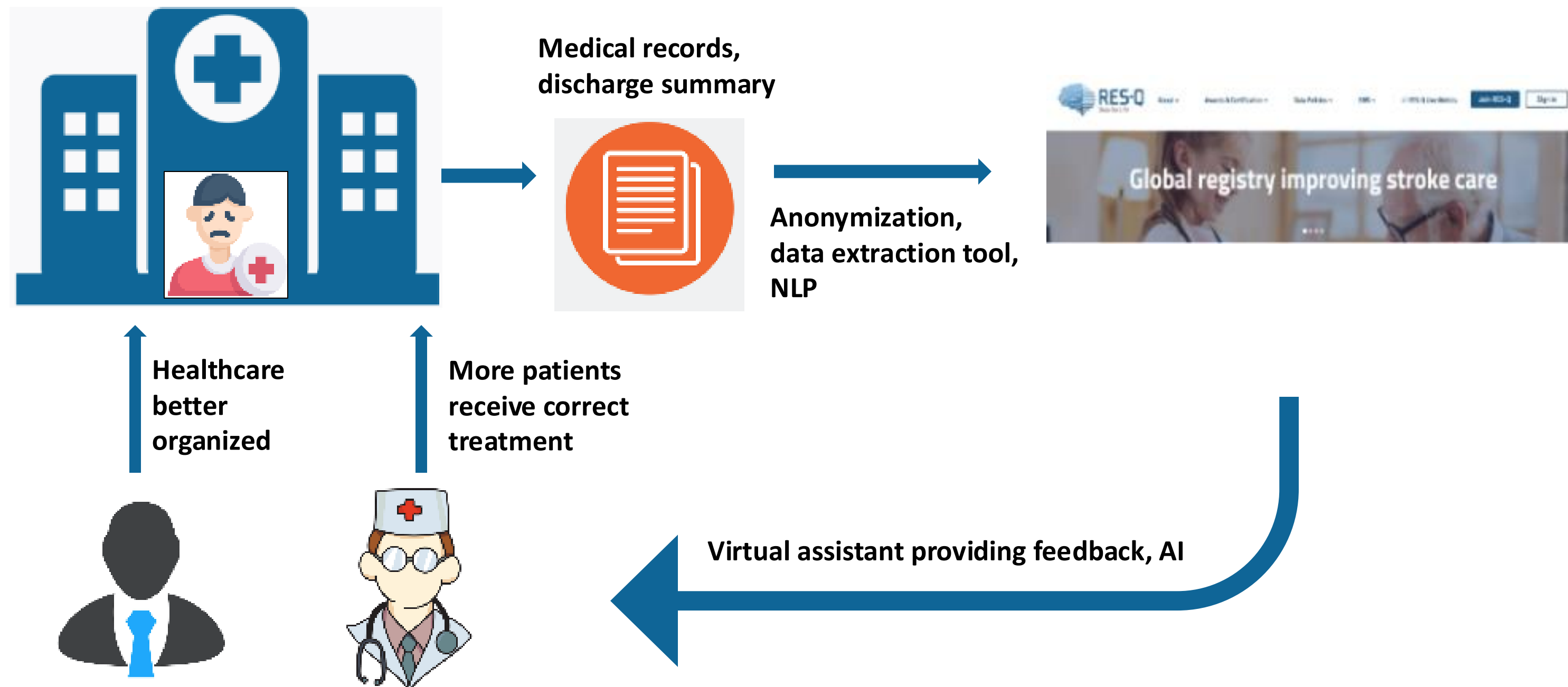


RES-Q + 22 partners 13 countries



Project Objective - 1

Automate whole process of audit and feedback

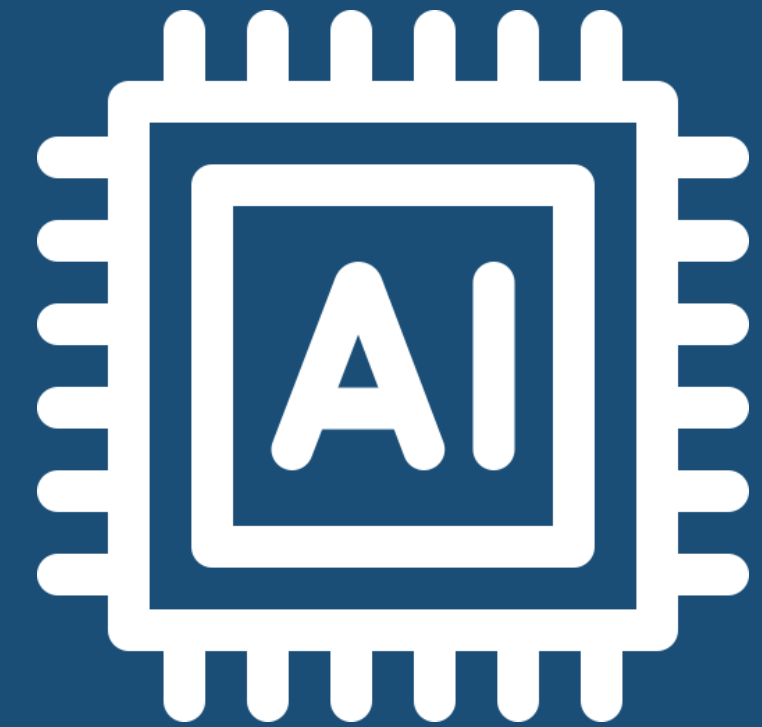


Project Objective - 2

Life After Stroke



What is a patient Virtual Assistant?



Track their medical condition after stroke

Learn about patients' outcome after discharge

Improve stroke care quality based on data analyses

Help them understand and improve their outcome

How are we building the tool?

Research of published papers

Semi-structured interviews

Clinician interviews

Workshops with stroke survivors



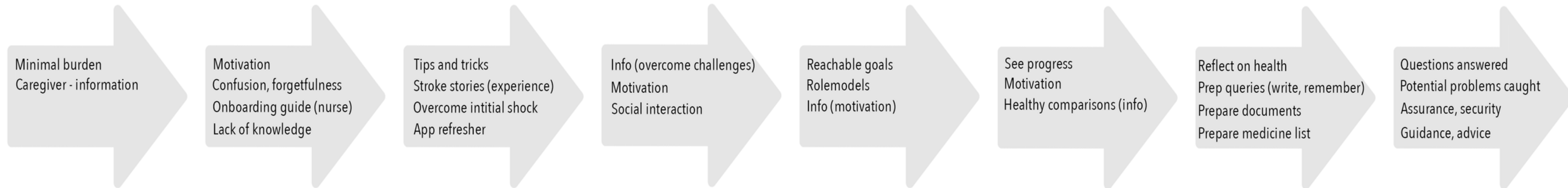
How is the VA introduced to patient

User Journey

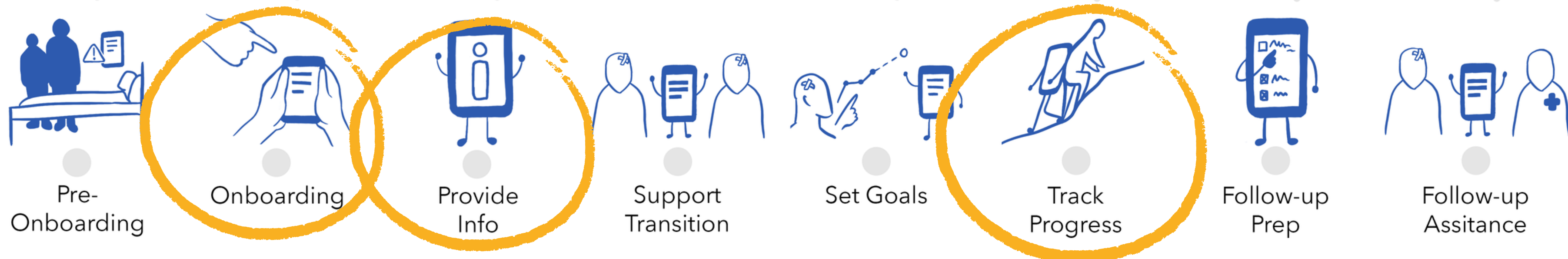
Journey



Needs



Touchpoints




Patient Virtual Assistant features

- UNDER DEVELOPMENT
- Developed in multiple languages – currently ENG and CZ
- Voice controlled

Your RES-Q+ ID is **2235d78er**

Questionnaire collection 2

Independence 

Answer in 2 days

Stroke Impact 

Mental Health 

Daily Living 

Answer in 12 days

Your feedback 


Answer in 22 days

Q&A about stroke

Ask the chatbot 


Try asking the chatbot your stroke

< exit
Mental health
next >




Hi welcome to the mental health questionnaire. Please take your time and remember you can ask me if you need help with the question.

How often do you feel demotivated?



How often do you feel demotivated?




I need some help.


Not at all


Several days

More than half the days

Every day




Several days 

SEND 


< prev
Summary

Please check your answers below:


Q1: Do you have interest in things?




Missing answer

 Edit


Q2: How often are you sad?




Several days


 Edit

Q3: Do you have interest in things?



Several days

 Edit

SUBMIT 

VA Benefits

For patients:

- ✓ Credible tool to monitor their condition
- ✓ At no cost for patients
- ✓ Foster patient and healthcare provider connection
- ✓ Encourage patient engagement in their own health management
- ✓ Provide reliable info
- ✓ Help users fill in medical questionnaires
- ✓ Gather patient data for personalised and efficient care – better follow up



VA Benefits

For clinicians:

- ✓ Better overview of patients condition
- ✓ Better follow-up
- ✓ Help fill gaps in hospital
- ✓ Systematically collect outcome data for every patient (save resources)



...helping to reduce the stroke burden world-wide

Thank you for your attention!

Keep track of our progress! Come meet us at our booth!

www.resqplus.eu

www.stroke.qualityregistry.org



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