



Cross4Health

Awarded Projects Interview

Awarded Project	Stroke.AI
Company name	Symptoma GmbH/Inova DE GmbH

1. What is the company's business activity?

We are R&D heavy software technology providers, specialized in medical software. We carry out research and development in partnership with other industry and academic partners. Our project results are then licensed and commercialized within these partnerships.

2. What is the Stroke.AI project?

This project builds upon Inova DE's platform for cardiology and Symptoma's diagnostic engine. The platform was initially built to receive ECG data from wearables with textile-based sensors and provide intelligible information facilitating medical decision by the cardiologists. Symptoma's diagnostic engine has proven to be the first and only viable solution on the market setting a new bar with its unparalleled diagnostic accuracy. StrokeAI integrates these two components to enable an AI to assist with the assessment of stroke risk. The risk for stroke is very variable depending on many different parameters specific to the patient, in addition to the hard data related to ECG and detected Arrhythmias.

3. How did the idea come about?

The collaboration of our two companies has always been very fruitful. Both companies have remarkable software tools to address many different medical issues. In contact with our clinical partners, we are able to identify the medical needs in terms of tools and information. This was paramount to define the project idea. In short, we talked with cardiologists and other medical experts and tried to understand which tools would provide a positive impact to medical treatment.

4. Who are the core partners of the project?

Inova DE and Symptoma.

5. How did this collaboration between the partners arise?

The collaboration came to be how we explained in point 3. A wish to produce better tools for medical decision.

6. How did you hear about the Cross4Health project?

Website of the European Commission.

7. What is the current status of the project?

We defined the API to exchange patient information, and how to interface both tools. We are still deploying the Interface to enable the introduction of the risk factors and facilitate this information to Symptoma.

8. What are the next steps?

Conclude the Interface and API and validate the first prototype on a designated test data set

9. The project would be developed without the support of Cross4Health?

Hardly. It is a financial issue to address this healthcare concern at this point. We are already heavy on the risk related to this development, and to bring it to the market as is. This novel

functionality of automated estimation of stroke risks will be highly useful for healthcare providers, and will be definitely a winning selling point considering the impact on cost effectiveness and patient wellbeing.

10. Would you recommend Cross4Health to other companies?

Yes, absolutely.