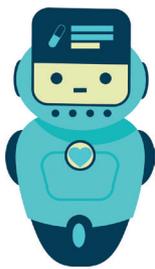


Digital Wellbeing **SARA**



Social & Autonomous Robotic health Assistant

Care institutions and hospitals in Europe are facing serious staffing shortages. As a result, three out of four nurses is experiencing a problematic workload and high time pressure that holds them for doing what they value most: spending time with their patients. Heavy work pressure has proven to be related to a poor quality of care and incidents such as medication errors, which 13.8% of nurses deal with weekly.

In order to improve the work environment of health care professionals and the wellbeing of their patients, the robot supports them by providing patients with meaningful social interactions specifically designed for certain health conditions like dementia.

The problematic work pressure of healthcare professionals drives them to dissatisfaction with their jobs and emotional exhaustion. The workload is crucial to the quality of care, as most incidents, such as medication errors, occur with nurses that experience problematic work pressure. SARA aims to better work

and life of healthcare professionals and their patients by creating robotic care assistants. The robot functions as a social entity in nursing homes and hospitals to improve the quality of care. The goal is to reduce the workload of healthcare professionals so they have more time to do what they value most in their job: spending time with their patients.

Competitive Advantages

- Social robot to support healthcare professionals
- Thoroughly tested and validated with end users
- Personalised social interactions with patients based on their preferences
- Mathematical models to automatically map any environment for autonomous navigation

Target Markets

- Hospitals
- Care institutions
- Health insurance companies
- Europe, worldwide
- Main markets in Europe: Netherlands, Germany and Finland

Status/ Traction

- Potential customers already engaged through two large scale pilot tests in the Netherlands and Finland
- Active end-user involvement in the creation of the product
- Development of MVP for care institutions in progress
- Involved partners Bright Cape, Forum Virium Helsinki, GIM Robotics, TU Berlin, Curamatik

Road Map

2019

- Build Minimal viable product (MVP) for care institutions
- Validation of MVP in two pilot institutions

2020

- Validation of the solution in a new environment
- Improve routing algorithms and technology
- Create multi-modal patient-robot interactions
- Develop analytics engine to analyse patient status
- Business growth and target market expansion

Connect



Emmy Rintjema,
Activity Leader
e: e.rintjema@brightcape.nl
t: +31 630719612

Location

c/o Bright Cape
Heggeranklaan 1
5643 BP
Eindhoven
The Netherlands



sara-robotics.com

 [@SARArobotics](https://twitter.com/SARArobotics)

SARA is an Innovation Activity proudly supported by EIT Digital

EIT Digital supports entrepreneurial teams from research and business organisations in launching new startups and new products in agile 12-month projects called innovation activities. These activities are embedded in EIT Digital's European ecosystem and receive a financial co-investment to package their technology, sign up customers and attract investors.