



# Social robots in healthcare

## Social robots are a key tool to help relieve a healthcare sector under pressure

*Imagine you have been feeling tired and unwell for some time. Even though you have received phone counselling you begin to feel slightly anxious about your health, but keep thinking about how burdened medical staff are. Despite this, you finally decide to head out to your local clinic and are immediately greeted by a kind and patient coworker*

*She talks in your own language, which is a big relief as you struggle to express yourself sometimes, asking you about your symptoms and medical history as well as measures temperature and blood pressure by simply using a camera. It feels good not having to perform the registration yourself, both to avoid any virus spread from touch screens but secretly also since these modern screens are quite tricky to use.*

*While waiting to see the doctor, you can't help but to be impressed by the efficient and friendly check-in procedure and you're grateful that the nurses and doctors have received such a good helper.*

## A healthcare system in need of more robots

The Covid-19 pandemic has put an already strained healthcare sector under extreme pressure. Finding new innovative ways to save cost and keep staff safe will be key to survival, and according to the World Economic Forum, the broad use of robots for COVID-19 is a strong indication that the healthcare system is in need of more robots.

What if there was help available to...

- **Greet, inform & register patients in their own language**
- **Provide contactless screening and measurement**
- **Easily scale up & down depending on workload**
- **Provide comfort & trust to patients**

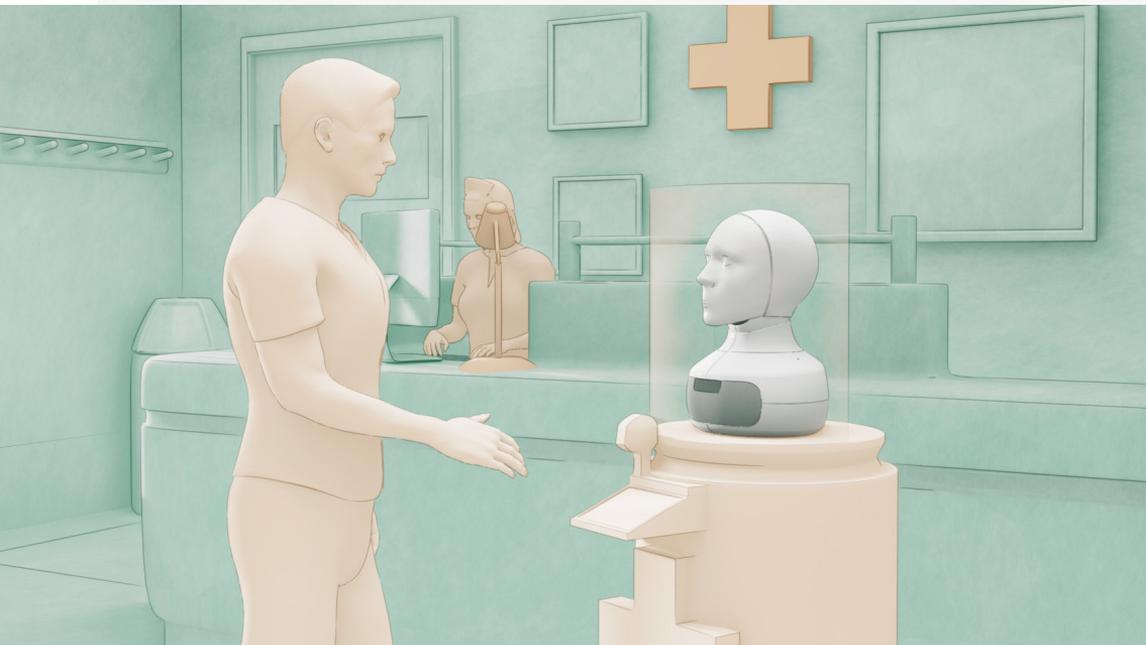
# How Furhat can help

- ➔ **Register walk-in patients**
- ➔ **Record medical history**
- ➔ **Measure vital signs**

Furhat Robotics, the world-leading social robotics provider from Sweden, presents a new unique concept for relieving healthcare providers under pressure.

The Furhat robot, placed in a clinic or a key public location, will greet patients in their own language, register walk-ins, record medical history and measure basic vital signs including temperature and blood pressure.

Not only will this be a means of providing a comforting and empathetic patient experience, but equally important it will alleviate nurses and doctors from time-consuming and virus contagious routine tasks, ultimately enabling a more cost- and resource efficient healthcare access.



**“The day healthcare can fully embrace AI  
is the day we have a revolution in terms of  
cutting costs and improving care”**

Fei-Fei Li, Co-Director of Stanford Human-Centered AI Institute



## Key technical features

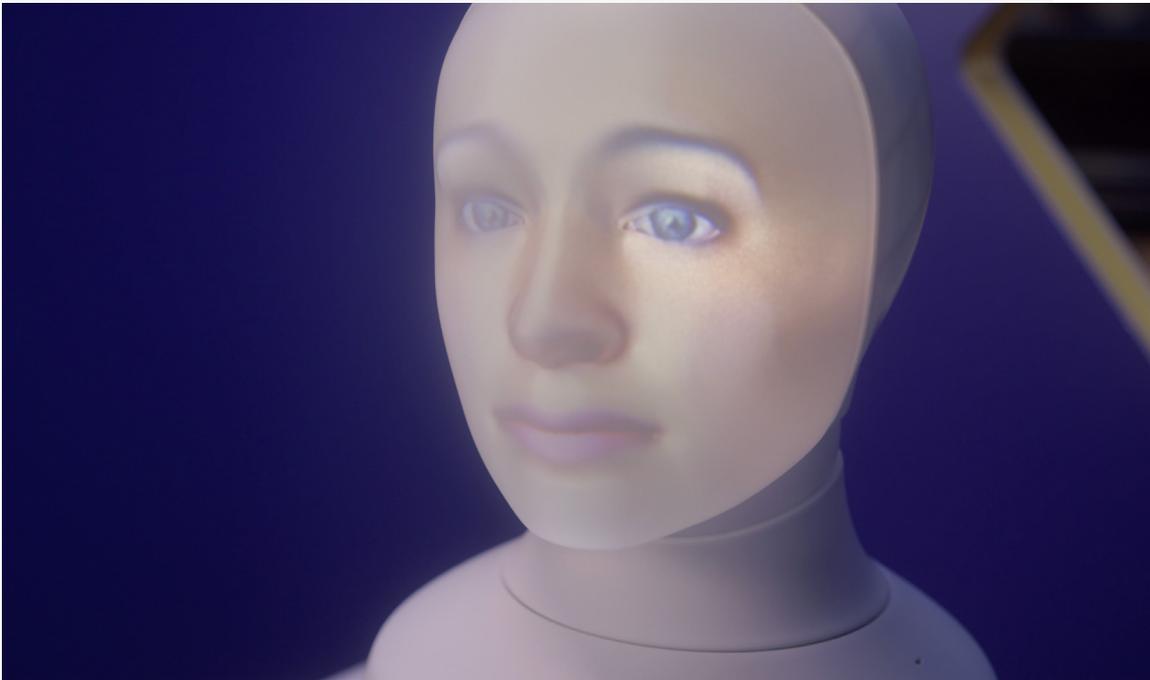
- ✔ Support for temperature measurement
- ✔ Support for Blood-pressure measurement
- ✔ Speaks your language (40+ languages available)
- ✔ Integration with journaling system to provide efficiency at registration and pre-screening
- ✔ Automatic translation from conversational language to required journaling language
- ✔ No-touch solution, reducing risk for spread of virus
- ✔ GDPR compliant

## Meet PETRA - The social robot creating awareness of common diseases

Among recent examples of social robots in healthcare, global pharmaceutical company Merck teamed up with Furhat Robotics to reshape the way medical professionals approach early detection and diagnosis of common diseases.

Developing PETRA, a social robot that has the ability to detect signs of three of the world's most common, yet under-diagnosed diseases: diabetes, alcoholism and hypothyroidism, Merck were able to explore uncharted ways of meeting their objectives:

- Create awareness around common diseases
- Increase accessibility to self-evaluation tests
- Create a safe and qualitative experience for self-evaluation



**“There is growing consensus that a better way to solve a lot of the health problems we face today is by living healthier, more active lifestyles complemented with more proactive and personalized medical treatments. PETRA is our first foray in social robotics and we could not be more happy with the result.”**

Bettina Bauer, Managing Director, Merck Sweden



*Do you want to be a pioneer in the healthcare sector and collaborate with us to bring more social robots to the market? Reach out to us at*

[sales@furhatrobotics.com](mailto:sales@furhatrobotics.com)

*or read more at*

[www.furhatrobotics.com/healthcare](http://www.furhatrobotics.com/healthcare)