

# intuition robotics

Intuition Robotics enables the creation of enduring relationships between humans and machines through digital companion™ agents. Digital companion agents are the natural evolution of digital voice assistants, replacing utilitarian voice command with a bidirectional relationship based on empathy, trust and anticipation of needs, to effectively influence people's behaviors, routines and emotions. These agents are powered by the company's cognitive AI runtime engine, Q, which enables the understanding of context and enables its agent to make goal-based, cognitive decisions that engage users.

## ELLIQ: AN IN-HOME HEALTHCARE COMPANION FOR OLDER ADULTS

### Extending the care team into the home



With the transition toward value-based care, coupled with the impacts of the pandemic, now more than ever, healthcare providers desperately need a virtual care solution to help them monitor, support, and communicate with their older adult patients remotely. Unfortunately, due to the digital divide, many seniors tend to have a harder time adopting virtual care solutions, as these solutions are not tailored to seniors' unique needs and preferences.

**ElliQ®**, an **AI-driven tabletop digital voice companion**, is there to fill the void when older adults enter the home. ElliQ provides a **hybrid approach to care, combining AI** with direct and indirect **patient-provider contact**, thus augmenting and enhancing providers' overall quality of care. ElliQ allows providers to **monitor and support** their older adult patients around the clock, so that they can deliver **more effective, holistic care**, and **extend their reach** beyond the clinic and into the home.

After the extensive research and deployment of ElliQ over the past three years, our team learned how to create a device that **older adults welcome into their homes** and use frequently, one that **builds a unique bond** with each user, built on **empathy and trust**.

Using Intuition Robotics' **cognitive AI engine, Q**, ElliQ understands if, when, and how to **effectively interact** with older adult patients, **proactively engaging and guiding** them through a variety of **health and wellness activities** based on their **personalized care plan**, defined, monitored, and guided by their primary care practitioner (PCP).

These activities include, among others:

- **Healthcare:** Medication management, communication with care team, remote patient monitoring (e.g. BP, glucose), reminders, appointments
- **Wellness:** Physical exercise, stress reduction, health content, nutrition and hydration, cognitive stimulation
- **Social care:** Companionship, entertainment (music, videos, jokes), morning motivation, Q&A

ElliQ also **gathers self-reported data** from patients (on their mood, pain levels, and sleep), and supports patients' **social well-being** via rich, **personalized conversations**, thus **alleviating feelings of loneliness and isolation** when they're at home alone for long periods of time.

On the provider's end, ElliQ is **fully customizable**, and can **easily be configured** based on each patient's **unique condition(s) and prescribed care plan**. After defining ElliQ's care objectives, providers can **track and monitor** patients' real-time data and overall progress via an online dashboard. They also receive **custom alerts** (based on anomalies, alarming results, changes to the patient's routine, etc.), which can be used to **take immediate, actionable steps**, allowing for **early intervention** as needed.

ElliQ **bridges the gap** between providers and care teams and their senior patients throughout the day, giving them the ability to **continuously monitor patients**, ensure **care plan compliance**, and **improve the quality of their care**, while **reducing costs** and **hospitalizations**, and improving patients' **overall health outcomes**.

### The value of ElliQ

With ElliQ extending the care team's presence into patients' homes, providers can:

- **Increase patient compliance to their personalized care plan** (e.g. medication adherence, use of in-home monitoring devices, exercise, nutrition and hydration, cognitive stimulation)
- **Extend their presence and positive influence** on patients' day-to-day lives and routines
- **Easily access, check in, and communicate** with patients, directly through ElliQ
- **Acquire biometric and self-reported patient data** to improve care (e.g. pain levels, side effects, mood, sleep)
- **Understand and address the social determinants of health (SDOH)** that have proven to be crucial when caring for this population
- **Receive alerts on actionable patient data** (e.g. anomaly detection, deviation from routines, alarming results) via an analytics dashboard, to allow for early detection and intervention

### Major advantages for the entire healthcare ecosystem

#### Patients

Because ElliQ offers continuous support, and grants patients the ability to directly communicate with and ask questions to their providers through ElliQ, they feel more uninhibited and reassured at home, resulting in **improved care, less confusion, and greater peace of mind**.

#### Providers

Through the ability to support, monitor, and be more accessible to patients, providers can offer them **better, more personalized care, inside and outside the clinic**, reducing the need for ER admissions and doctors appointments, as well as **lowering the cost of claims and care**.

#### Payers

More efficient remote care management of older adult patients through ElliQ supports the transition to whole-person, value-based care, and leads to **improved population health, better patient outcomes, increased star ratings, and lower costs**.

## About

Founded: 2016

Funding: \$58M

Patents: 30

Employees: 80

Co-Founders:

Dor Skuler, Roy Amir, Itai Mendelsohn

Offices:

Israel, San Francisco and Greece

## Awards



## Investors

