



OVERVIEW

The Ibis solution from Sencio Systems, delivers technology enabled in-home health management for the population with the most complex medical conditions. This digital therapeutics solution provides focused care for the chronically ill, resulting in better outcomes, reduced health costs, and lower burden on primary care physicians. Ibis delivers a holistic combination of in-home monitoring and sensing , artificially intelligent digital therapeutics technology, and personal attention from dedicated health coaches in our regional Centers of Personalized Care.

SOLUTION

The Ibis 2.0 solution has four components that collectively facilitate good self-care habits while proactively responding to medical exacerbations to prevent avoidable hospitalizations. The four components are as follows:

- Dedicated health coaches respond to changes in health and self-care with personal support to the patient along with actionable intelligence delivered to the right caregivers through mobile devices and via a web portal (CarePortal™).
- Ibis employs artificial intelligence to deliver self-care support, through a highly engaging device in the home (CareStation™). Patient interaction with the CareStation provides data on medication adherence, meals, exercise, mood and vitals.
- The Warbler™ sensor systems passively monitors and interprets movement to detect changes in activity patterns which could be indicative of a change in medical condition.
- All data are interpreted by the Ibis artificial intelligence framework called Scio™ to interpret massive amounts of data and detect deteriorations in health or self-care.

PROVEN VALUE

Initial studies show that Ibis improve health outcomes while reducing cost of care \$5000/year/beneficiary. The Ibis platform. Ibis detects health exacerbations 3-7 days

before the need for hospitalizations and prompts patients and caregivers to deliver immediate in-home intervention to maintain health, lifestyle, and mitigate hospital stays.

- 90% of exacerbations are detected and treated in the home 3-7 days earlier
- An unprecedented 85% of patients comply with their care plan: medications, symptoms monitoring, exercise, diet and clinical follow-up, vs. a control 50% norm
- 70% fewer hospitalization per beneficiary per year for the COPD population
- \$5000 average net cost savings potential per patient per year
- 100% of patients report feeling more in command of their health

ARTIFICIAL INTELLIGENCE IS THE DIFFERENCE

Senscio's key advantage is Ibis's underlying AI technology enabled care which unlike any other product or service:

- Adaptively nudges beneficiary into timely and effective self-care using principles from behavioral economics, based on learning the patient's patterns of self-care,
- Learns beneficiary baseline health and correlation to quality of self-care, to detect deteriorating health and drive self-care in real time,
- Provides personal interaction and coaching to solve potential health issues quickly, mitigating the need for disruptive and expensive hospital admissions.
- Provides risk stratification based on self-care behaviors, the single biggest driver of healthcare risks.
- Cost effectively reduces the burden on physicians for routine care of the chronically ill.

TEAM BASED CARE

Ibis works because it delivers person-centered care through a dedicated care team that is informed by artificial intelligence that is aware of the situation at home. The Ibis care team includes a dedicated coach who supports the beneficiary in all aspects of care, a nurse who helps the beneficiary when health takes a turn for the worse, family members and friends who can pitch in to help, and clinicians who diagnose and treat. Technology keeps the team aligned and alignment leads to prompt action.