

**Ibis™**  
**Digital Therapeutics  
for Seamless  
Chronic Care**

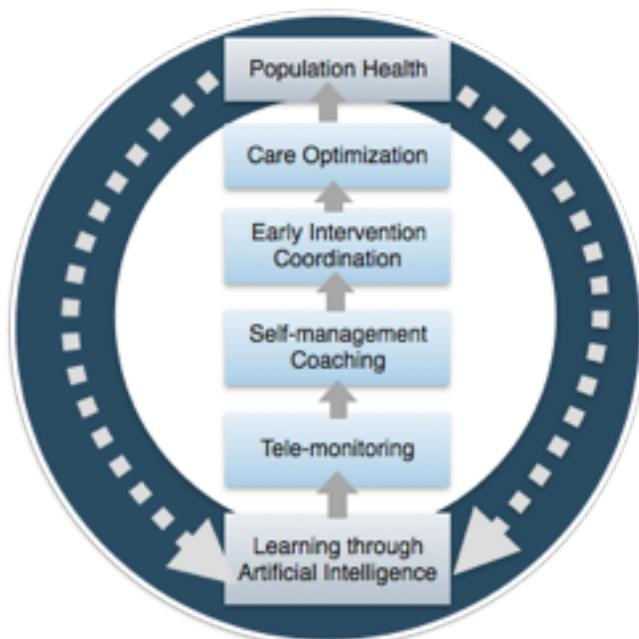


As the US healthcare system continues to evolve to an outcomes focused system, there is a need to create solutions that make healthcare proactive and personalized.

Proactive and personalized healthcare at scale, requires augmenting healthcare services through technology that enables timely and effective actions. Senscio Systems has built a such a system for managing the health of people with complex co-morbidities. The system uses an artificially intelligent platform, called Ibis, that interprets data from multiple sources, from within the home or the clinical system, to detect changes in health and quality of self-management. The knowledge created by Ibis is used by a team of caregivers to provide timely self-management coaching, coordinate early intervention for emerging health issues, and to use evidence to guide interventions for the individual and the population. We call this combination of technology powered services, digital therapeutics - a new type of chronic care.

The Ibis digital therapeutics, enabled by the Ibis platform, consists of five sequenced services, enabled. Services begin with remote monitoring and ends with evidence based population management.

1. Tele-monitoring: Tracking status of health and self-management in the home.
2. Self Management Coaching: Patient engagement and follow-up.
3. Early Intervention Coordination: Coordinating the response to health related alerts with the clinical team and social services.
4. Care Optimization: Providing insights on “what works” for individuals.
5. Population Health: Providing insights on “what works” for population.



A pilot project with a population of individuals with primary diagnosis of severe COPD has demonstrated the dramatic impact of the Ibis solution. An ACO enrolled 10+ COPD patients classified with GOLD classes 2, 3 or 4, and CAT scores higher than 15 into the Ibis program. Prior to the Ibis program, this group experienced 1.3 hospital admissions per year on average. Since enrollment into the Ibis program, this same group has experienced 0.3 hospital admissions per year on average - a 76% reduction, estimated to save over \$5K per person per year. This population averages one exacerbation every 10 days. Less than 1% of the exacerbations resulted in hospitalization; 99% were successfully treated at home through self-management or medication adjustments. Based on this success, this program is now expanding to encompass the sickest 5% of the ACO's COPD patients.