

Blue Cross and Blue Shield of Illinois (BCBSIL) is offering patients that meet specific requirements an opportunity to participate in a home monitoring program to prevent emergency room visits and readmissions. This program uses monitoring technology by physiQ™ called pinpointIQ™.

Early detection of a patient's physiologic decompensation is a key component in managing and mitigating a patient's acute-care needs. PinpointIQ™ is a monitoring platform that consists of an easy to wear biosensor (patch) that streams a patient's physiologic data (vital signs) to a secure cloud for analysis by state-of-the-art analytics. These analytics are sent to a web-based clinical portal and notify the clinical user if there are physiologic changes that may require intervention. We believe this creates significant advantages over in-person, telephonic, or survey-based patient assessments.

This program is an innovative approach aimed at creating and evaluating the clinical/medical benefits of remote patient monitoring on specific diagnoses to yield decreases in hospitalizations, readmissions, ER visits and unwarranted outcomes related to delays in care interventions.

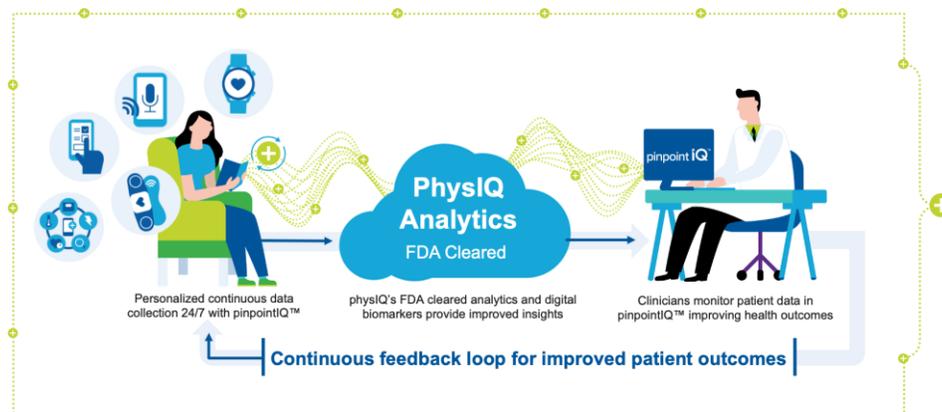
- 400 members being discharged from the hospital after a heart failure exacerbation will be evaluated for pilot participation
- Pilot evaluation will compare patients that participate against a group managed without the pilot
- Patients enrolled in the program will receive the pinpointIQ™ kit shortly after discharge which will allow physiological data capture
- BCBSIL Care Management team will monitor patient data from pinpointIQ™ over 28-day period via a cloud- based dashboard and will provide regular updates to the health system care management team

physIQ™ is a leading digital health and therapeutics company founded in 2011 and based out of Chicago, IL.

physIQ's™ vision is to provide the technology enablement platform to enhance virtual care models through the collection of near real-time physiologic vital signs, contextual insights, and personalized patented analytics using (AI) with digital biomarkers.

The physiQ™ solution is a single platform for virtual care models such as post-acute remote patient monitoring/management, and Hospital-at-Home programs. The physiQ™ solution makes it possible to monitor, analyze, detect, and predict patient decompensation / complications across a wide range of disease states. The physiQ™ platform has three major pillars: 1) Patient tools: continuously streamed vital sign data (+spot check vital signs) combined with contextual patient symptom information through patient reported outcome measures (ePROMs) (wearable device / phone app), 2) Analytics: FDA cleared cloud-based AI analytics

which “learn” a patient’s baseline and compares subtle physiological changes to the AI model and produces an index indicating patient’s health status change and 3) Clinician tools: patient management dashboard to notify clinicians of early patient decompensation to allow prompt intervention.



These highly personalized insights are leveraged to improve patient monitoring clinical care, and the overall quality of life for people with heart failure, cancer, COPD and other serious diseases. This information is especially useful for patients requiring ongoing safety monitoring following discharge from the hospital.

The FDA-cleared analytics transform real-world data into actionable clinical insights. By uploading passive raw waveform data from sensors and active questionnaire responses from patients (ePROMs) and applying proprietary algorithms in the cloud (rather than locally), the physIQ™ platform can generate extraordinary clinician insights, thereby improving safety monitoring and supporting virtual care models.

Based on almost three million hours of individuals patient data (continuously and clinically curated), physIQ’s™ analytics and biomarkers have been cleared by the FDA and shown to identify patient decompensation days before clinicians and patients with traditional post discharge management of a physician appointment and phone call check ins. As additional data is collected, the advanced AI capabilities assures a continuous ‘Learn and Confirm’ model that refines existing insights and creates opportunities for new, better insights to become available to improve deterioration & complication prediction.

RESOURCES

Stehlik, J. et al (2020). Continuous Wearable Monitoring Analytics Predict Heart Failure Hospitalization <https://www.ahajournals.org/doi/10.1161/CIRCHEARTFAILURE.119.006513>