

About TEC4Home

TEC4Home is an empowering, patient-centred, home-health monitoring program that is designed to help patients transition from hospital to home. Our goal is to evaluate and identify how best to use home health monitoring (HHM) to support the transition of care from hospital to home.

CURRENT PROJECTS



TEC4Home Heart Failure

To evaluate the use of HHM to support patients with Heart Failure for 60 days after discharge from hospital to decrease the number of 90-day hospital readmissions and ED revisits.



TEC4Home Hypertension

To evaluate the effect of home blood pressure telemonitoring relative to usual care, for improving BP control among patients with elevated blood pressure discharged from the ED.



Medication Protection/Vigilance

To assess how an in-home medication dispenser coupled with monitoring devices can help support patients and their healthcare providers manage Heart Failure at home.

How Does TEC4Home Work?

Patients are referred from hospital sites, upon discharge from the hospital:

Step 01

Patients are provided with Home Health Monitoring equipment for 60 days.

Step 02

The monitoring clinician reviews data remotely and follows up with patient.

Step 03

The patient is provided with education and course of action coordinated with care team.

So What?

These projects have introduced new pathways of care and emerging technologies to help support patients discharged from the ED and hospital. This progression of TEC4Home over the past 10 years is a demonstration of how this program of research will undoubtedly continue to impact patient care and health care delivery.

Future of TEC4Home

The TEC4Home portfolio of projects continues to test and refine home health monitoring to ensure comprehensive support to best meet patient and provider needs.