

# Hypertension Program for AMC

## Challenge

East coast based Academic Medical Center & Persistent Systems partnered together to develop a remote, navigator-led hypertension program. Program is designed to use algorithmic care pathways, home BP measurements and patient coaching to allow rapid & complete medication titration. Persistent designed technology tools, execution framework, data integration. Clinical experts helped design clinical protocol & cohort selection criteria as well as navigator program.

## Persistent Solution

- \ Data integration from EMR & other clinical as well as operational systems
- \ NLP & other technology to read text reports like physician notes, nurses notes to determine patient status
- \ Cohort building tool to select right patient for the program
- \ Data analytics tools to populate patient data model
- \ Algorithm & API definition. Navigator user interface

## Outcomes

**Reduce operational cost to manage hypertension patients**

**Developing similar programs for CKD, Lipid panel**

**Reduce readmission related penalties by monitoring clinical KPIs**

**Free up specialists time to focus on higher risk patients, while reducing cost**