

HealthBeacon

Smart tools for
Managing
Medications

HB Health Summit
Presentation
Feb 2020

The Problem



50% of people taking chronic medication stop taking it in the first year, with the biggest drop-off occurring in **the first month**

\$50 Billion of chronic injectables Medications are self administered in the home

Why do they stop?

Feel worse

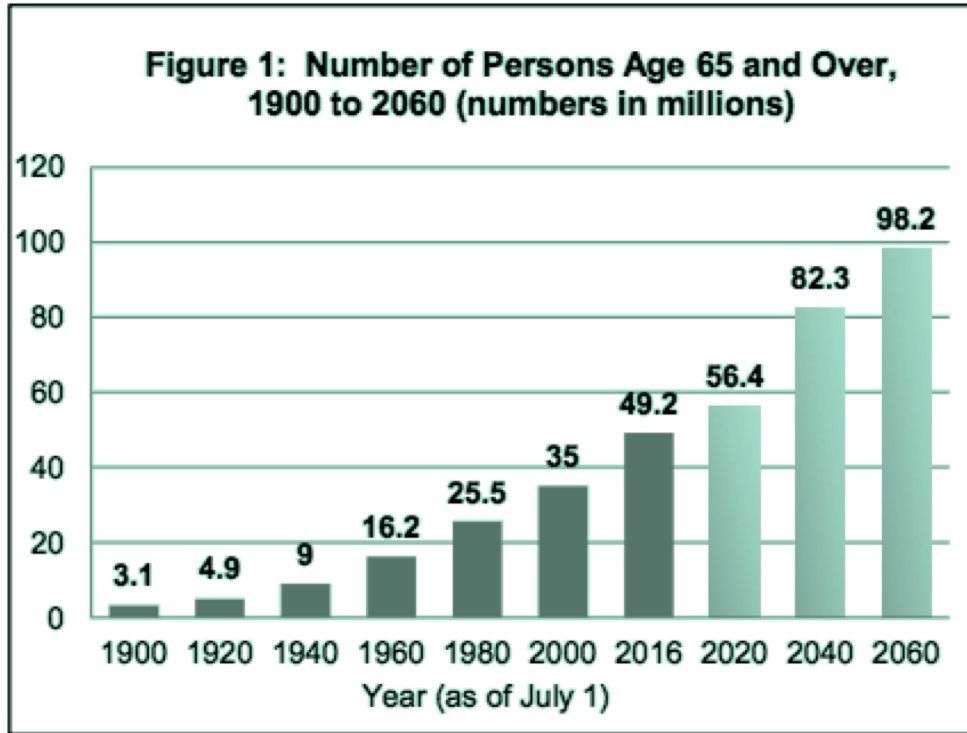
Feel better

Wrong dose

Forget

Wrong treatment

Stats: Chronically Well of the USA



Note: Increments in years are uneven. Lighter bars indicate projections.
Source: U.S. Census Bureau, Population Estimates and Projections.

56,400,000 (15%)

>over the age of 65

36,600,000 (65%)

> living with 3 Chronic Diseases

Chronic Diseases – Can now be treated in the home



Complex
Conditions can
Treated in the
home

- ✓ Rheumatoid Arthritis
- ✓ Multiple Sclerosis
- ✓ Crohns Disease
- ✓ Severe Asthma
- ✓ Diabetes
- ✓ Severe Migraines
- ✓ Cardiovascular
- ✓ Rare Diseases
- ✓ Oncology

What does this mean: Chronically Well

We are asking for more from our ageing population



Might lead to
confusion:

What Disease?
How to take it?
Why does it work?
When?

We connect high consequence medications

■

HB Smart Sharps Bin (2015)

-FDA/Can/EU/Aus./Brazil

-10,000 Units, 13 Countries

HB Lid

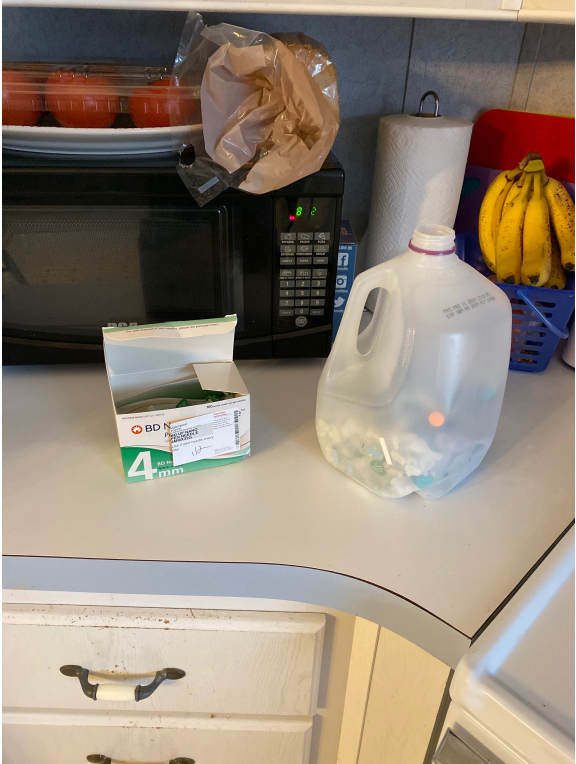
HB Phone System

HB Integration Plan

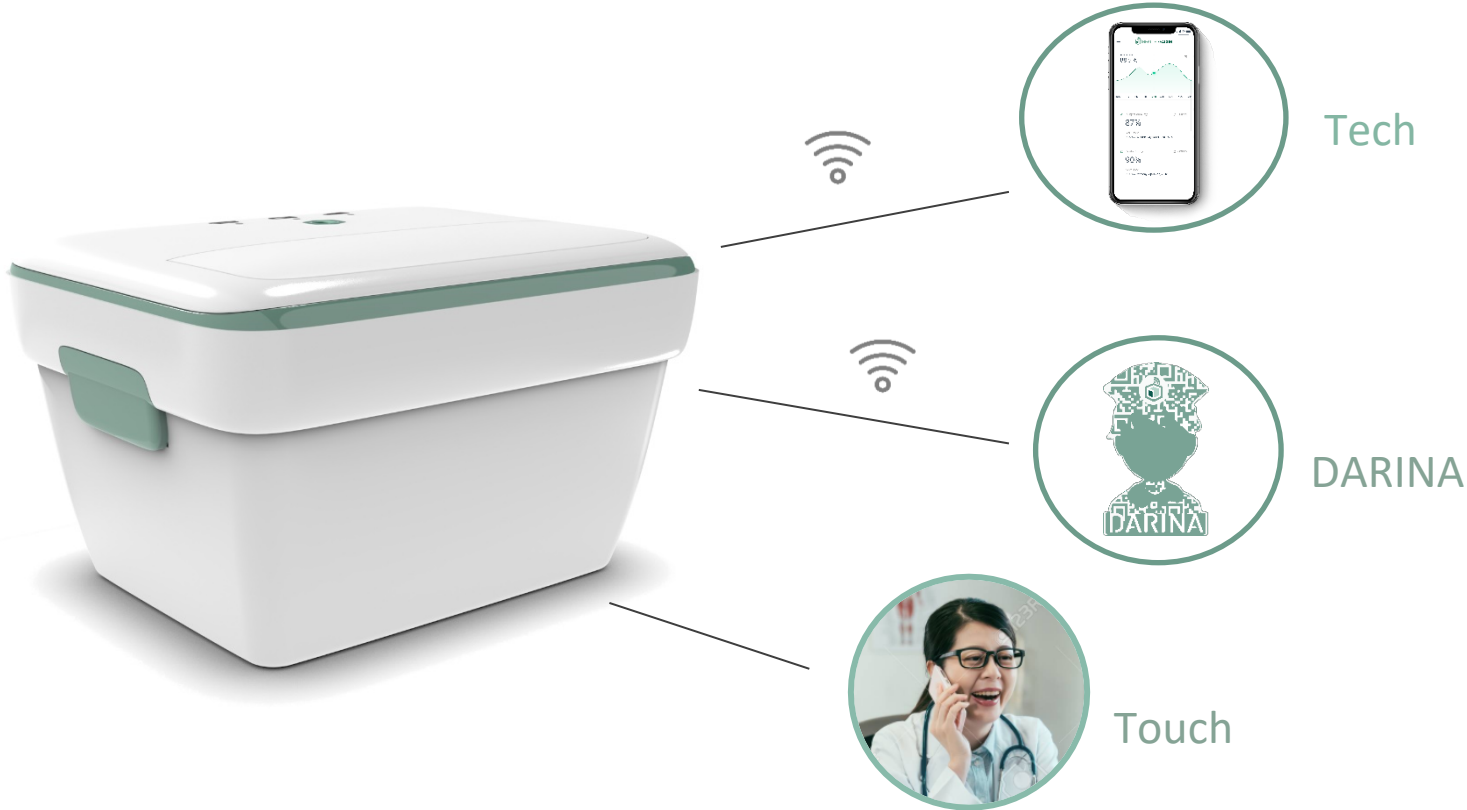
Injection Care Management System



Our Competition



Connected their Home Sharps Bin



Tech (Connected Device) + Touch (Data Driven Intervention)

HealthBeacon Intervention Hierarchy improves adherence

HealthBeacon Smart Reminder System

Targeted Outreach using HealthBeacon Data

Tech – drives 10% increase

Dashboard

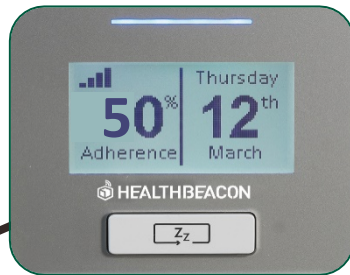
HCP Report



Intervention SMS

Reminder SMS

Blue Light & PAS



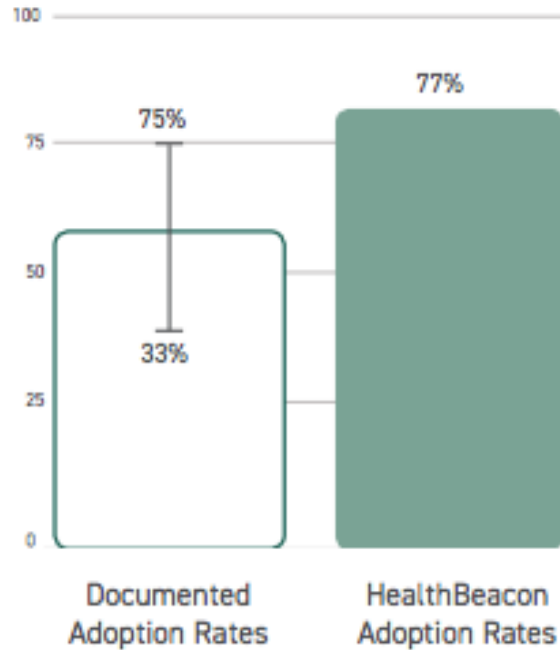
Touch – drives 20% increase

Persistence



Evidence from HB Peer Reviewed Studies on Patient Adoption and Predictive Machine Learning Capability

2x Adoption Rates



System 86% Predictive

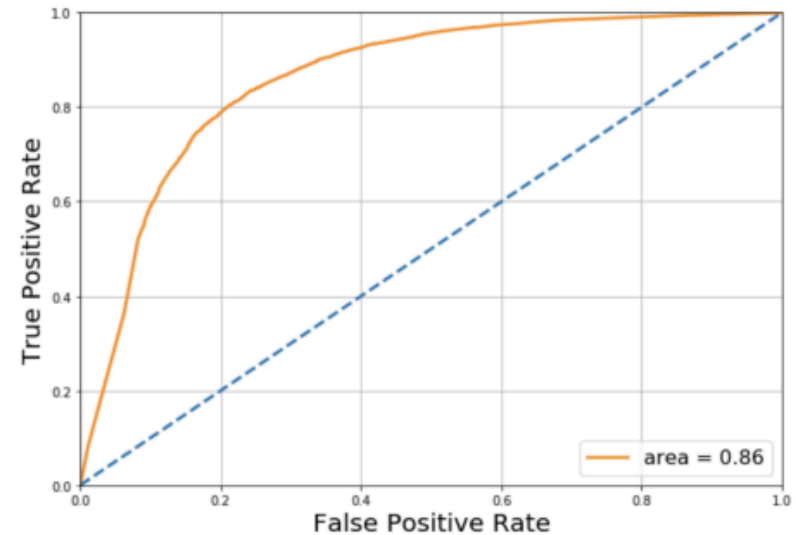


Fig. 7: ROC curve for performance on the testing set (AUC = 0.86).

