



CARES

ing Access to Remote
onic Support

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The Problem

- ◉ Diabetes costs the U.S. \$174 billion dollars annually (Center for Disease Control and Prevention)
- ◉ Telemedicine allows for patients to easily record and send their glucose readings to the hospital through mobile devices
- ◉ IPRO 345 will help Mount Sinai hospital decrease the costs and increase the quality of care for diabetes patients

OUR PLANS

- ◉ Suggest best possible devices and software for Mt.Sinai Hospital to use to build the Diabetes Support Center
- ◉ Find most suitable software for the Support Center
 - Suitable for the doctors, nurses and technicians
- ◉ Find most suitable device for the diabetic patients
 - One that has the most simple functionality
 - One that is most affordable
 - One that has the most benefits

Progress Toward Goals

Research glucose meters and other options for remote testing

Create a report detailing our findings of the most promising technologies



OnTrack
Friday March 12, 2010

Medication - Humalin	7.0
10:07 PM	Dinner
Glucose	3.3
5:10 PM	Dinner
Food	21.9
5:09 PM	Dinner
Glucose	5.0
11:03 AM	Lunch
Medication - Humalog	
8:02 AM	
Glucose	
8:00 AM	
Food	
8:00 AM	



Glucos

Top In-App Purchases

- 1 BP + VT add-on \$3.99
- 2 Multi-Device Cr... \$12.99
- 3 No Ads add-on \$3.99

More iPhone Apps by oneAppOneCause

BP Buddy - 80% OFF SALE - Blood

Glucose: 143 mg/dL

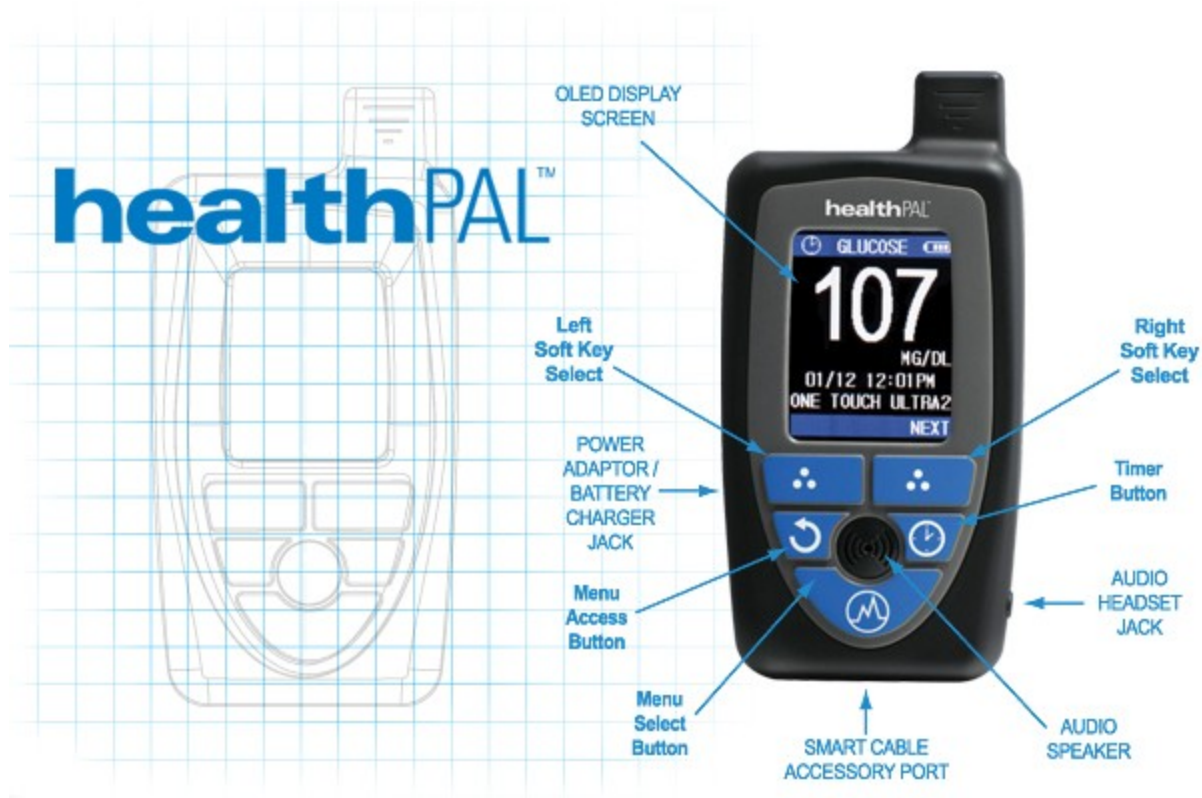
Out Of Bed

Before Break...

After Breakfast

Before Lunch

Rate this application: ★★★★★



HealthPal demo



Processes of exploration

Clinical Path

- ⊙ Data collected from patients at home
- ⊙ Analysis of data in hospital
- ⊙ Clinical action following analysis

Administrative Path

- ⊙ Management, organization, administration at Mount Sinai of data
- ⊙ Storage , interpretation, connectivity of data
- ⊙ Studies performed

Obstacles Encountered



The Future OF IPRO 345

PHASE 1

- ⦿ Research available technologies
- ⦿ Interview Mount Sinai administrators

PHASE 2

- ⦿ Lead experiment with chosen testing equipment

PHASE 3

- ⦿ Implement technology

Questions?

