IIT CARES

Creating Access to Remote Electronic 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
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?