

Health iManage Project

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Health iManage

Disease management system that not only collects patient information and communicates it to health care personnel but also manages certain aspects of the disease using smart phone technology

Initial target: Adolescent Type 2 Diabetes

Pandemic of obesity

Rapid rise of Type 2 diabetes

Accompanying co-morbidities

Options to treat (or reverse) are limited

Reverse? Calorie restriction and exercise

**Optimal treatment is precise blood glucose
control**

Components to Health iManage

1. Monitoring

2. Communication

3. Management

Monitoring

- **Blood glucose levels**
- **Exercise (quantitative)**

Communication

- Synchronous with endocrinologist
- Two-way (data, voice, text)
- Patient individualized feedback

Management

- **Customized algorithms with specific recommendations to patient**
- **Event and trend analysis**
- **Feedback (instant or subsequent)**
- **Rewards for achieving benchmarks**
- **Learning component**

Health iManage

- **Disease management system**
- **Smart phone platform**
- **Applicable to chronic disease management**
- **More precise care—resultant economies**