Patient Perspective

Complex Patient

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I spent 25 yrs. in Silicon Valley as a technologist …running a think tank and design firm where we designed 65 stents for 35 major medical companies and the first wearable computer system designed for the US Army Land Warrior Program.
Patient Introduction
He has a prior history of Acute Anxiety Disorder. This did cause over-zealous concern to otherwise often trivial body signs and symptoms.

For the past three years, he has been on a very aggressive plan for Cardiovascular risk-factor mitigation. He tries to keep HbA1C below 6.0, and LDL-C below 70 mg/dl. Monitors BG/BP/HR/Wt. daily.

Initially the patient had multiple visits to ER & several calls to the Cardiologist on a almost weekly basis. However, since starting to do regular monitoring, and serial correlative graphic record keeping, he has not had a hospitalization. The monitoring tools applied to his CV care have given him confidence and objectivity in his Cardiac team at UNMC and Midwest Cardiology to help manage his health better.

Justus M. Decher (DOB 1.15.1953)

He is a 62 y/o Caucasian (Germanic-Native Indian ethnicity) who had a coronary stent in 2001 followed by a 4 vessel CABG in 2010.

After bypass, he continued to have rapidly progressive atherosclerosis, leading to a stent within 6 months after surgery. This episode showed additional moderate small vessel involvement that is only amenable to medical therapy.
Necessity…the Mother of Invention
Necessity…is the Mother of Invention

- I looked for a solution…
- The systems I reviewed were not sufficient…
- Nothing was integrated, all were just silos…

- So I asked myself…
  
  • Do I really want to take this on?
  • Is it really worth the effort?
  • …and how much value will it add to a patient/healthcare?
Measurable Results and Outcomes
Total Cholesterol: 121 to 101
HDL: 39 to 44
LDL: 72 to 48
Triglycerides: 51 to 45

Blood Pressure Readings
- 1st yr. b/p: 134 / 81.5
- 2nd yr. b/p: 126 / 69

A1C
- 2011: 9.4
- 2012: 8.3
- 2013: 7.1
- 2014: 6.2
- 2015: 6.0

Blood Glucose Readings
- 1st 6mo. avg.: 133
- 2nd 6mo. avg.: 116
Realizing the Dream
What we do...

- Remote Patient Monitoring (RPM)
- Tele-Video Consultations
- Mobile Health (mHealth)
- Predictive Analytics (HRA/LOS)
3 solutions that improve remote monitoring
Medical payment models are changing from fee-4-services to bundled payments?

A. True  
B. False
Population health affects the employee base just as much as the patient base?

A. True
B. False
We are at least 10 years away from Tele-health systems in healthcare?

A. True
B. False
Remote Patient Monitoring is a contributor to Meaningful Use?

A. True
B. False
Mobile Medical Applications are making it easier for patients to track their biometric data?

A. True
B. False
Thank You!