Data Cure: Implication in Clinical Care?

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Knowledge + Action = Power
≈ 70% of Australians have Smartphone
Soft contact lens encapsulates electronics
Sensor detects glucose in tears
Chip & antenna receives power and sends info
Diet, Exercise, Sleep, Medical Info

Known, unknown?
Known, known?

Life Expectancy + athleticism
Obesity
Figure 5: Most US consumers are interested in lower-priced or free wearables
Consumers were asked how likely they would be to purchase a fitness band at each price point.

- **$500**: 4% Very/somewhat willing
- **$300**: 5% Very/somewhat willing
- **$100**: 38% Very/somewhat willing
- **Free (Employer provided)**: 63% Very/somewhat willing
- **Free (Insurance provided)**: 66% Very/somewhat willing
- **Free (Employer provided)**: 68% Very/somewhat willing

Source: HRI/CIS Wearables consumer survey 2014

Security, privacy, Interpersonal Relationships?
‘Smart pills’ with chips, cameras and robotic parts raise legal, ethical questions
Access
Physician-led practice
Whole-person orientation
Focus on quality and safety
Integrated and coordinated care
Happens in Isolation

Impact on clinical care

Assumption HCP “know”

“opt in”
The Internet isn’t a luxury anymore, and scientists argue the need for smart health-related information is becoming imperative. *Photo courtesy of Shutterstock*
“Fo shiz – my work gig is totes chron, the hours are defs cray cray but yolo!”

Translation ……. “I LIKE MY JOB”
Knowledge + Action = Power