Conclusion

- It’s not special: eHealth is just health.
- Thou shalt not re-invent the wheel.
- Leadership & Change-management: Stage, sustain, improve
- Telehealth is a platform that supports adoption of eHealth.
- Shift philosophy not technology

Who is NICTA?

- Australia’s ICT research center of excellence
  - Research excellence and wealth creation
    - Making fundamental advances in ICT that can underpin the development of globally competitive products, processes and services.
    - Contributing skills and outcomes that are changing the profile of our ICT industry.
  - 700 people (300 research staff)
  - 5 laboratories
Meet the next Chief Technology Officer.

This is her office:

This isn't her office. It's a conference room for clinicians.

Mobile telehealth?
eHealth is here.

Smart health space challenge: 20 bed hospital
- Health systems suffer from 20:80 rule
  - 20% of the “work” occupies 80% of the workforce (acute care)
  - 80% of the “work” is only given 20% of the funds (chronic, aged, community)
- Better use of information is the only solution

Social TV: content recommendation for health

Clinical Information Processing
- Automatic analysis of fungal outbreaks
Social media impact: participatory medicine

How to run the cluster? Epicure

- Secure data, application and storage service
- All algorithms ARE data
- Input, and output securely stored

Application store
Application server
Data store
Runtime environment

“Health informatics has been technology driven and IT creators have misconceptions about how clinical work is done, what characterises workers and their environment, what problems they face, and how they will use the artifact.”

Review, Reid Hospital EMR Viewer adoption
What & why?
- Demonstrate ICT in-situ (not in research office)
- Real problems: engage clinicians early and often
- Data interoperability: big-data is your friend....
- Developer community: virtual
  - Vendors, SME’s, researchers, clinicians, government (state + federal)
  - Many partners
  - Including internationals
- Teaching and clinical training with ICT embedded

Like this?
NICTA is hiring.
Work here
Change this: