Health Care in British Columbia

- 4.7 million people
- Province of 945,000 km²
- Health budget = $18 billion
- 37.5% of provincial budget
Vancouver Coastal Health

- More than 1 million patients
- Budget of $3.4 billion
- 13,080 staff
- 2,100 physicians
The world has changed

- Demo-graphics
- New medicines
- New technology
- Miniatur-ization
- Internet
- Personal health apps
- Smart phones
- Gene sequencing
- No more blockbuster drugs
- Antibiotic resistance
- Big data
- New viruses
- Remote monitoring
- Personalized medicine
- Aging buildings
- More expensive than ever
- Wearable devices
- Smart phones
- Gene sequencing
- New viruses
- Remote monitoring
- More expensive than ever
- Wearable devices
- Personalized medicine
- Aging buildings
- Smart phones
Shouldn’t our health care system change too?
A complex system

- Patient recovery
- Safety
- Efficiency
- Efficacy
- Equity
- Affordability
- Security
- Privacy
- Transparency
- Accountability
- Value for money
Stability is good.
Innovation in research

- $30 million from BC government
- Plus $73 million from the feds & others
- $103 million every year for 15 years

- $34 million for health projects in 2016
Innovation in clinical practice

Minimally invasive heart surgery

Gene sequencing and cancer

HIV treatment
How do we consistently and systematically adopt innovation?

Pacific Health Innovation eXchange (PHIX)
Partnerships
PHIX goals

- Deliver innovation to patients
- Improve system effectiveness and efficiency
- Commercialize BC innovations
- Create jobs and companies in BC
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Learn more at PHIX.ca