

Be the Future

Innovation in Canadian Health Care Through ICT

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Canada Health Infoway

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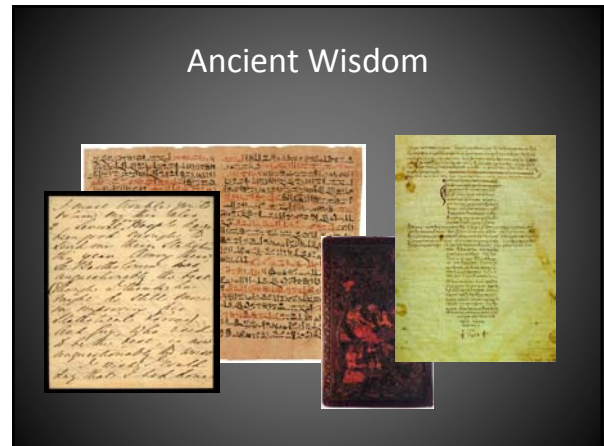


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Infoway's vision for health care

A high quality, sustainable and effective Canadian health care system supported by an infostructure that provides residents of Canada and their health care providers timely, appropriate and secure access to the right information when and where they enter into the health care system. Respect for privacy is fundamental to this vision.



What Public Surveys Say

- 87% of Canadians support the development of EHRs (November 2010)
 - 'Strong support' rising
- 97% say very/somewhat important that their health records be kept electronically so that they can be easily transferred around the health system
- 9 in 10 interested in having access to their personal health records




Canada Infostructure
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Progress has been made



Availability Use Benefits

Do You or Your Family Receive Value from Health IT Today?

-  Child under 19?
-  Senior or on social assistance?
-  Received imaging?

Drug Information Systems (DIS): An Example

- A GEN 2 DIS allows...
 - Online viewing of a patient's medication profile by a prescriber or pharmacist, regardless of the location
 - Enhanced medication reconciliation and drug interaction alert checking— e.g. drug–drug and drug–allergy checking
- Pharmacists report also receiving 40% typed or printed scripts
- Benefits valued at \$436M in 2010

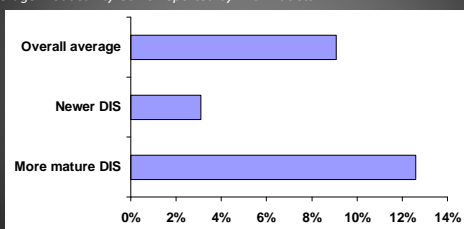
Most Important DIS Benefits: What Pharmacists Say

- Improving access to patient info (e.g. BPMH)
- Increase patient safety
- Reduce fraudulent medication use
- Increase drug therapy monitoring +/or med management

2010 Survey, Canada Health Infoway & Canadian Pharmacists' Association

Scope for Additional Benefits in Future

Average Productivity Gains Reported by Pharmacists



We've come a long way, but ...

- Much info in health care still paper-based
- Significant opportunities to improve access, quality, and productivity
- Requires great technology but that alone is not enough ...



Don Berwick on Health IT as Culture Change

It's better for everyone when health care IT is used meaningfully. ... The question is, if it's so good, why aren't we there yet? For everybody? For all the patients, not just the lucky ones in modernized systems?

The reason is because it's hard. Moving from paper legacy systems to modern IT is a big change. New hardware, new skills, new attitudes, new assumptions. It's really a new culture and you don't get there in one step.

Source: Don Berwick speaking at meaningful use press conference, July 13, 2010

Quote of the day ...

"Now this is not the end. It is not even the beginning of the end. But it is, perhaps, the end of the beginning"

- Sir Winston Churchill, 1942

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Looking Ahead: Infoway & the Innovation Agenda



Canada Health Infoway

- Created in 2001 as not-for-profit organization
- Accountable to 14 federal/provincial/territorial governments
- Collaborate with health ministries and other partners
- Strategic investor
 - Co-invest with public sector partners (75:25 formula)
 - Manage risk and ensure quality solutions
 - Measure benefits and adjust
- Engage clinicians
- Form strategic alliances with the private sector
- Privacy safeguards



Current Investment Approach

Setting the Future Direction	Innovation and Adoption \$105 million		Patient Access to Quality Care \$50 million	
Healthcare Applications	EMR and Integration \$362 million	Consumer Health Solutions \$49 million	Public Health Surveillance \$150 million*	Telehealth \$110 million
The Electronic Health Record	Interoperable Electronic Health Record \$362 million			
Architecture and Standards	Registries \$134 million	Drug Systems \$250 million	Laboratory Systems \$170 million	Diagnostic Imaging \$365 million
	Infrastructure \$52 million			


*Exact allocation amounts to be determined

Objectives of the Innovation Strategy

- Strategically invest in, and showcase, selected innovative initiatives with strong potential to achieve tangible value for clinicians and/or Canadians
 - Typically benefits will focus on access, quality, and productivity
- Will generally invest in projects of smaller size and shorter duration than other Infoway projects
- Replication/spread/shared learnings is key

2 Streams of Innovation Projects

"Accelerate" Projects

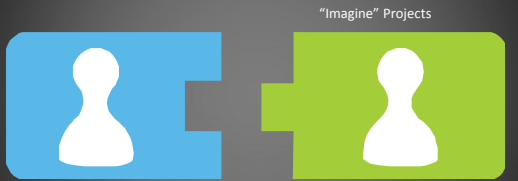


To systematically test and develop potential future initiatives with proven value for clinicians and patients

Accelerate Demonstration Projects

- Builds on previous programs
- Seeking projects potential to spread clinical value
 - Active users by Oct 2012 & finish by Oct 2013
 - Total Infoway investment < \$1 million
 - Confirmed funding source to contribute at least 25%
 - Where applicable, support from the relevant jurisdiction
 - Six program focus areas
- General criteria
 - Tangible value, supports program goals, showcases the "potential", compatibility with investment principles

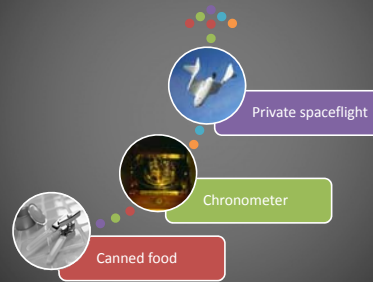
2 Streams of Innovation Projects



"Imagine" Projects

To support and trial novel innovations with strong potential to deliver value for clinicians and patients

Learning from History



Why include Challenges in a Modern Innovation Program?

- Long history as mechanism to encourage innovation
- Gaining popularity for inciting innovations with social benefit
 - Gates Foundation Grand Challenges
 - IDRC, Royal Bank in Canada
 - Under consideration by US Office of the National Coordinator
- McKinsey: useful when objective is clear but way of achieving it is not
- Harness energy of wide variety of potential innovators
- With appropriate structure, can promote spread of innovations

Getting Everyone Involved: ImagineNation Challenges



Imagine an innovative approach to make our health and health care better using information or communications technologies – what's your idea?

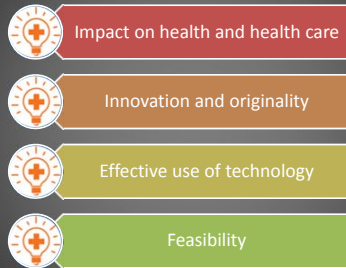
Submit an Idea

- 1 Think of an idea
- 2 Register online
- 3 Title and summarize your idea
- 4 Describe your idea (2 pages PDF)
- 5 Support your idea
- 6 Review and submit
- 7 Tell your friends!

ImagineNation Ideas Challenge Timelines

Submissions Accepted	March 31 – May 15, 2011
Evaluation Round 1	May 17 – May 30, 2011
Evaluation Round 2	May 31 – June 27, 2011
Canadian Voting Period	May 31 – June 27, 2011
Winners Announced	July 5, 2011

Judging Criteria



Why Take Part?

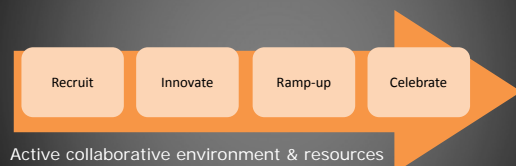
- Contribute to better health & health care
- Exposure for your ideas
 - Prestigious judging panel
 - Public voting
 - Infoway & others to promote leading ideas
- Cash prizes: more than \$35,000

Next: From Ideas to Results

ImagineNation Outcomes Challenges

- More than \$1 million set aside based on results
 - First to demonstrate working solutions
 - Usage of solutions
- Timing
 - Sign up for updates now
 - Challenges run September 2011 to March 2013
- 2 clinical & 2 consumer focus areas

Structure of a Challenge



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www.imagineNationchallenge.ca



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