One Patient, One Record, One Quagmire

Dr Douglas Kingsford
CMIO, Interior Health Authority
IMITSC, HISSC, IPSSC, JCC IM/IT CAWG, Canada Health Infoway DHASC

Focus on Standards

Guidelines around privacy framework

Billing code discussions

Provincial work on Shared Care Plans; Care coordination using messaging

Identity – Provider Location Registry integration

Secure network, Authentication

PharmaNet integration (Meditech, Cerner, CareConnect)
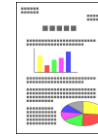
Emerging QI tools from HDC, CPCSSN, Telus; PSP dashboard

IHA/NHA leading interoperability with

CDX
Clinical Data eXchange

Your EMR: Improved integration

Log into portal/CIS; Launch CareConnect in context from EMR
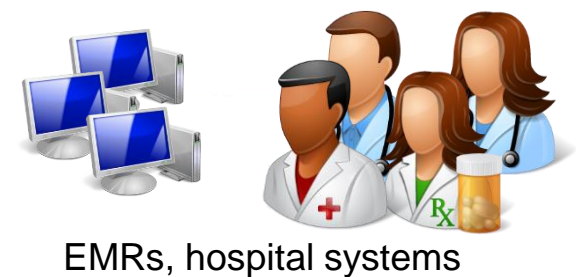
Bi-directional cross-vendor messaging

Some can upload content to portal, CIS

Access info; exploring link to EMRs
- eReferral, eConsult
- Clinical summaries
- Narrative care plans
- Notifications

Structured data (eg. ECG)

CareConnect
UCI, other portals
Cerner, Meditech

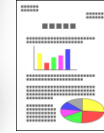Patient portals, PHRs, virtual care

EMRs, hospital systems

Harmonized Privacy Legislation

Nobody holds Entire Record

Supportive Payment Model

Care coordination, workflow

Reporting, Analytics

Identity, Relationships

Role-based Access Control

Coding

Security, Authentication

Event Notif...

Integrated with E...

Web-based apps, decision support, other systems

Retrieve records, data ("pull")

Examples:

- Within your practice

- Across the patient's journey

- Across populations

- Around specific interventions

- Learning system →
  feedback into workflows, guidelines

- What appointments have already been made?
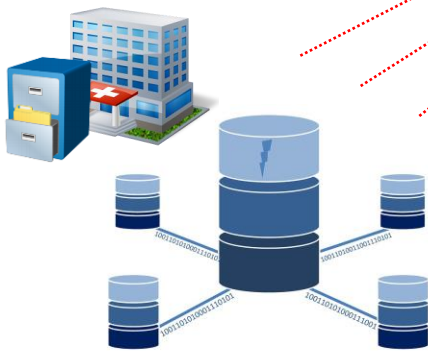
- Results carrying automated follow-up

...ional systems

IHE XDS

Regional repositories, ?EMRs

Patient portals, PHRs, apps, virtual care

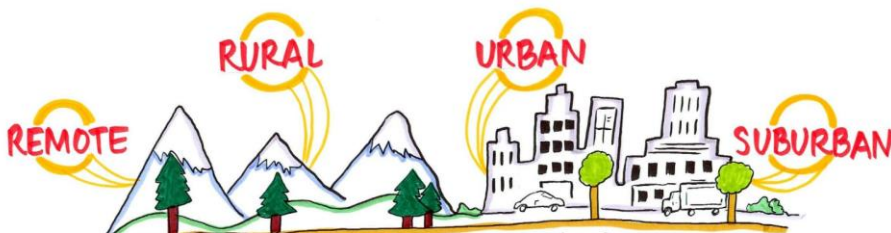EMRs, hospital systems

Roadmap Summary

Short-term	Longer-term

Short-term

- Mainly human-readable data
- 2-way communication
- Transitional use of portals
- eReferral
- eConsult
- Clinical summaries
- Narrative shared care plans

Longer-term

- Distributed data access → virtual single record
- Machine-readable data
- Managed workflow
- Seamless ecosystem of EMRs, portals, virtual care
- Embedded decision support
- Advanced analytics

RURAL URBAN

REMOTE SUBURBAN

→ Questions