One Patient, One Record, One Quagmire

Dr Douglas Kingsford
CMIO, Interior Health Authority
IMITSC, HISSC, IPSSC, JCC IM/IT CAWG, Canada Health Infoway DHASC
Your EMR: Improved integration

- Bi-directional cross-vendor messaging
- Structured data (eg. ECG)
- eReferral, eConsult
- Clinical summaries
- Narrative care plans
- Notifications

Guidelines around privacy framework

- Secure network, Authentication
- PharmaNet integration (Meditech, Cerner, CareConnect)

Billing code discussions

- Log into portal/CIS; Launch CareConnect in context from EMR
- Some can upload content to portal, CIS

Focus on Standards

- Identity – Provider Location Registry integration

CareConnect
UCI, other portals
Cerner, Meditech

EMRs, hospital systems
Patient portals, PHRs, virtual care

Provincial work on Shared Care Plans; Care coordination using messaging

Emerging QI tools from HDC, CPCSSN, Telus; PSP dashboard

IHA/NHA leading interoperability with CDX
Clinical Data eXchange
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 Notification

Integrated with EMR

Web-based apps, decision support, other systems

Retrieve records, data (“pull”)

IHE XDS

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

Regional repositories, ?EMRs

Patient portals, PHRs, apps, virtual care

EMRs, hospital systems
Roadmap Summary

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

→ Questions