Closing Gaps in Clinical Care for Ontarians
eHealth Conference 2015

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Presented By:

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Presenter Disclosure

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Relationships with commercial interests:

- Nothing to disclose

What You Will Take Away From This Presentation

- An understanding of how ConnectingGTA is closing the current gaps in regional care

- The value of bringing together diverse stakeholder groups with different needs and perspectives to shape one common vision

- How we translated clinical requirements into design;

  - Search Functionality

  - Patient Care Timeline

  - Portlet Summary View

  - User Customization

  - My Patient List

CONNECTING **GTA**

ConnectingGTA will **improve** the patient and clinician experience by **delivering** a regional electronic health record for **6.75 million individuals**
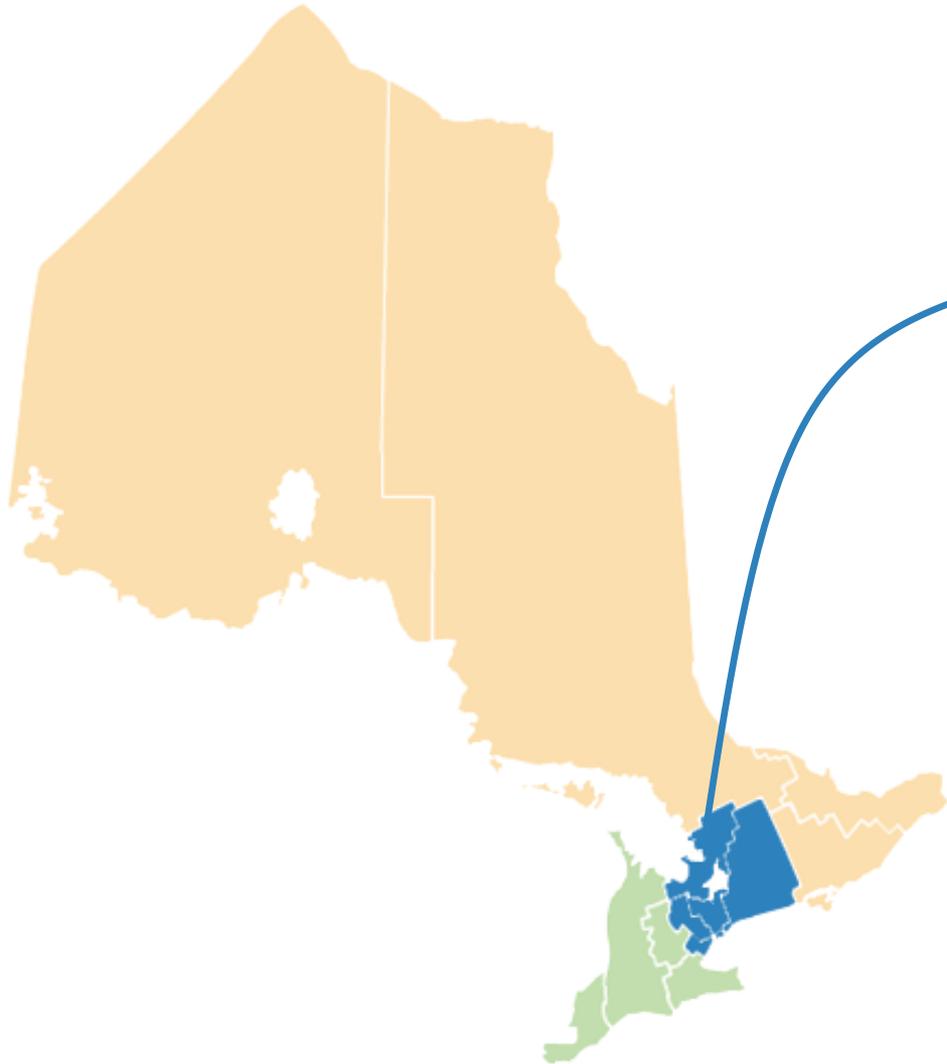
6 Local Health Integration Networks

750+ Health Care Organizations

6,200 Family Physicians

6,900 Physician Specialists

49,900 Nurses

All sectors of care:

- Acute Care
- Community Support Services
- Complex Continuing Care
- Long Term Care
- Mental Health & Addictions
- Primary Care
- Rehabilitation

CONNECTING GTA

ConnectingGTA is a hub that connects health service provider information systems as well as regional and provincial registries and repositories

ConnectingGTA

HOSPITAL REPORTS	CCAC DOCUMENTATION	DIAGNOSTIC IMAGING REPORTS	LAB RESULTS	DRUG INFORMATION	PROVINCIAL REGISTRIES**
• **Clinical reports** (CCAC, discharge summaries, emergency department, visits & encounters)		• **Diagnostic imaging reports** (GTA West DI-r*, HDIRS*)	• **Lab results** (Ontario Laboratories Information System*)	• **Drug information** (Data source TBD)	• **Provincial Assets** (Provider Registry, Client Registry, EMPI)

* Indicates a regional or provincial data source to be made available in a future release   ** Post Early Adopter Phase

CONNECTING **GTA**

ConnectingGTA – By the Numbers

~2.4 million patients captured (36% of the region's population)*

~106 million messages captured

    ~50% identified regional acute information captured

    100% identified regional CCAC information captured

    ~75% provincial lab results captured

~40 Early adopter organizations

(**17** organizations populating the CDR)

1239 Clinicians have access

…and increasing every day

* Calculated using the Enterprise Client Identifier (ECID) in the interim ConnectingGTA Client Registry

CONNECTING **GTA**

The ConnectingGTA Approach – Design Principles

Driven by clinicians and clinical priorities across the care continuum

IDENTIFY & COLLECT information (CDR)

Provide **ACCESS** to information (e.g. Provider Portal)

Provide ability to **EXCHANGE** information (HIAL)
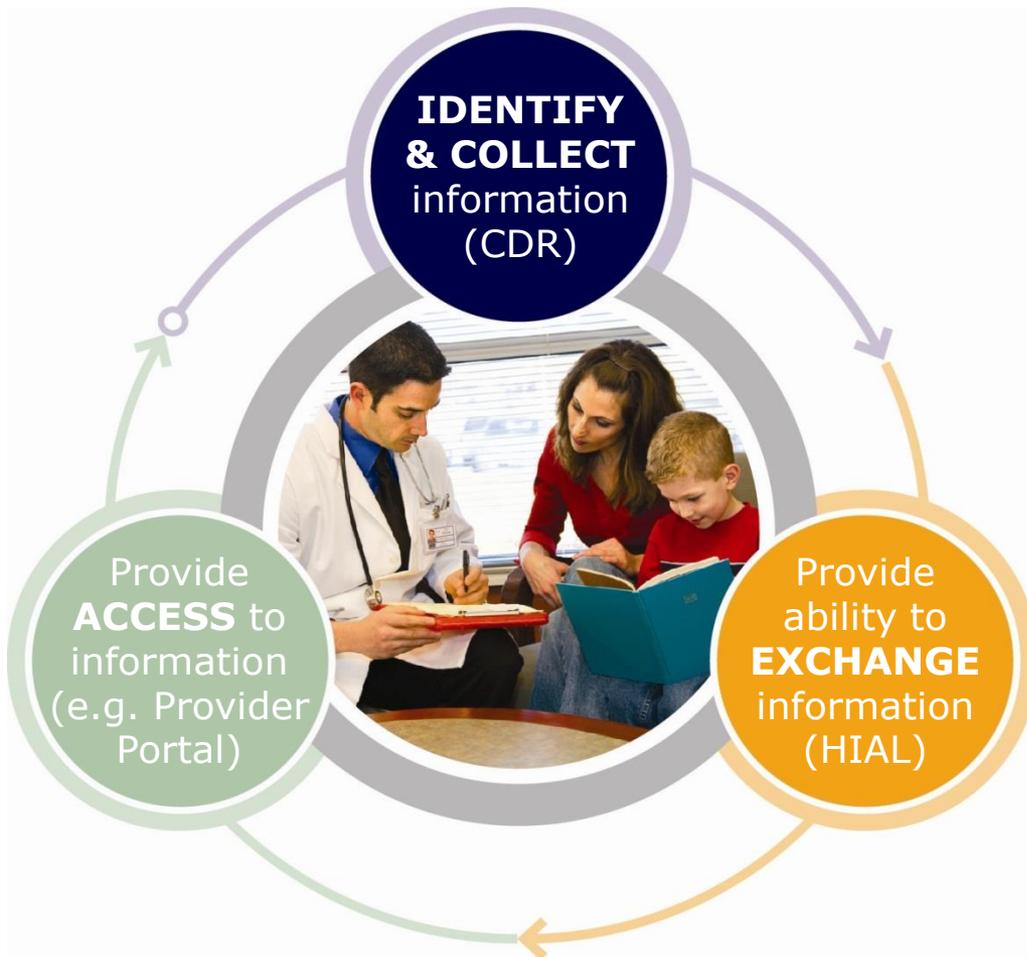
- Information to be shared seamlessly & securely

- Clinicians with point of care access that supports their workflow

- Increase collaboration among clinicians & organizations

- Respecting and contributing to best practices in terms of privacy, stewardship of information & security

- Robust, scalable & reusable platform

CONNECTING GTA

Demonstration

Vision: Seamless access to consolidated patient information across the care continuum

Primary Care
EMR data

Discharge summaries
ED reports

Lab results

CCAC Referrals
LTC Placements

Specialist notes
Specialist referrals

DI results & reports

Medication history

Enabled by CONNECTING **GTA**

and other regional assets

CONNECTING **GTA**
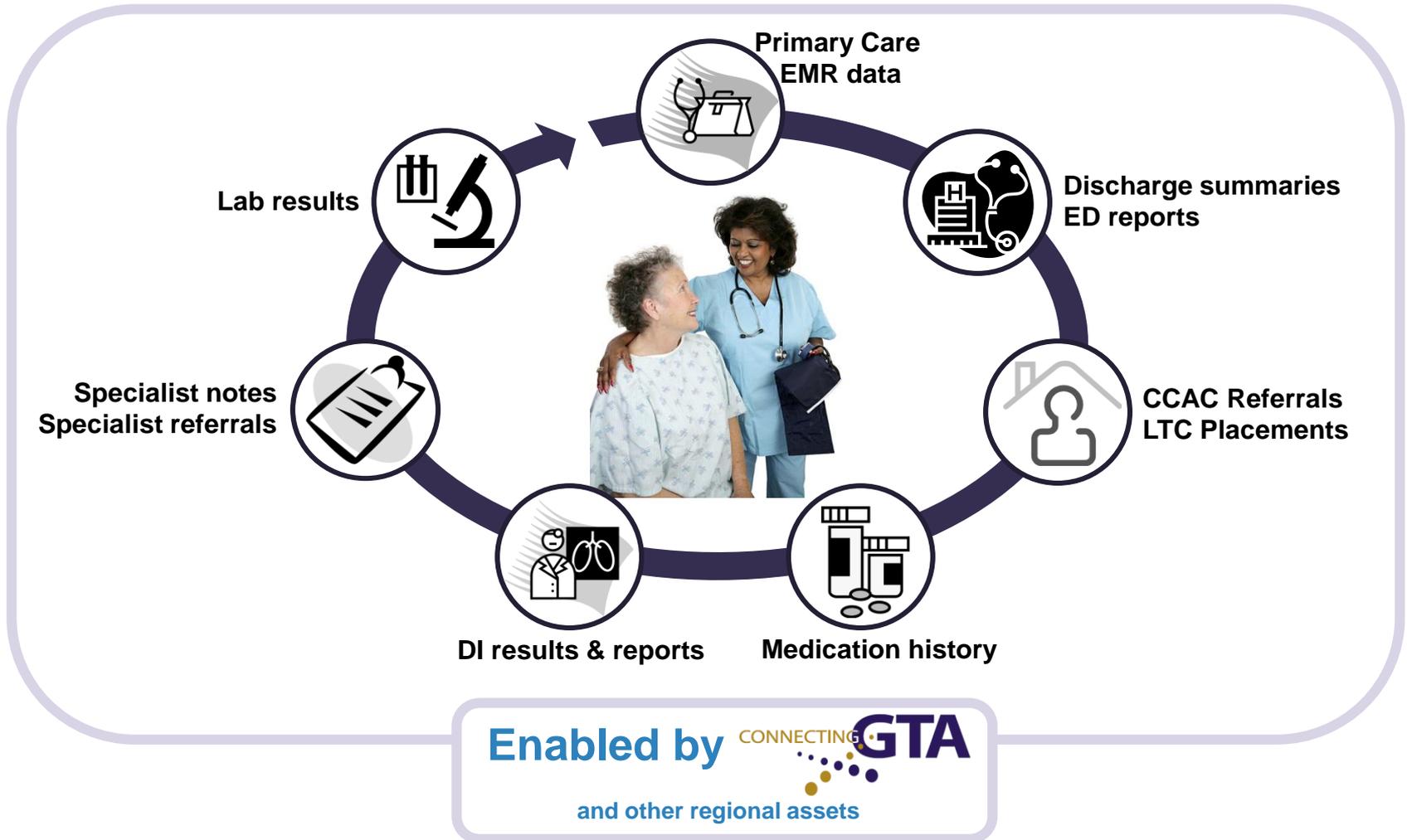
Where We Are and Where We Are Going

	Wave 1 Early Adopters By end of 2015	**Wave 2** Expansion By end of 2016
Data Available (Hospitals and CCAC data - based on IP Admissions & ED visits in GTA)	~50% Acute Data 100% CCAC Data ~75% Lab Results	~80% Acute Data 100% CCAC Data 75%+ Lab Results
Clinical Users	30,000+	40,000+
Number of organizations to benefit	~40 HSPs	~100 HSPs
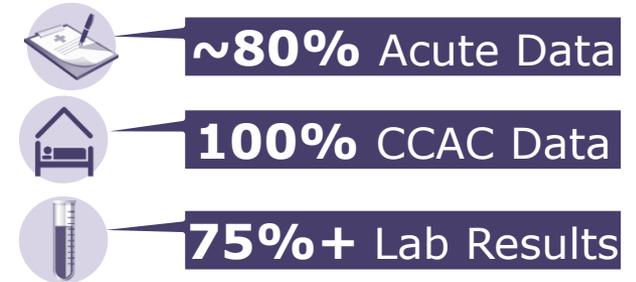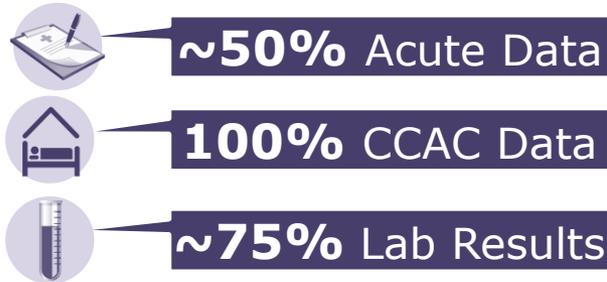
CONNECTING GTA

Expanding to Support Regional Integration – ConnectingGTA & Connecting Northern & Eastern Ontario

+ Connecting Northern & Eastern Ontario

10 Local Health Integration Networks

9.51M individuals

72% of Ontario's population

Platform for Innovation

- The ConnectingGTA Portal is the first web application to build upon this platform, but is only one method to get access to this data

- This platform provides the flexibility to build new applications faster with minimal rework and leveraging the Back End infrastructure

  - Could be built on any platform (such as web applications or portlets)

  - Fully integrated within a hospital information system

  - Accessible on any mobile device

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Thank You!

Questions?

For more information please email ConnectingGTA@uhn.ca or visit
ConnectingGTA at: www.ehealthontario.ca