


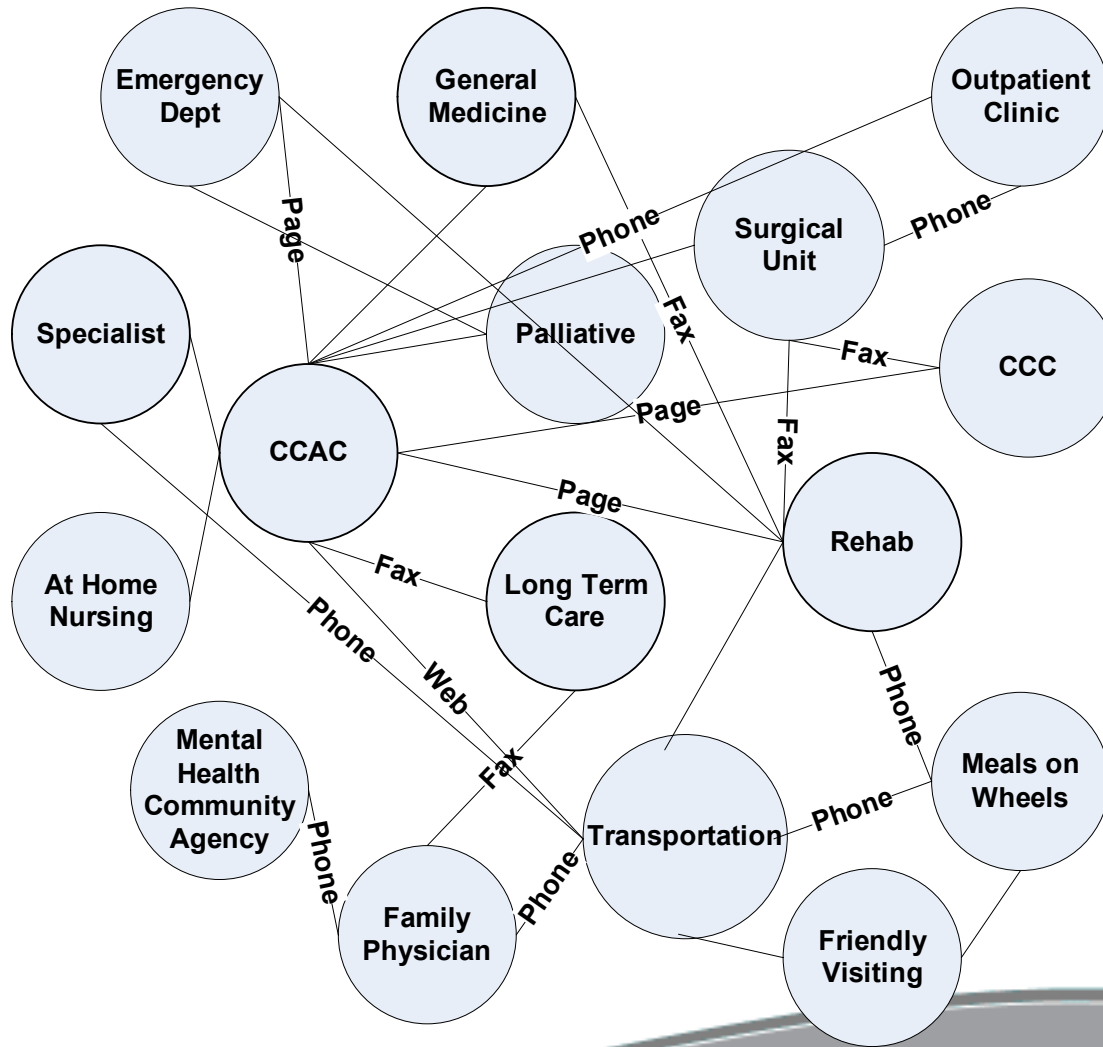
Ontario's eHealth Strategy and the Joint eHealth Strategy of the Central and Toronto Central LHINs

Lydia Lee, eHealth Lead for the Toronto Central LHIN

Outline

- **Current State of Patient Information in Ontario's Health Care System**
 - **eHealth Ontario Strategy**
 - **Central and Toronto Central LHINs Joint eHealth Strategy**
 - **Relating the Benefits and future considerations of eHealth in the context of Primary Care**
- 

A typical patient's journey



Current state of patient information in Ontario's health care system

- Captured by multiple providers, in many locations, and in many formats - largely paper-based;
- Some progress toward the use of Electronic Medical Records (EMR) in primary care practices, but adoption has been slow and uneven;
- Accessing historical information from other care providers is cumbersome - fax, phone;
- Information mostly informs retrospective reviews rather than proactive clinical decision making;
- Limited ability to use broader population-based information to assess quality/performance of one's own practice relative to others' – care gaps.

Ontario's eHealth Strategy 2009-2012

CLINICAL PRIORITIES

Diabetes Management

- Baseline Dataset
- Diabetes Registry
- EMR interoperability with Diabetes Registry
- OLIS interoperability with Diabetes Registry

Medication Management

- ePrescribing Demonstration Project
- Drug Information System (DIS)
- Drug Profile Viewer (DPV)
- Systemic Treatment Computerized Physicians Order Entry (CPOE)

Wait Times

- eReferral and Resource Matching
- Emergency Department Reporting System (EDRS)
- Wait Time Information System (WTIS)

Systems that Support the Clinical Strategy

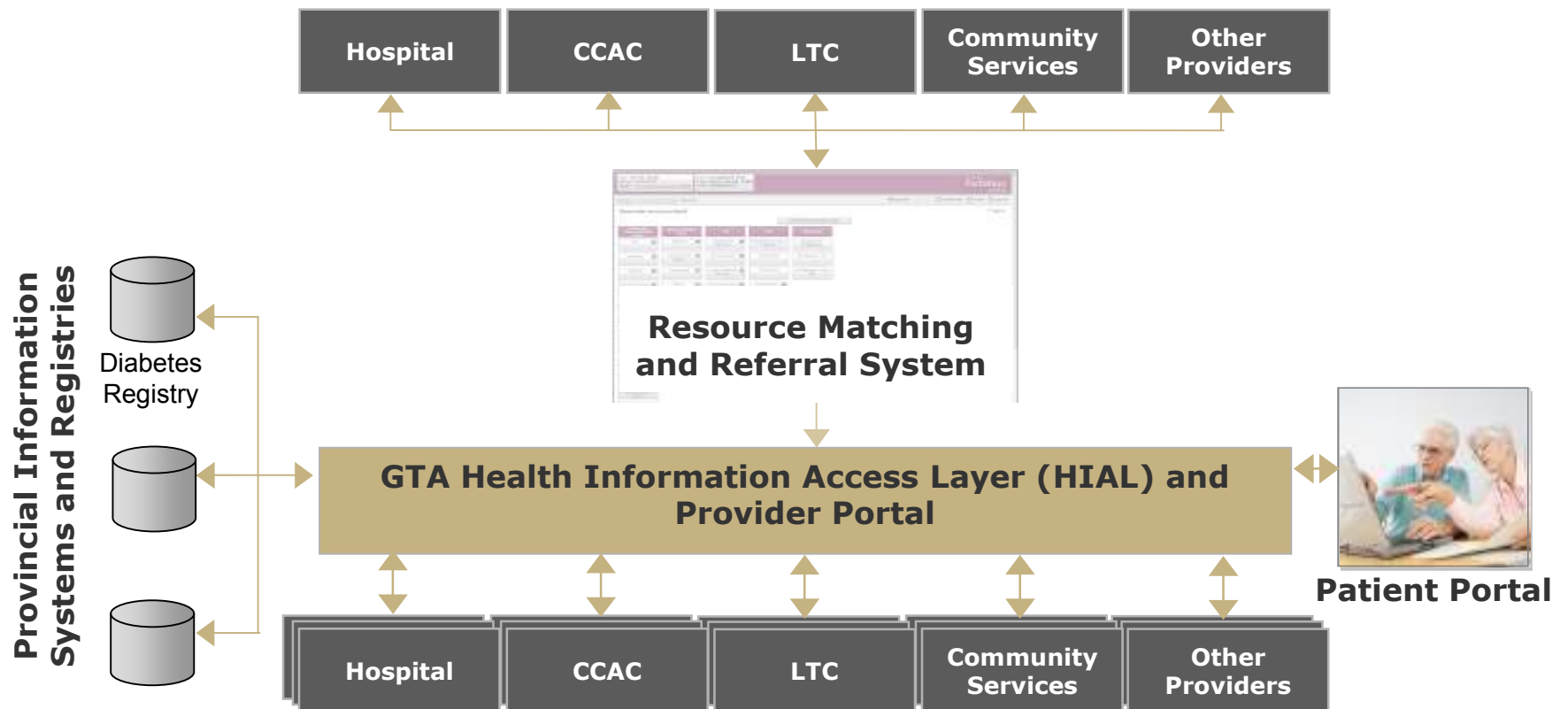
Systems that Support Clinical Operations

Technology Platform & Services

Enabling Capabilities

Central and Toronto Central LHINs: A Joint eHealth Strategy




1. Improve the care process
2. Improve the ability to exchange information across the health system
3. Support patient participation in their health care
4. Support implementation of provincial e-Health initiatives









Patient Results Online (PRO) provides clinicians with a single point of access to patient information from disparate systems











PRO PatientResultsOnline Logout | Change My Password

You are here: [Search for Patient](#) >> [Confirm Patient Identity](#) >> Patient Results

 **DUCK, DONALD** MRN - UHN: 7000135, LifeLabs: N/A, St. Michael's: 4000513, MSH: 804419240, St. Joseph's: 00J0001021, Women's College Hospital: 111
 Health Card -  OHIP: 4492428091, SUNLIFE: 12345,  OHIP: 1231231231

Matching current criteria:  MSH : 48 results found |  St. Josephs : 559 results found |  Womens College : 3 results found
 UHN : nothing found |  LifeLabs : currently unavailable |  SMH : 1 result found

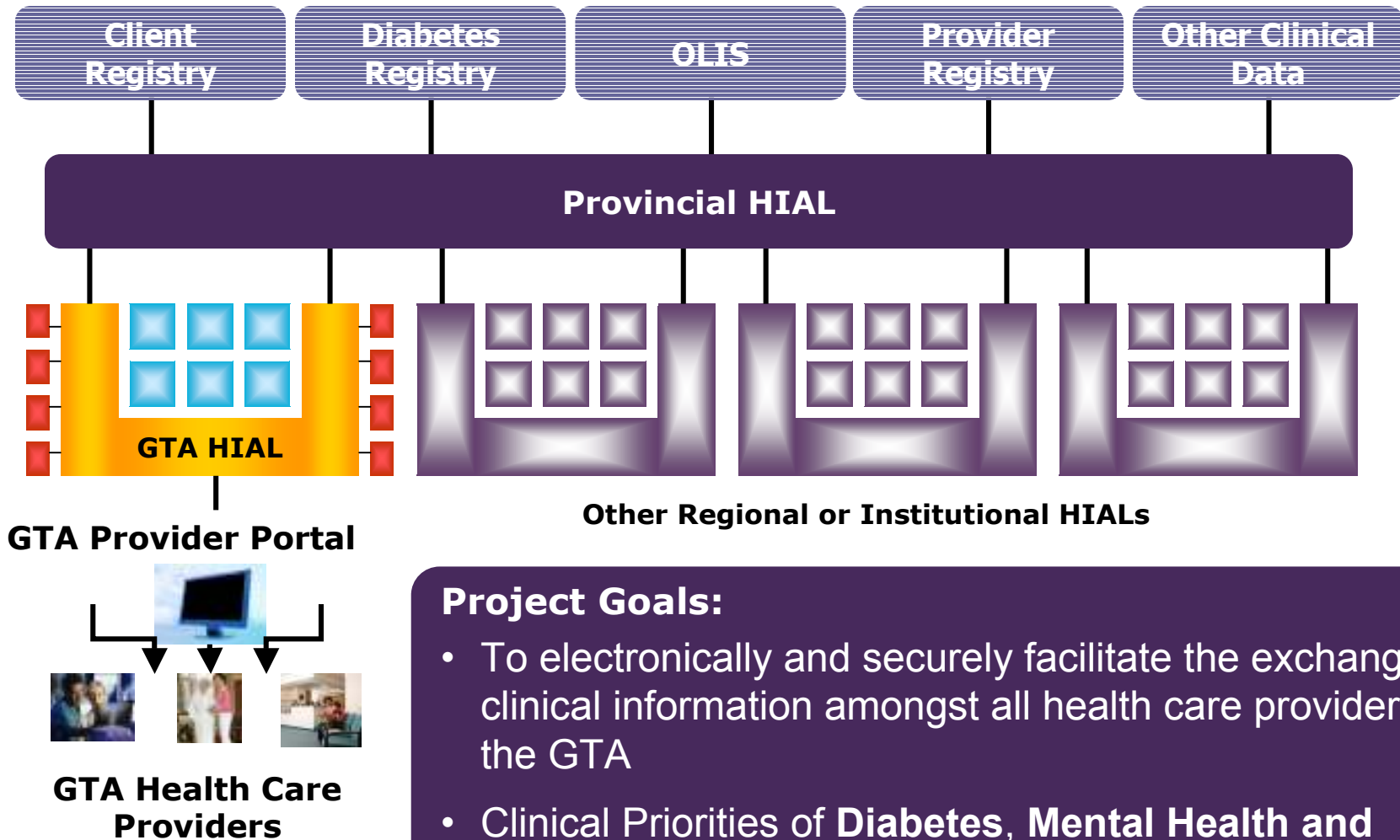
Results: 611 results found

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View Selected	Displaying: Last 10 years ▾		Displaying All ▾	Displaying All ▾	Displaying All ▾
<input type="checkbox"/>	Oct 22 2008 12:31	Discharge Report	Transfer and Discharge Summaries	Incomplete	 St. Michael's - Discharge Summary
<input type="checkbox"/>	Jun 04 2008 14:26	Newborn Screening	Ref-out	Complete	 St. Joseph's - Labs
<input checked="" type="checkbox"/>	Jan 17 2008 11:03	Culture - Blood	Microbiology	Complete	 St. Joseph's - Labs
<input type="checkbox"/>	Jan 04 2008 11:22	Culture - Fluid	Microbiology	Complete	 St. Joseph's - Labs
<input type="checkbox"/>	Jan 04 2008 11:20	Culture - Fluid	Microbiology	Complete	 St. Joseph's - Labs
<input checked="" type="checkbox"/>	Jan 04 2008 11:08	Culture - Fluid	Microbiology	Complete	 St. Joseph's - Labs
<input type="checkbox"/>	Jan 04 2008 11:08	Culture - Fluid	Microbiology	Complete	 St. Joseph's - Labs
<input type="checkbox"/>	Dec 11 2007 09:44	INR Profile	Hematology and Biochemistry	Complete	 St. Joseph's - Labs
<input checked="" type="checkbox"/>	Dec 11 2007 09:44	PTT Profile	Hematology and Biochemistry	Complete	 St. Joseph's - Labs
<input type="checkbox"/>	Dec 11 2007 09:44	Sed Rate	Hematology and Biochemistry	Complete	 St. Joseph's - Labs

Displaying: First | <<Prev| **Oct 22-Dec 11** | [Dec 11-Dec 11](#) | [Dec 11-Nov 29](#) | [Nov 27-Oct 04](#) | [Oct 04-Aug 08](#) | [Aug 08-Jul 23](#) | [Jul 23-Apr 12](#) ... | [Next](#)>> | Last |

Show: 10 ▾ results per page

GTA Health Integration Access Layer (HIAL)



Project Goals:

- To electronically and securely facilitate the exchange of clinical information amongst all health care providers in the GTA
- Clinical Priorities of **Diabetes, Mental Health and Addictions**, and **Seniors Care** will drive the early clinical value

Resource Matching & Referral (RMR) identifies the most appropriate programs/services and available capacity at receiving organizations

User: **Seaton, Terra**
Acting on behalf of:
TGH - 13 ES General Medicine

Client: **LHIN, Rehab Demo**
Birthdate: **Jan 01, 1940**
OHIP: **999999999 XX**

PathWays
Referral

Main Page > Referrals and Profiles > Referrals

go back help main page home log out

Please select service provider(s). Legend

Client does not match Short wait (0-6 days) Moderate wait (7-30 days) Long wait (31+ days) Static service provider

Selected provider Referral is pending Referral is accepted Referral is denied Subcategory

Rehab	CCC
ABI	General CCC Services
Amputee	Palliative Care
Cardiac	Dialysis Services
Chronic Ventilation	Neuro Complex Care
General / Medical	Bridgepoint Complex Care - Medical Activation

Send Referral (Step 2 of 3)

The Diabetes Management eHealth strategy requires a Diabetes Registry supported by a Baseline Diabetes Dataset to be successful

Baseline Diabetes Dataset Initiative

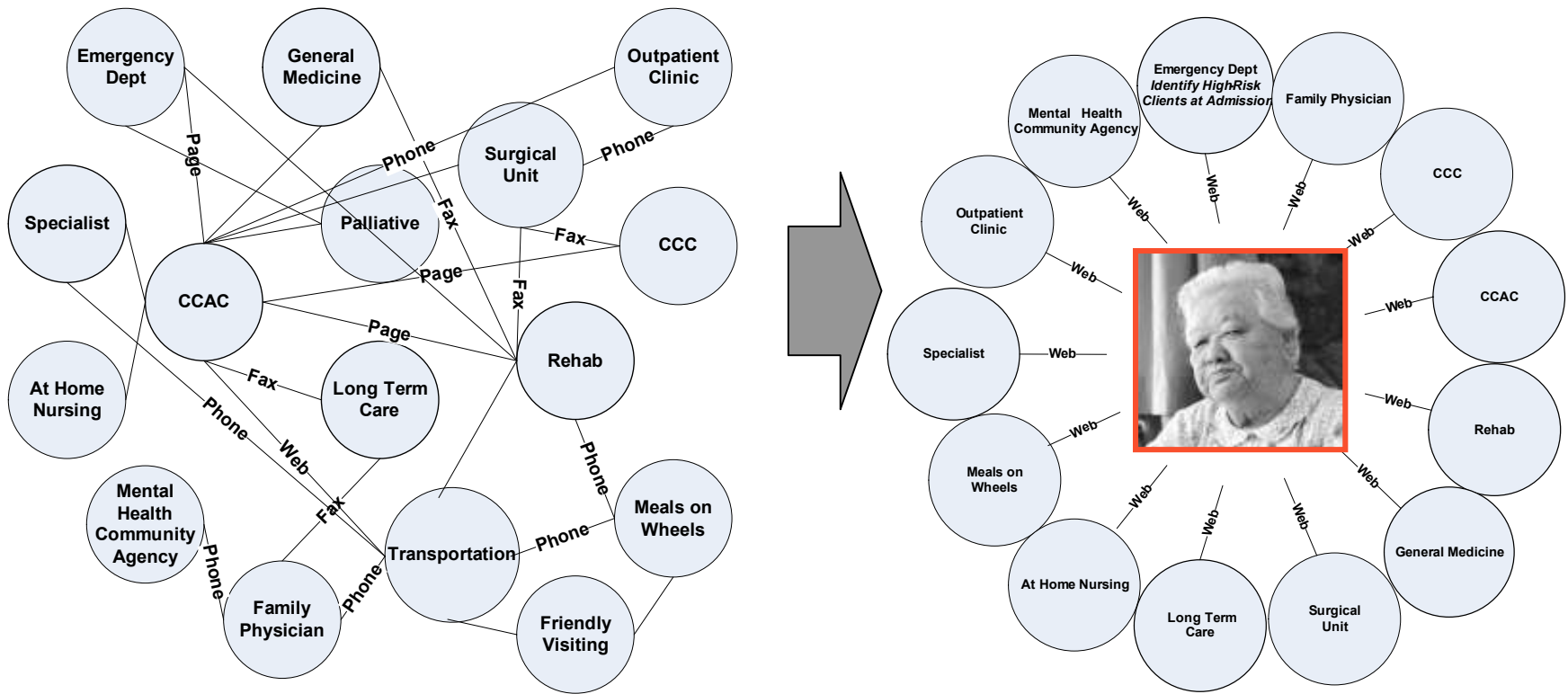
- **One-time** process to identify Ontarians with diabetes and match them to their primary care providers; and
- Provides physicians with an **initial** report on timeliness of A1C, LDL, and retinal exam

Provides baseline dataset for Registry

Diabetes Registry

- Designed to identify new patients with diabetes on a **continuous basis** to help both providers and patients manage diabetes care according to evidence-based guidelines
- Integrates with other systems to consolidate and update diabetes indicators in a timely manner
- Provides reports that support improved diabetes care
- Highlights alignment with evidence-based standards of diabetes care to physicians, LHINs, and the Province

eHealth will connect the community of health care providers to support more seamless care for patients



Benefits of eHealth to your practice?

- Improved clinical decision support
 - Increased access to patient information in a timely manner - labs, medication profile, diagnostic images, discharge summaries/ cumulative patient profile;
- Alerts to prompt best practice care and appropriate follow-up for patients;
- Ability to communicate and share information electronically with other providers in the circle of care;
- Patients are credibly informed and prompted to take action in support of their own care;
- Your patients will receive higher quality and more appropriate care across the health care continuum;
- Health system decision makers (LHINs, MOHLTC) have information to make appropriate resource allocation and policy decisions.

Patients with chronic diseases receive evidence-based care to improve health outcomes and quality of life

Relating eHealth to primary care

- Clinician input will be critical through all stages of planning, design, testing and implementation of the various initiatives to ensure that benefits are clearly achievable
 - IT support model(s) will need to be carefully planned to ensure continuity of service
 - Good privacy and security practices will be essential to protect information
- 