

Improving Care Through the Use of Technology in Waterloo Wellington

MED TECH 2016

Mohamed Alarakhia, MD

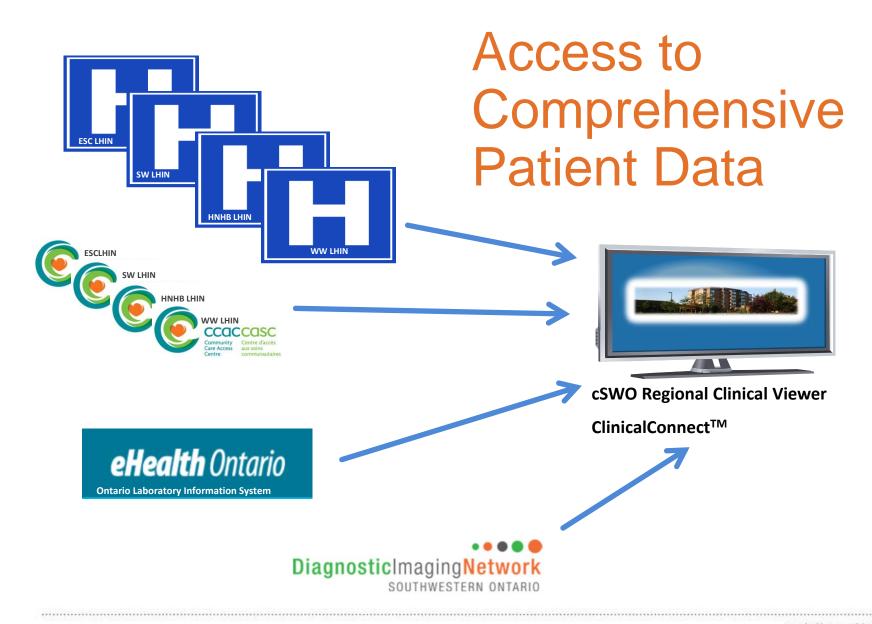
Outline

- eHealth Centre of Excellence
- Electronic Health Record
- Transfer of Patient Data between Information Systems
- Electronic Referrals
- Telemedicine and Telehomecare
- Improving Data Quality and Clinical Decision Support
- Digital Order Sets



eHealth Centre of Excellence





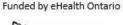












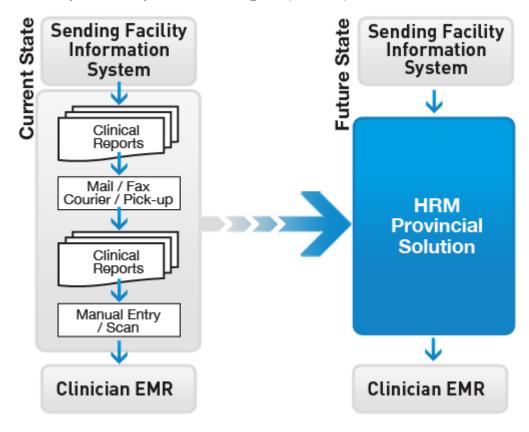


Supporting Transitions in Care – Direct Booking and HRM





Hospital Report Manager (HRM)



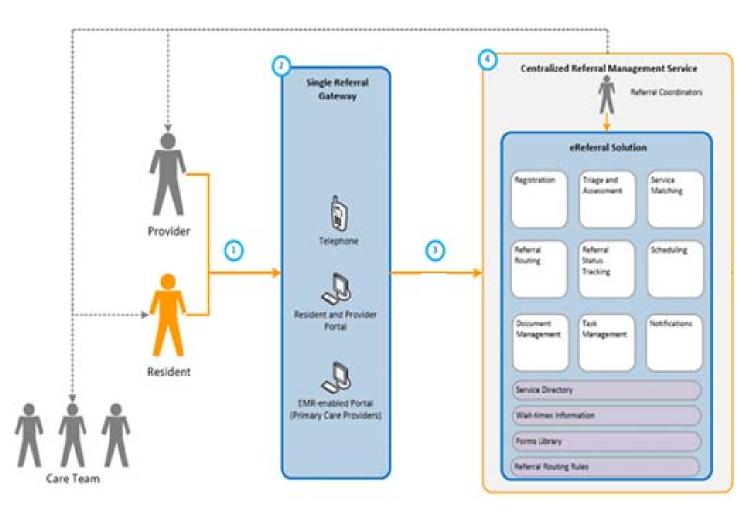








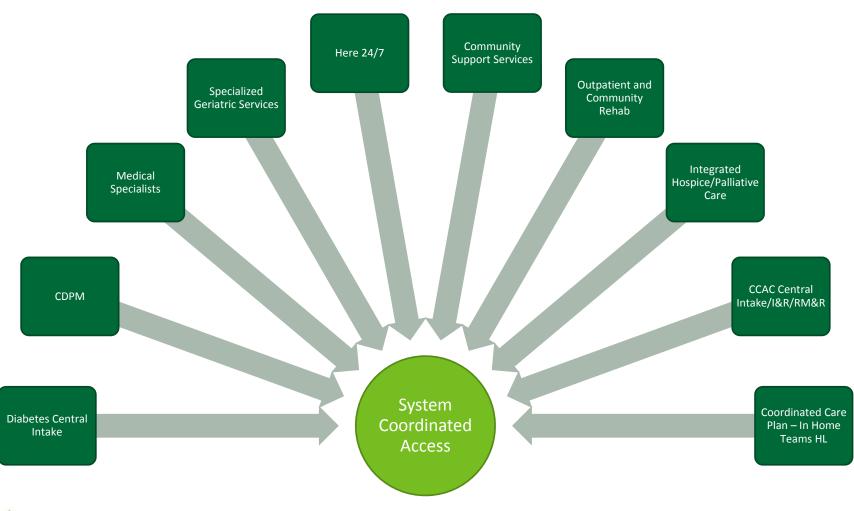
System Coordinated Access – Equitable Referral







SCA Referral Pathways







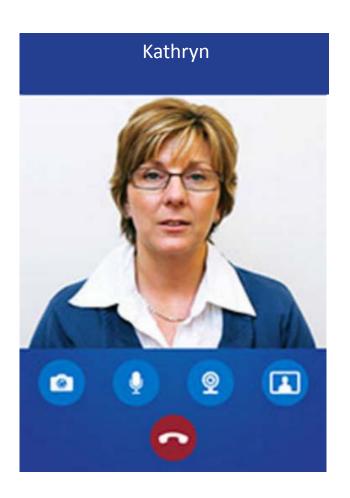
Increasing Access to Specialists through Telemedicine





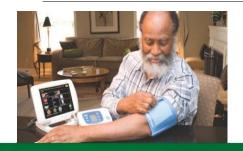


Connecting with Caregivers





Telehomecare



Patient

Confident self management





Telehomecare Nurse

Monitoring and coaching



Technology

Early intervention, reinforced behaviour change



Care Team

Collaborative care



Electronic Medical Record Data

The Primary Health Care Voluntary Reporting System (PHC VRS) was decommissioned by the Canadian Institute for Healthcare Information.

"This initiative showed that most EMR data was free text, making data extraction and analysis labour-intensive and unsustainable on a large scale."



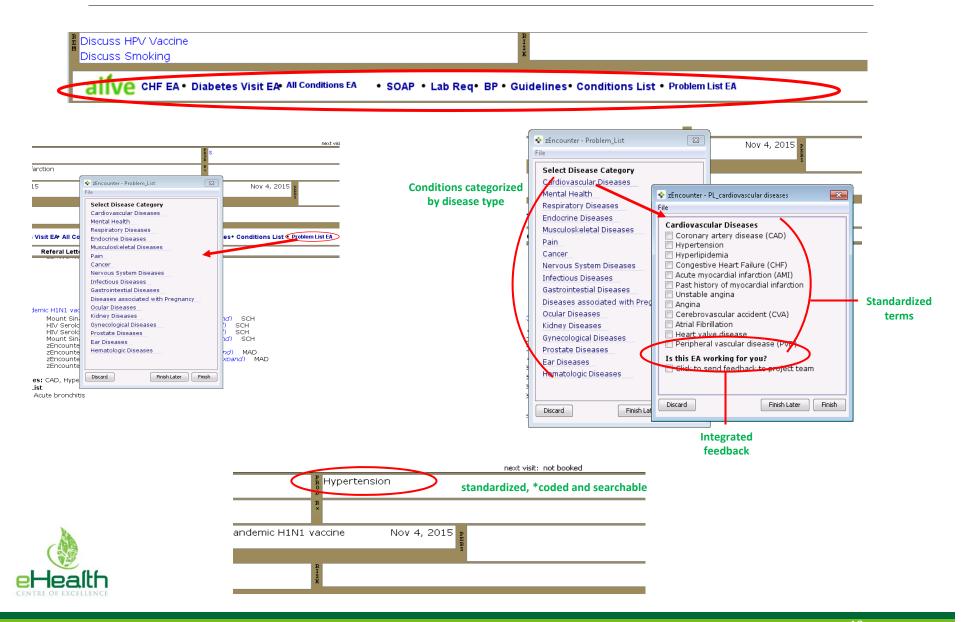


Project Synergy Partners

cSW0 New Vision FHT Guelph FHTAOHC
Wat Region FHO Manitoba PIN InitiativeNorth York FHT
Cancer Care Ontario East Wellington FHT Sunnybrook FHTP Prompt
Wat Reg NP Led Clinic Andrew St FHO University of Waterloo
Mount Forest FHTSW CCAC Partnering For Quality Centre for Family Medicine
Canada Health Infoway COACHNorthfield@the Boardwalk FHO
Langs CHC Ontario Medical AssociationMcMaster University WWLHIN
eHealth Ontario CMHA WWDHealth Quality Ontario
WW CCACICES EMRALD CIHIConestoga College Cognisant MD
OntarioMD ENCODE FMCPCSSN

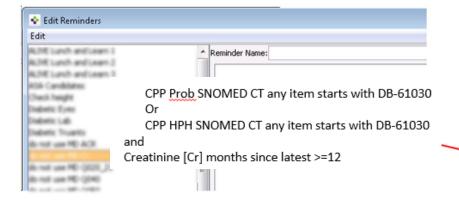


Click and Code Data Standardization



Enhanced Patient Care Opportunities

Opportunity to use teams to enhance patient care through the use of Medical Directives and standardized process flow/ EMR Information.







Changing Practice Using Data



109 % increase in creatinine tests



82% decrease in unvaccinated CHF patients



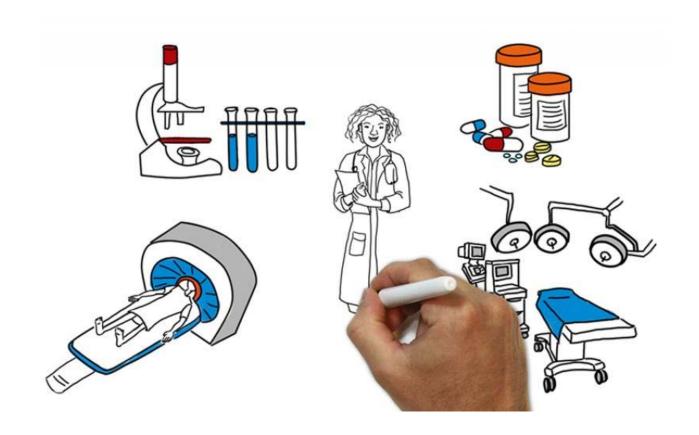
91 clinicians using standard CDPM templates



3 options for Primary Care to pursue EMR value



Digital Order Sets





Thank you





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