Supporting Care: Developing a Strategy for E-Integrated Care Plans

National Community Health Nurses
of Canada Conference
St. John's, NL, May 30 - June 1, 2016

©Canada Health Infoway 2016

Objectives

- In this concurrent session, participants will gain an understanding of:
  - E-Integrated Care Plans (e-ICPs).
  - Key findings from National Survey of Canadian Nurses: Use of Digital Health Technologies in Practice.
  - The Pan-Canadian Nursing EHR Business and Functional Elements Supporting Clinical Practice Reference Document - supporting nurses to *"move the needle."*

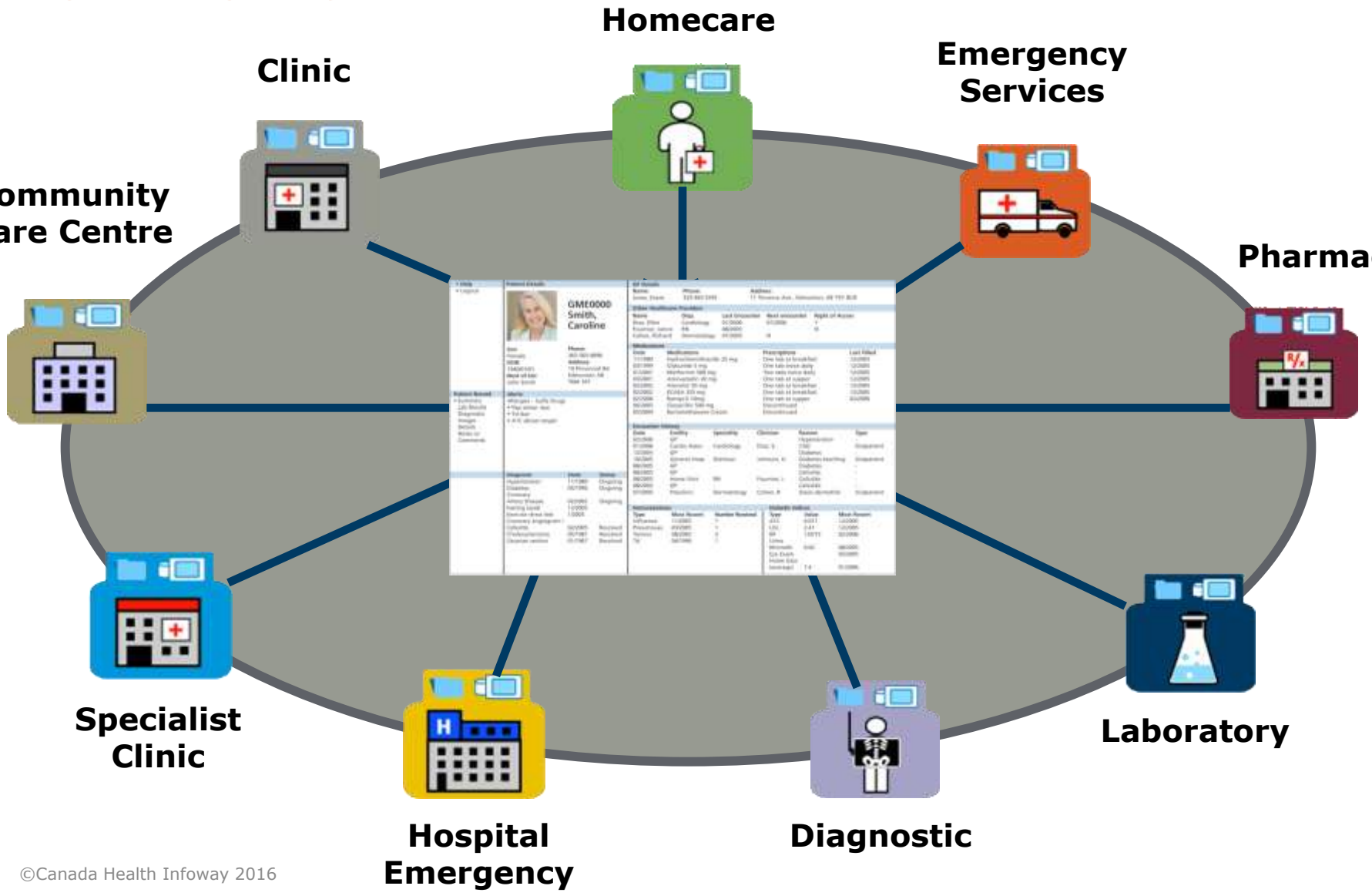
©Canada Health Infoway 2016

Who and what is *Infoway*?

With our partners, *Infoway* helps accelerate the development, adoption and effective use of digital health solutions across Canada

©Canada Health Infoway 2016

Points of care



©Canada Health Infoway 2016

Evolving Focus of Peer Networks

Choosing and using

- Optimizing use
  - Advanced clinical e-functions & patient e-services (consumer health solutions)

Clinical e-functions			Patient e-services	
e-Prescribing	e-Consult	e-Referral	e-Booking	e-Visits
e-Med Rec	e-Synoptic Reporting	e-Clinical Decision Support	e-Views	e-Prescription Refill
e-Notifications	CPOE	e-Integrated Care Plan	e-Remote Patient Monitoring	e-Prescription Renewal

Advancing Collaborative Practice and Person Centered Care through e-Integrated Care Plans

- "e-Integrated Care Plans" is an emerging area that has been identified as very important and valuable by patients and clinicians.

- *An e-integrated care plan is an information and communication tool that allows all appropriate and authorized health care providers from across the continuum of care and the patient, authorized family/significant other to have access and to contribute to an integrated plan of care that may include health conditions, goals, interventions and target dates for evaluation.*

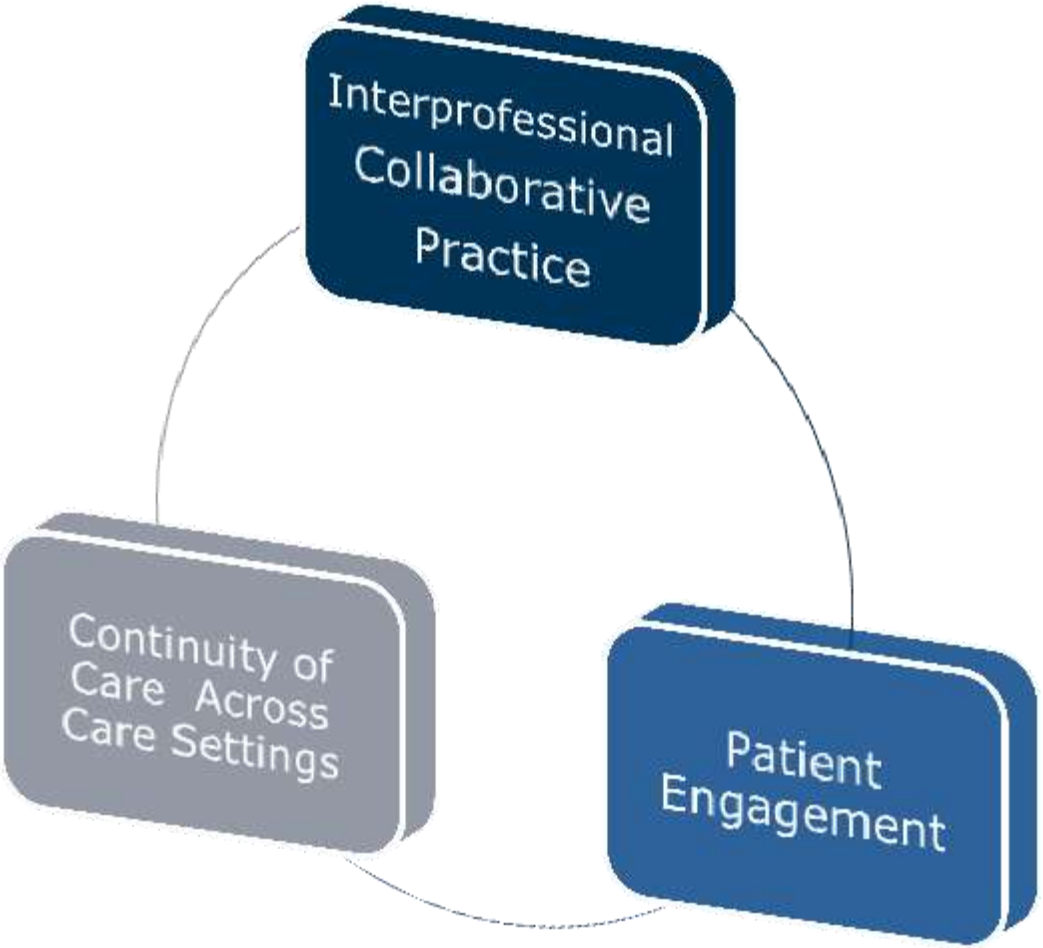
**family refers to "person(s) who are related in any way including immediate relatives and other individuals in the patient's support network. The patient defines the makeup of their family, and has the right to include or not include family members in their care, and redefine the makeup of their family over time (adapted from Accreditation Canada)*
(Revised 2015 Infoway Clinical Council and Reference Groups
Clinical Adoption Blueprint 2011 Definition)

©Canada Health Infoway 2016

Alexa’s Perspective

©Canada Health Infoway 2016

e-Integrated Care Plan



©Canada Health Infoway 2016

What is the future state of e-ICPs?

Patient self-management

Bridge information gap & consolidate relevant information

Evolution of patient/family & provider therapeutic relationship/ roles

Inter-professional collaboration within & across organizations

Alignment of care planning with patient/family goals

Sustainable healthcare system informed by patient/family feedback

©Canada Health Infoway 2016

National Nurses Survey

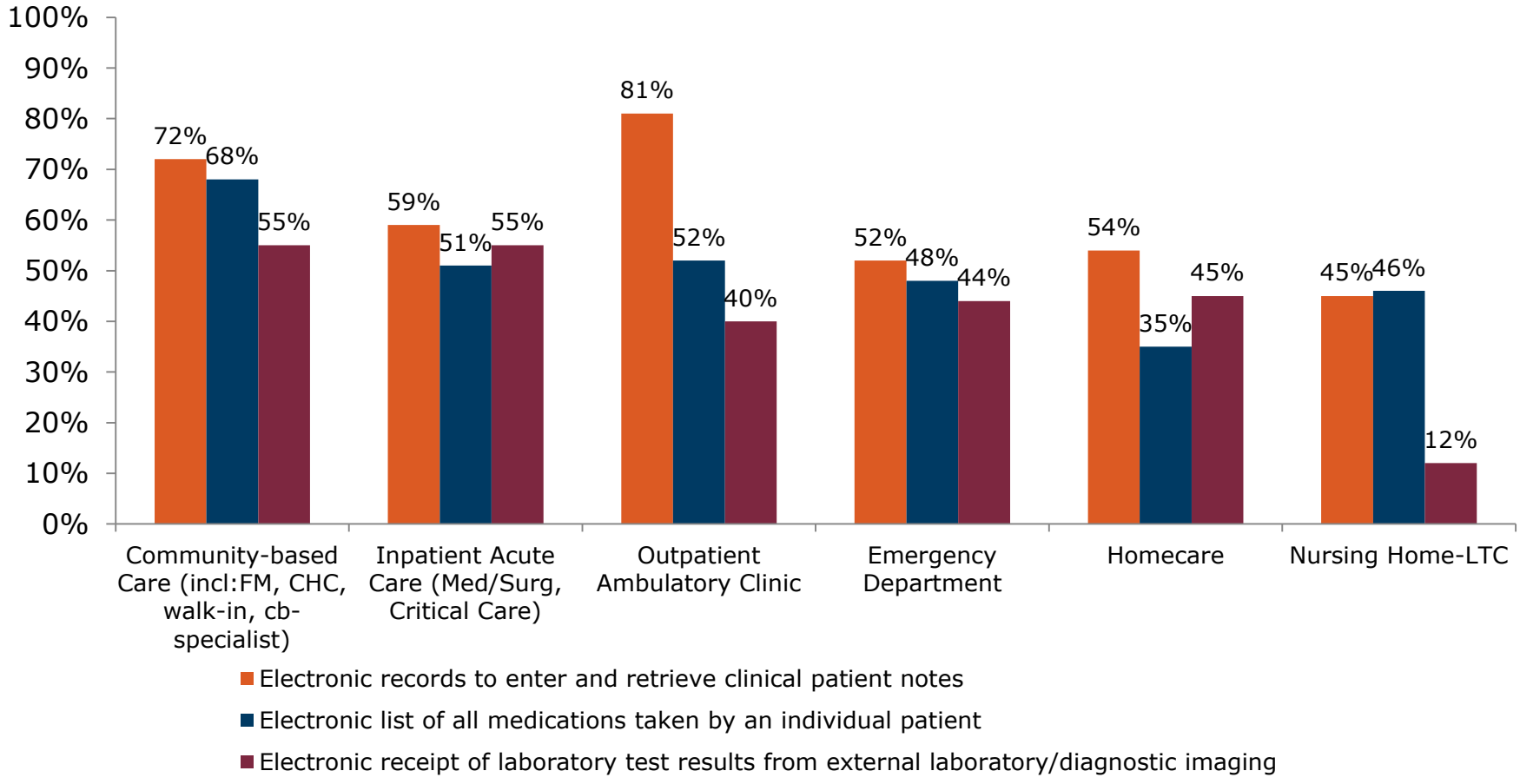
http://bit.ly/nursessurvey

- Canada Health Infoway, in partnership with the Canadian Nurses Association (CNA)
- Total of 1,690 surveys were completed in English and French in 3 weeks between February-March, 2014
- Results in the final report are based on those in clinical nursing only (n=1,094).

©Canada Health Infoway 2016

Nurses use of electronic functionalities:

Accessing/Viewing Results (Information) and clinical documentation



©Canada Health Infoway 2016

Source: National Nurse's Survey 2014

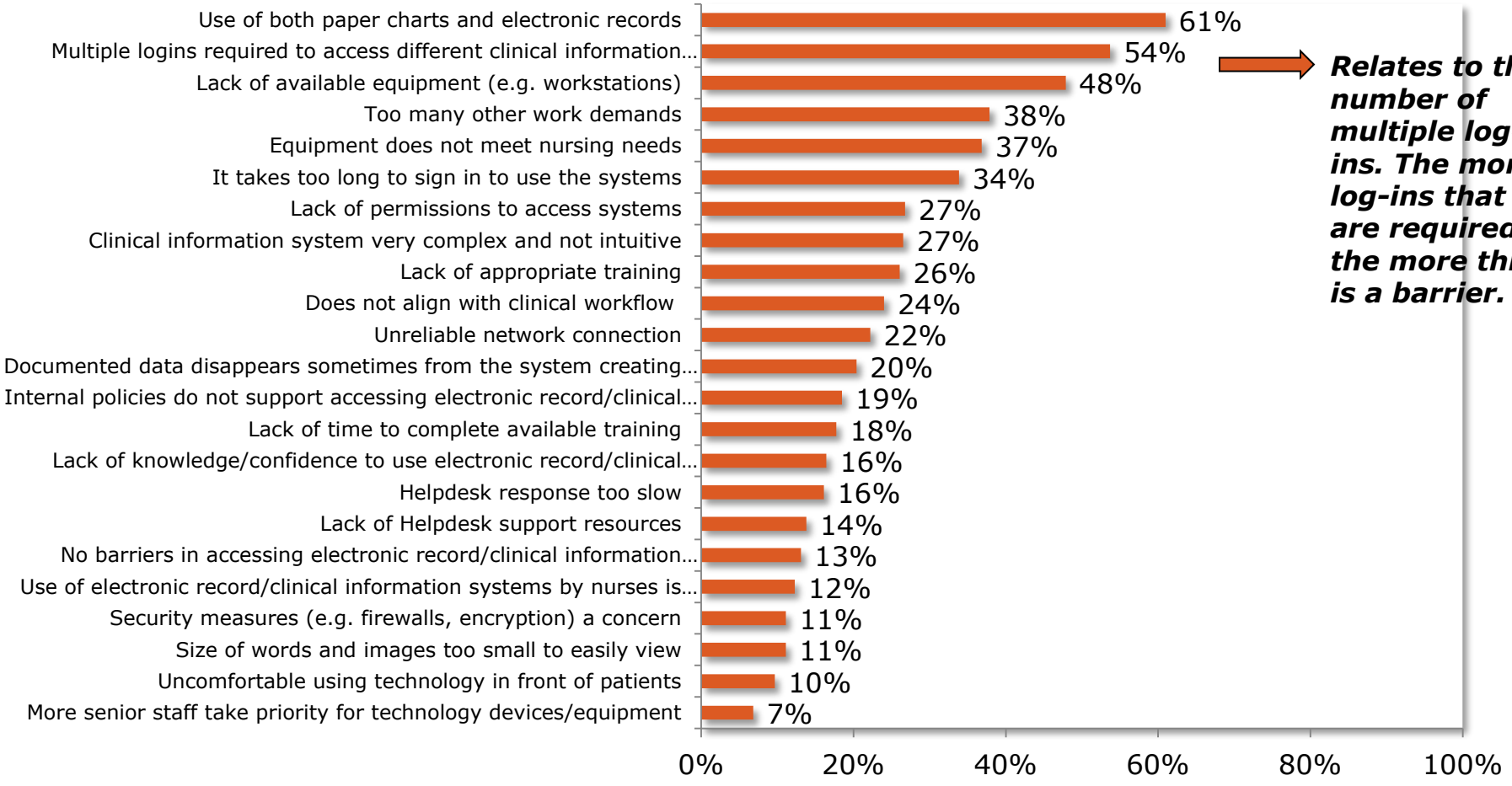
What are Canadian Nurses Saying

- 83% of Canadian nurses are comfortable using digital health tools in practice
- 78% feel that digital health tools could improve continuity of care
- 72% feel that digital health tools could improve patient safety

©Canada Health Infoway 2016

Source: National Nurse's Survey 2014

What barriers currently exist to prevent you from accessing or getting full value from your electronic record/clinical information systems in your MAIN patient care/practice setting?
Check all that apply



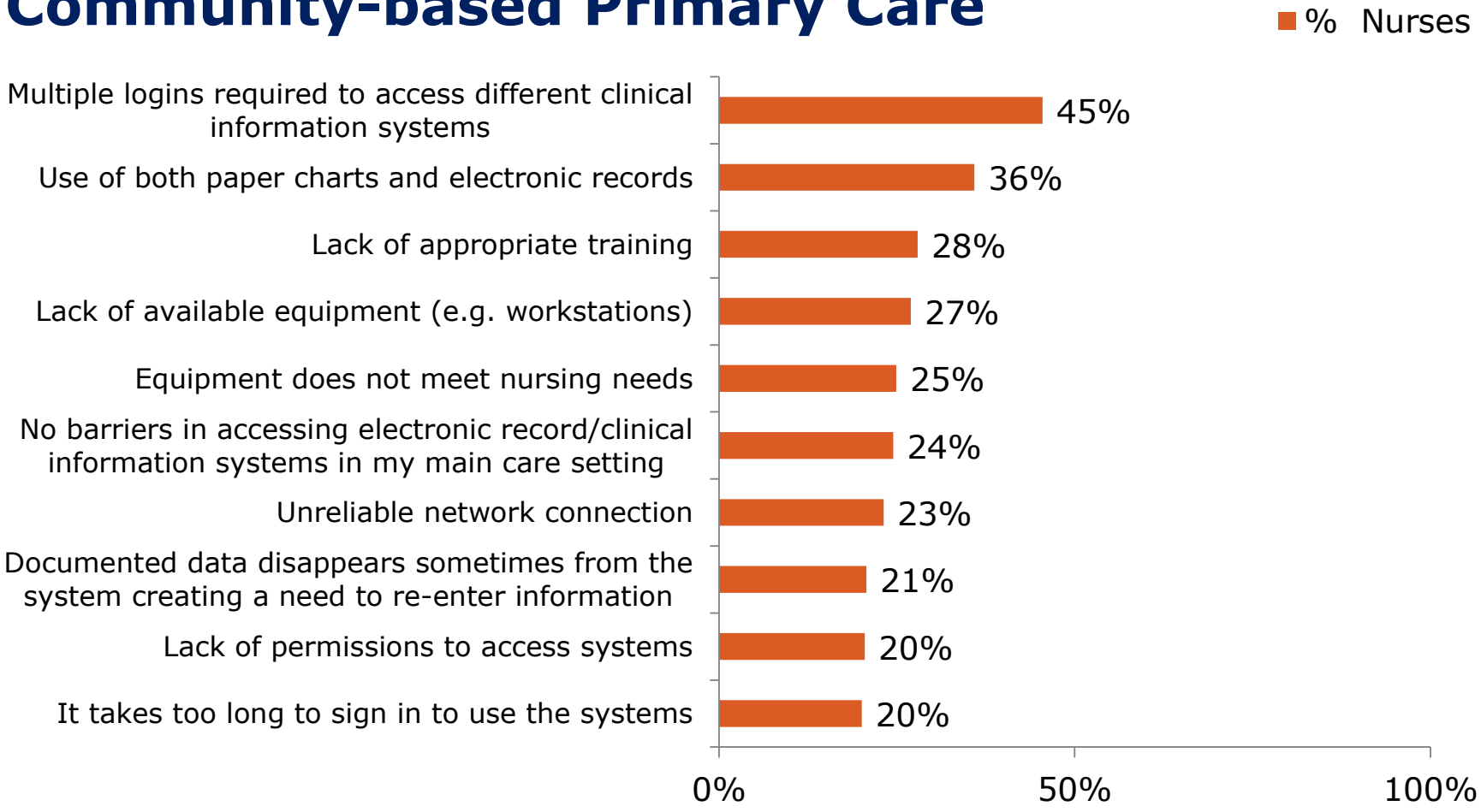
Relates to the number of multiple log-ins. The more log-ins that are required the more this is a barrier.

Base: All respondents in clinical practice providing direct care (n=910)
Excludes those who responded: Not applicable - no electronic systems in place

©Canada Health Infoway 2016

Source: National Nurse's Survey 2014

Barriers to realizing full clinical value of EMR:
Community-based Primary Care

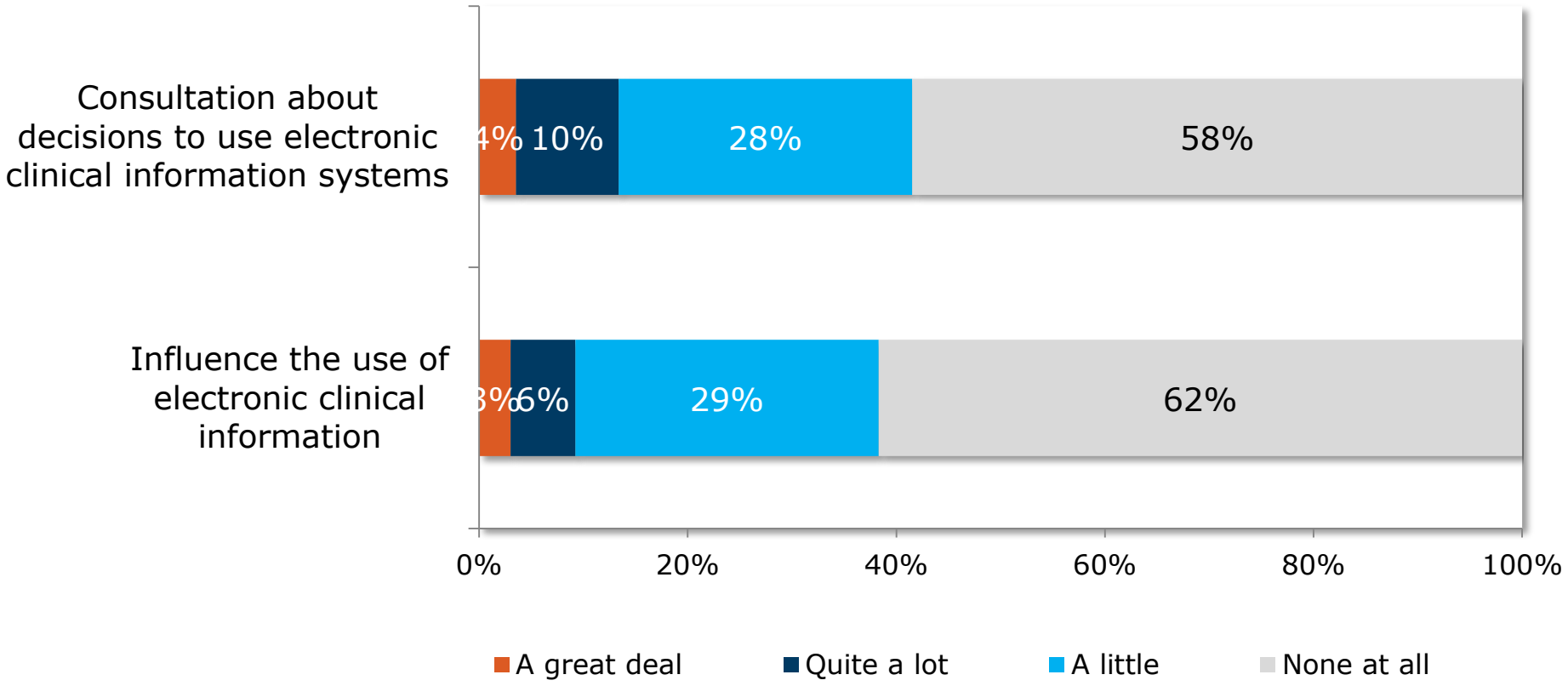


Base: All respondents in clinical practice providing direct care in community-based practice settings (n=196)
Note: Barriers mentioned by less than 20% of respondents not reported here

©Canada Health Infoway 2016

Source: National Nurse's Survey 2014

Few Nurses (all settings) claim high levels of consultation prior to implementation

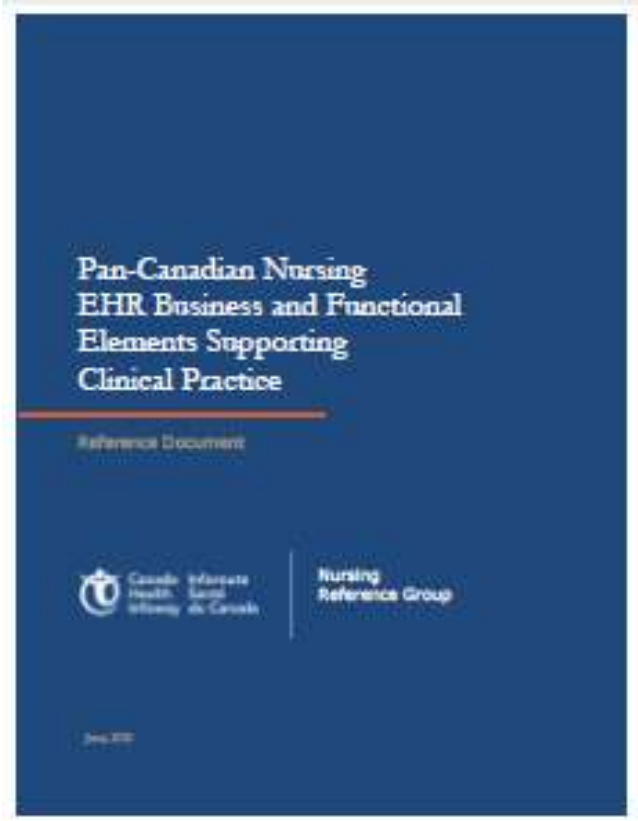


Base: All respondents in clinical practice providing direct care (n=931)
Excludes those who responded: Not applicable - no electronic systems in place

©Canada Health Infoway 2016

Source: National Nurse's Survey 2014

Pan-Canadian Nursing EHR Business and Functional Elements Supporting Clinical Practice – Reference Document



- The *Pan-Canadian Nursing EHR Business and Functional Elements Supporting Clinical Practice – Reference Document* can be found on the on the Canada Health Infoway corporate website.

©Canada Health Infoway 2016

Framework: Nursing EHR Data Clinical/Business & Functional Requirements

- **Perspectives:**
  - Patient
  - Nurse
  - Health Information

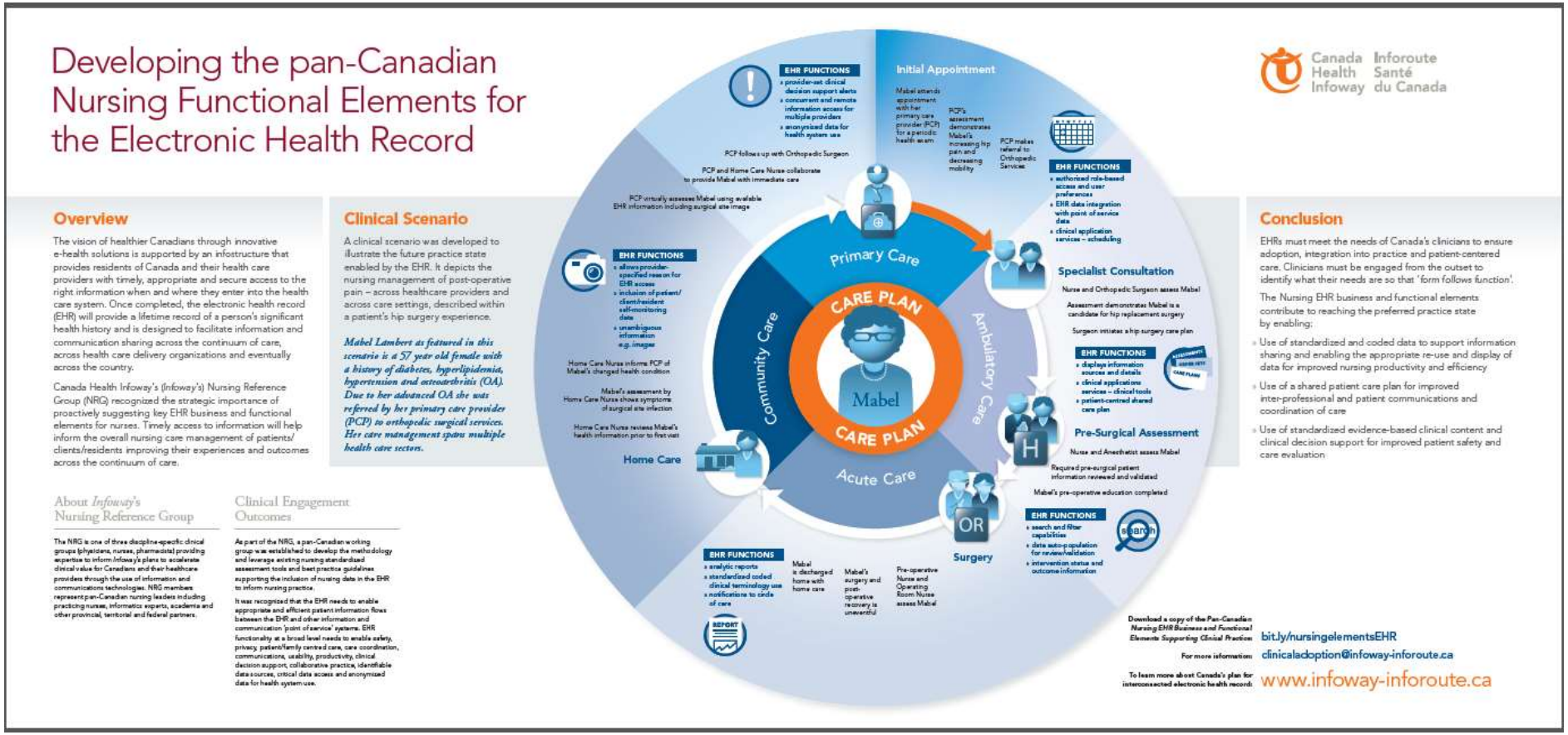
- **Functionality Components:**

Patient	**Safety**	**Privacy**	**Patient/Family-centred care**	**Care Coordination**
Nurse	**Usability**	**Productivity**	**Clinical Decision Support**	**Collaborative Practice**
Health Information	**Critical Data Access**	**Data Sources**	**Data for Patient Care and Health System Use**	**Communications**

©Canada Health Infoway 2016

Developing the pan-Canadian Nursing Functional Elements for the Electronic Health Record

https://www.infoway-inforoute.ca/index.php/resources/other/doc_download/582-developing-the-pan-canadian-nursing-functional-elements-for-the-ehr



©Canada Health Infoway 2016

Key Success Factors

- Must meet the needs of Canada's clinicians to ensure adoption, integration into practice and patient-centred care.
- Clinicians must be engaged from the outset to identify what their needs are so that '***form follows function***'.
- The Nursing EHR business and functional elements can contribute to supporting and achieving optimized clinical practice by enabling:
  - Use of standardized and coded data to support information sharing and enabling the appropriate re-use and display of data for improved nursing productivity and efficiency
  - Use of a shared patient care plan for improved inter-professional and patient communications and coordination of care
  - Use of standardized evidence-based clinical content and clinical decision support for improved patient safety and care evaluation

©Canada Health Infoway 2016

Questions

clinicaladoption@infoway-inforoute.ca

©Canada Health Infoway 2016

Canada Health Infoway
Inforoute Santé du Canada

Thank you

©Canada Health Infoway 2016