



eHealth Ontario
It's working for you.

**Terminology:
A Clinical
Documentation
Improvement
Opportunity**

Sue Schneider
Director, eHealth Standards

eHealth 2015
Toronto, Ontario
June 1, 2015



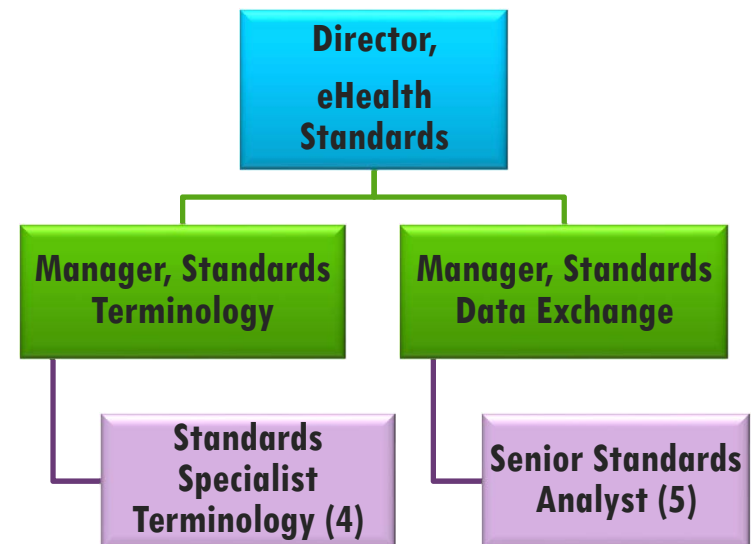
Today's Session

- What eHealth Standards Program does
- Why standards matter to your work
- What we learned

eHealth Standards – Who We Are

What we do:

- ❖ Establish and Maintain Ontario's ***EHR interoperability standards***
- ❖ Ensure health information can be **readily exchanged** and **understood** by care providers across the province





WHY STANDARDS MATTER TO YOUR WORK

Our Standards Help – Interoperability

Data Exchange Standards

Messaging Standards :

- define how common information is packaged and communicated from one party to another
- set the language, structure and data types required for seamless integration from one system to another

Examples:

Health Level 7 version 2
Health Level 7 version 3

Document and Data Standards

Document Standards:

- define the common structure and semantics of data in documents

Data Standards:

- define the guidelines for acceptable values for specified data fields – which can be structured or unstructured

Examples:

Health Level 7 Clinical Document Architecture Release 2

Terminology Standards

Terminology Standards :

- formally recognized code systems describing clinical concepts, typically a code and a description defining the concept and rules for how the terminology is used

Examples:

Systematized Nomenclature of Medicine Clinical Terms
Logical Observation Identifiers Names and Codes

Our Standards Are Foundational to Our EHR

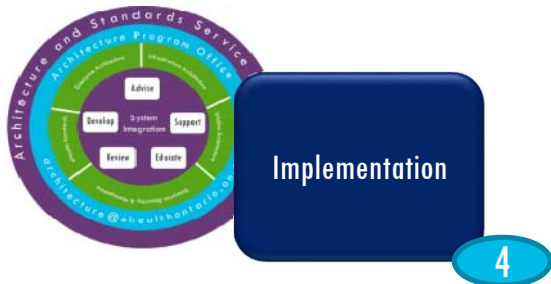
Standards Life Cycle & Services



- Needs Used to Identify Options Early and Assess Best Fit from International, Pan-Canadian and Ontario Standards — Reuse

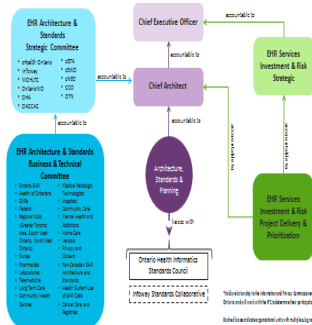


- Standards-based Solutions with Stakeholder Engagement Input



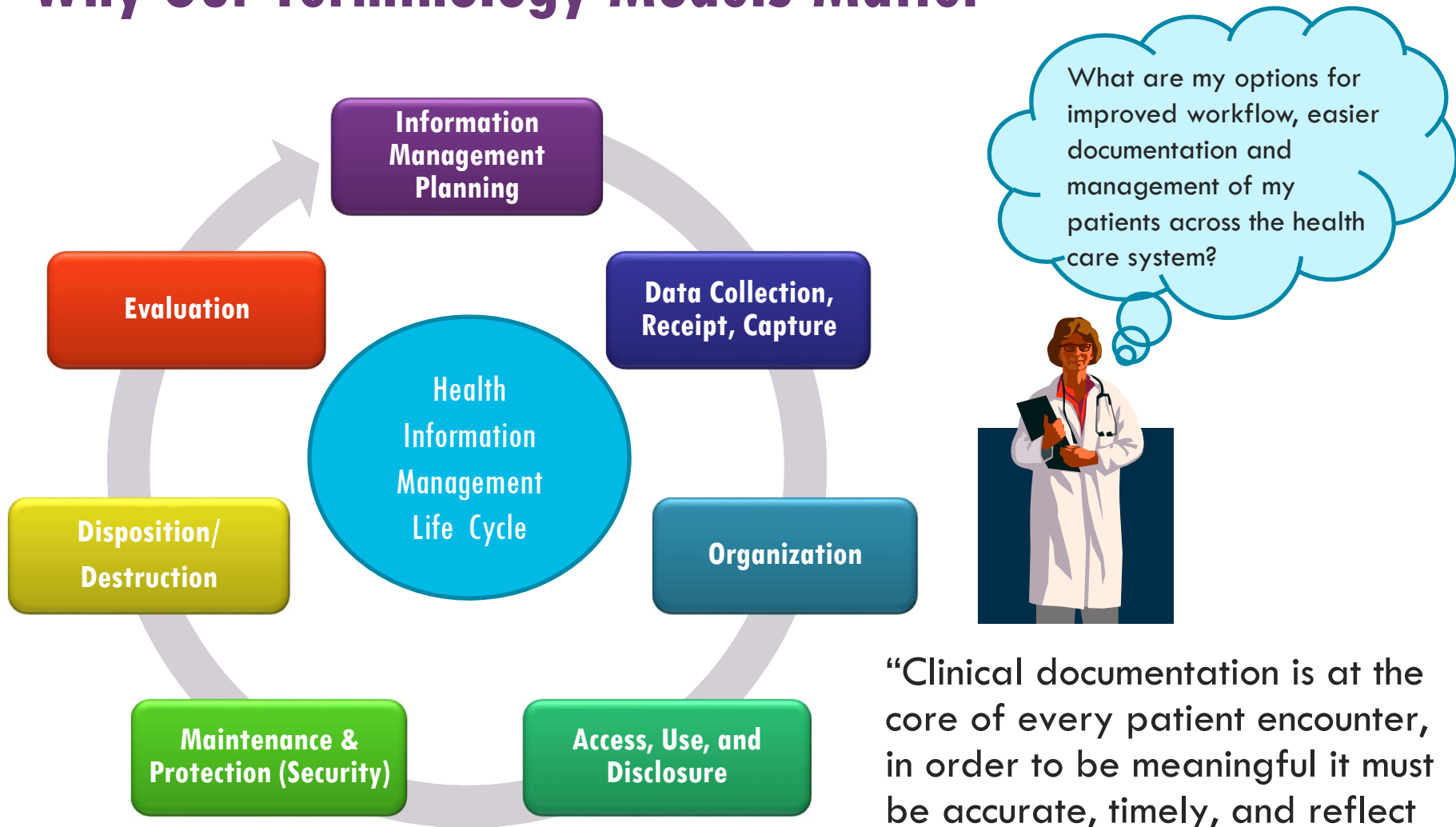
- Implementation Support of Standards for Improved Adoption

How Our Stakeholders Help



- Maintenance & Support of Standards Drives Evolution for Improved Alignment with Needs

Why Our Terminology Models Matter



“Clinical documentation is at the core of every patient encounter, in order to be meaningful it must be accurate, timely, and reflect the scope of services provided.”

Adapted from 2014 CHIMA Conference, HIM - New Roles, New Futures,
Candace J Gibson, PhD, CHIM, Assistant Dean, BMSUE

AHIMA Website, Accessed May 22, 2015,
<http://www.ahima.org/topics/cdi?tabid=overview>
Clinical Documentation Improvement Overview

How Terminology Services Help With Interoperability



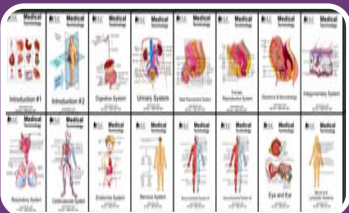
Common platform for terminology updates
Source of truth for terminology standards



Tools to develop and maintain terminology content
Mappings that connect concepts in different terminologies, use-specific subsets, and local extensions to existing standards



Terminology as an asset of the organization (TAM)
Processes and practices to support implementation and sustained use of multiple terminologies



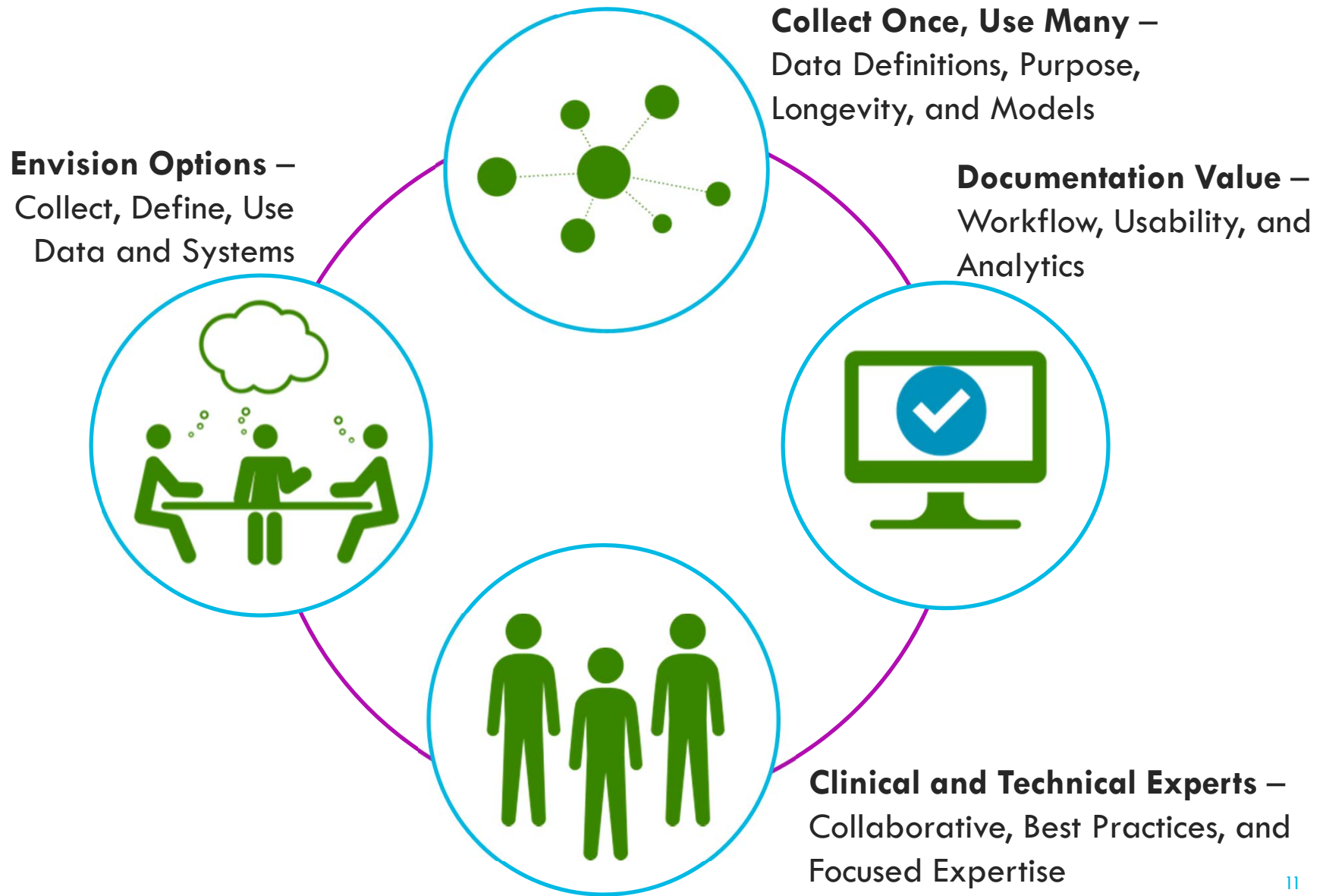
Necessary to predictably access terminology content



eHealth Ontario
It's working for you.

WHAT WE LEARNED

Your Opportunities: Improved Clinical Documentation

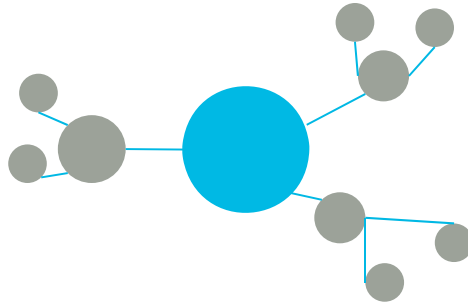


Lessons Learned

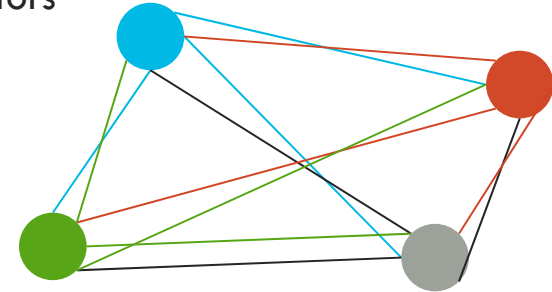
Highlights For Our Interoperability Strategy And Standards Roadmap



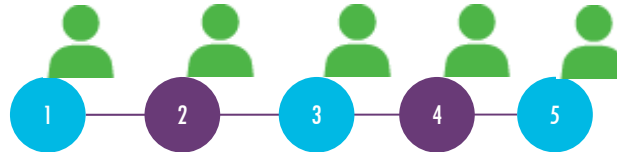
Select Standards and Information Models for **Reuse, Value and Evolution**



Advance **Interoperability** through Governance of Data Content and Terminology Across Sectors



Plan for **Interim and Multiple Models** for Processes, Services, and Systems

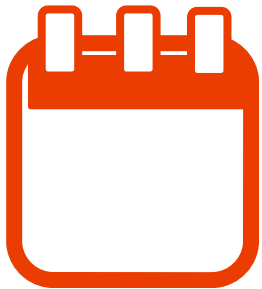


Engage **Multiple Perspectives** for Strategic Customer Oriented Solutions



Advocate for **Standards and Evidence-Based** Clinical Documentation Design and Practices

Let's Connect



Book an appointment with us today and discover how we can help you develop your ehealth solutions

architecture@ehealthontario.on.ca

Explore the blueprint online or download:

- www.ehealthblueprint.com
- www.ehealthontario.on.ca/en/architecture/blueprint



Sign up for our newsletter (Blueprint Bulletin) – and if you haven't already discovered Ontario's Ehealth Blueprint – it is now available online.

Source	Information
Canadian Health Information Management Association (CHIMA) Practice Briefs, CDI Whitepaper, SNOMED CT Primer	https://www.echima.ca/cchim/ppb https://www.echima.ca/uploaded/pdf/reports/CDI_Whitepaper_Final_rOct%202014.pdf https://www.echima.ca/products-and-services
American Health Information Management Association (AHIMA) Articles, Data Mapping Guide	http://library.ahima.org/xpedio/groups/public/documents/ahima/bok1_050286.hcsp?dDocName=bok1_050286 http://library.ahima.org/xpedio/groups/public/documents/ahima/bok1_050177.hcsp?dDocName=bok1_050177 http://library.ahima.org/xpedio/groups/public/documents/ahima/bok1_050231.hcsp?dDocName=bok1_050231 http://library.ahima.org/xpedio/groups/public/documents/ahima/bok1_050525.pdf
Health Quality Ontario Clinical Handbooks	http://www.hqontario.ca/evidence/publications-and-ohtac-recommendations/clinical-handbooks
Canadian Institute for Health Information Data Quality Framework	http://www.cihi.ca/cihi-ext-portal/internet/en/tabbedcontent/standards+and+data+submission/data+quality/cihi021513
IHTSDO SNOMED CT Starter Guide, SNOMED CT in Action	http://ihtsdo.org/fileadmin/user_upload/doc/download/doc/StarterGuide_Current-en-US_INT_20140222.pdf http://snomedinaction.org/sct-table.html

Source	Information
Infoway - Education	https://infocentral.infoway-inforoute.ca/3 Tools and solutions/Education
InfoRMS – Infoway Request Management Systems*	https://infocentral.infoway-inforoute.ca/3 Tools and solutions/InfoRMS
Infoway’s Terminology Toolkit*	https://infocentral.infoway-inforoute.ca/2 Standards/Terminology Toolkit
InfoCentral – User Interface Guidelines	https://infocentral.infoway-inforoute.ca/3 Tools and solutions/User Interface Guidelines for Clinical Coding of Data
Infoway Standards Collaborative Communities*	https://infocentral.infoway-inforoute.ca/8 UserReferencesAndSupports/4 Homepages/Infoway Communities, Discussion Groups and Documents
eHealth Ontario eHealth Standards, Blueprint Bulletin, Blueprint, Blueprint Microsite	http://www.ehealthontario.on.ca/en/architecture/standards www.ehealthontario.on.ca/sign-up www.ehealthontario.on.ca/en/architecture/blueprint www.ehealthblueprint.com

*(sign in required)