

Introduction to SNOMED CT Implementations across Canada

Purpose

- Provide an overview of successful client-focused tactics used by Canada Health Infoway that have resulted in increased interest by Canadian stakeholders in using SNOMED CT.
- Identify the different implementation projects and approaches being used across Canada.

What is a Client-Focused Approach

- Build and maintain client relationships through a comprehensive understanding of client needs, priorities and objectives, providing excellent service and products.
- Principles
 - Understand current and future client needs
 - Balancing the needs of the client and the SCTT
 - Establish leadership
 - Taking Ownership

Examples of Client-focused Behaviours & Activities

- Avoid preaching and perfection
- Encourage, and assist the client is informed and knowledgeable of the options to address their need
 - This may mean making them aware of the “ideal” solution but providing them with a shorter term or pragmatic solution that may not address all of their needs right away (baby steps, smaller scoped projects)
- Focuses activities on delivering timely, high-quality information to clients,
 - Regularly, proactively and systematically interacts with clients to understand and/or determine their needs.
 - Draws upon knowledge from SDO or network of colleagues to stay one step ahead of clients and anticipate their needs.
- Seeks out future opportunities.
- Helps clients to clearly define their needs/objectives.
 - Works to satisfy client and terminology team expectations.
- Seeks to understand issues from the client's perspective
- Identifies and/or re-enforce the need to focus on the benefits of any project

Tactics Used to Enhance Adoption of SNOMED CT

- SNOMED CT toolkit
- Education offerings
 - 1 hour webinars
 - Online offerings
 - 2 day foundation workshops
- Products with an emphasis on subsets that are easy to consume
- Communication
- SNOMED CT implementation tracker
- Development of a Terminology Tooling Blueprint to meet priority needs.
- Balance RFC submissions with CA extension management

Key Adoption Metrics

- Grow and Sustain Customer Base – Client Centric Focus
 - Target for downloads of standards
 - **Measure downloads and decreased error rate**
 - **Measure RFCs (open, closed, carried forward, and time to complete)**
 - Revitalize governance and working structures to facilitate improved alignment work efforts with key stakeholders in Canada.
 - **Measure stakeholder engagement in IHTSDO activities**
- Accelerate the Implementation and Value of SNOMED CT
 - Provide project support.
 - **Measure education, membership and tooling sign up**
 - Provide implementation guidance to our customers throughout the year. \
 - **Measure communication bulletin publications and toolkit access**
 - Develop a communication and marketing strategy, which includes the value proposition, and begin execution
 - **Measure increase in stakeholders interested in understanding more, planning on implementing and currently implementing**

SNOMED CT Jurisdictional Project Support

- **Mapping**
 - Digital Imaging Terminology
 - Microorganism
- **Subsets based on a data model**
 - Immunization management
 - Communicable Diseases
 - Primary Care Subsets
- **Templates**
 - Cancer Surgical Synoptic Reporting
 - Cancer Screening (Endoscopy) Synoptic Reporting
 - Order Sets

Diagnostic Imaging (DI) Terminology (Mapping)

This project developed a SNOMED CT DI terminology to support the implementation of DI Common Services for all of Ontario. Over 140,000 DI terms mapped for 182 PACs sites and 74 hubs.

The terminology will enable the sharing of images and reports between the different DI-rs in ON

- Potentially decrease DI costs in ON
- Provide timely and quality care to ON patients

Terminology can be leveraged by all of Canada and the International community – Strong interest from AB and NL

Immunization Management Subset Development

As part of the ON Panorama project 7 SNOMED CT subsets were developed to support immunization functionality

The subsets were required to meet the following business needs:

- Enable the consistent capture of immunization data using standardized terminology
- Enable inventory management of immunizing agents/products
- Enable forecasting target populations who need an immunization (i.e. in the event of an outbreak)
- Enable consistent capture of vaccine preventable diseases

There are 4 jurisdictions, including ON in various stages of implementation (ON, MB, SK, Armed Forces) and it is anticipated that there are will be other opportunities for use

This work resulted in a request from ON, PQ, MB, SK, AB and BC for Infoway SC support to develop sub sets for Communicable Disease.

Synoptic Reporting (Templates)

- The focus of this work is in cancer surgical reporting, specifically Breast, Colorectal, Head & Neck, Lung, Ovarian, Prostate, and Discharge Summary.
- Structured documentation that includes the ability to incorporate evidence-based best practices and scientifically validated data elements that influence outcomes via clinical decision making
- improves the quality and completeness of clinical documentation (from ~50% to ~100%) while significantly reducing or eliminating the costs of dictation and transcription, and with minimal impact to clinician productivity.
- A combination of mapping and a data model where SNOMED CT is mapped to the agreed upon content

Synoptic Reporting Template

Synoptic Surgical Breast Template - Data elements linked to Indicators

Template Data Element ID #	Indicator #	Data Element	Data Element Description	Assumptions	Value Type	Value	SNOMED Description	Concept ID
5.2	1, 2, 3, 4, 5, 6, 7, 8, 9, 10	Pre-operative diagnosis	Diagnosis of the patient determined before the surgery	This element relates to diagnosis as it pertains to breast cancer surgery only	Coded	Invasive carcinoma		
				20130611 CPAC: related to preoperative diagnosis		DCIS		
						Phyllodes		
						Paget's		

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Thankyou