

SNOMED International October Business Meeting

Closing Plenary Reports

October 30, 2019

A PowerPoint “animation & transition free” zone!

Gift of Recognition

Presenter: Alex Elias

***Our thanks
to the 2019
Malaysian
SNOMED CT
Expo
Planning
Team***

Dr. Md. Khadzhir Sheikh Ahmad

Dr. Noriza Binti Abdullah

Habsah Binti Salleh

Mohd Sabaruddin bin Jaafar

Norhashimah binti Haron

Dr. Hilmi Bin Omar

Dr. Muhammad Hafizuddin bin Hamdan

Dr. Hammad Fahli bin Sidek

Norsuhada binti Sulaiman

Muhamad Fareed bin Mohamad Saroni

Dr. Ridhwan bin Hassan

Project & Working Group Reports

Events, Conditions & Episodes: Bruce Goldberg

1. Modeling of complications

- a) Current editorial guidelines indicate all disorders due to other disorders should be modeled with a parent of 116223007 |Complication (disorder) unless they are an expected outcome or natural progression of the causative disorder
- b) Difficulty noted in interpreting expected outcome or natural progression and thus assigning a parent of 116223007 |Complication (disorder)
- c) Decision is to model all disorders due to other disorders without a parent of 116223007 |Complication (disorder)
- d) Disorders due to procedures
 - i. For most part are always complications
 - ii. New model suggested:
 - 64572001 |Disease (disorder)|
 - 263718001 |Complication (attribute)| = <<64572001 |Disease (disorder)|
 - 42752001 |Due to (attribute)| = <<71388002 |Procedure (procedure)|

Observables: Daniel Karlsson

- In-depth discussions (the best kind) about time-related Observables like rates for nutrition, labs, etc.
- Like-wise deep-diving discussions about Observables and Evaluation procedures

Vaccines: Toni Morrison

- Reviewed prototype of concept model for vaccine product concepts
- Discussed examples of how vaccine product concepts will be used to model in SNOMED CT hierarchies such as allergy
- Next steps will be to revise the prototype and solicit further input from stakeholders

Devices Project: Toni Morrison

- Reviewed proof of concept created by the WG including:
 - Prototype concept model for breast implant and shunt devices
 - Proposed process for analysis, editorial guideline development, and prototyping for additional subhierarchies
 - Proposal for future work

SNOMED CT on FHIR: Rob Hausam

- **Sunday AM** – SNOMED CT FHIR free set mappings (Green, Amber, Red)
 - For **Red** mappings decision is to **not** add qualifier values without context to SNOMED CT
- **Sunday PM** – Combined meeting of the Terminology Binding and Terminology Services streams
 - SNOMED UI Demonstration and use of FHIR API
 - Reported status of the SNOMED CT FHIR Implementation Guide work
 - Discussion on providing Global Patient Set (GPS) to non SNOMED licensees in FHIR terminology services
 - Recommend FHIR CodeSystem fragment

Cancer Synoptic Working Group – Scott Campbell

- Reviewed modeling change to represent tumor proliferation and invasion (direct and metastatic)
- Reviewed concept inventory and concept semantic alignment between cancer types
- Reviewed template authoring approach for automated concept authoring of like terms
- Target completion date for adult, non-hematopoietic cancers content - April/May 2020.
- Content to be submitted for promotion to international edition and subject to quality and content review

Clinical Reference Group Reports

Pathology & Lab Medicine – Scott Campbell

- Reviewed Cancer Synoptic Working Group scope and progress
- Reviewed and discussed antimicrobial stewardship efforts
- Reviewed and discussed benefits of a unified ontology for laboratory, pathology and genomics observables

Dental CRG

Mark Jurkovich

Worked through issue regarding synonym matching for representations of individual teeth- resolved

Discussed approaches to an anatomy issue relative to immediate parents for tooth body structure- may involve many concepts

Developed workplan priorities for upcoming year

- Anatomy issue
- Tooth surface representation
- Dental procedure changes and temporal representation

Advisory Group Reports

Editorial Advisory Group – Jim Case

Editorial Advisory Group accomplishments

- Developed initial approach to evaluate integration with other medical ontologies (e.g. GO, MONDO, DO, OGMS)
- Proposed the addition of new description types to the MAG to support near synonymy, consumer terminology, etc.
- Action on recommendations from the Event, Condition, Episode project group
 - Approved revision of the modeling of “Complications of disorders”
 - Continued discussion on resolution of “Traumatic and non traumatic injuries”; pathological fractures and the definition of “Injury”
- Discussed without resolution the overlap of “Evaluation procedures” and “Observable entities”

Terminology Management – Rory Davidson

- Continuous releases of the terminology
- Community content and how to provide the ability to have content available in a global context
- Using ECL to analyse historical patient data spanning multiple years

Content Managers Advisory Group: Cathy Richardson

- Quality Initiative work discussed
- Clinical finding concepts representing pathology findings
- 2020 work plan and Terms of Reference documents

E-Learning Advisory Group – Linda Bird

1. Members reported on national education activities
2. SNOMED International reported on:
 - Analysis of before and after introduction of fees
 - Improvements to the authoring and Implementation courses
 - Launch of authoring level 1 certification
 - Plans for creation of new developers certification
3. SNOMED International is seeking education partners to deliver courses in non-English languages



THANK YOU !!

The E-Learning Advisory Group would like to thank **David Markwell** for his enormous contribution to SNOMED CT education, and wish him all the best for his upcoming retirement in March 2020.



Managed Service

- Context Specific Reference Sets
- Request Management Proof of Concept
- Extension QA & Validation

Tooling User

- Refset & Translation Tool Enhancements
- SNOMED Browser Survey
- Future User Group Meeting Structure

Terance Shird

Modeling Advisory Group: Peter G. Williams

- DL Enhancements & Concrete Domains (in consultation)
- OWL Annotations & various items of mutual interest from EAG, TRAG & CMAG
- Modularizing SNOMED CT & ECL for historical records

Terminology Release Advisory Group: Andrew Atkinson

❖ Release Packaging Formats

- Agreed Standardised format for Freesets going forward
- Finalised the content to go into the Release Packaging Standards documentation

❖ Concrete Domains proposal

- Neither inactivation of interim concepts or introduction of new Inferred file are an issue

❖ Re-activation process

- Solidified our re-activation process for MRCM and other components

❖ Frequent Releases

- Productive discussions on all impacts to Release stakeholders
- Agreement on business case for moving to Continuous Delivery rather than monthly Releases
- Versioning, Impact analysis and Automated Validation
- Managing extensions + derivative products such as maps, refsets

Announcements:

Malaysian Cultural Evening: The Love@Matic

- Buses depart starting at **5:30pm** at the hotel entrance
- Start to return at **8:00pm**
- Distance is walkable (~900m), weather and comfort permitting
- Dress is smart casual

*Join us next year in Lisbon,
October 4-9, 2020*

