

SNOMED CT DELIVERED BY 

Community Updates

April 2020

SNOMED International

SNOMED International Community Updates

1. [Global Report](#)
2. [Collaboration](#)
3. [Education & Product Support](#)
4. [Clinical + Genomics](#)
5. [Vendor Engagement](#)
6. [Product & Services](#)
7. [Content & Mapping](#)
8. [Technical Services](#)
9. [Release Management](#)
10. [Managed Service Update](#)

Please note: underlined text indicates a clickable link.



Global Report



Shelley Lipon | Global CSR Executive Lead

SNOMED International Community Updates - April 2020

Global Report

- Welcome! Many NRCs in the Americas have recently brought on new staff. We look forward to meeting and working with you.
- Work continues with the US-based Gravity Project, an HL7 Accelerator project on social determinants of health.
- Meetings held with Regenstrief Institute to discuss the current agreement and the drafting of a new collaboration agreement.
- Joint press release with LOINC released regarding Covid 19 response from the two organizations.
- In collaborative efforts with the Uruguay NRC, on-going education and discussions with Ecuador on use of SNOMED CT.
- The joint project with the AMA which will implement both SNOMED CT and CPT in our demonstration tool is on track to deliver in the next few weeks.



Global Report

Europe

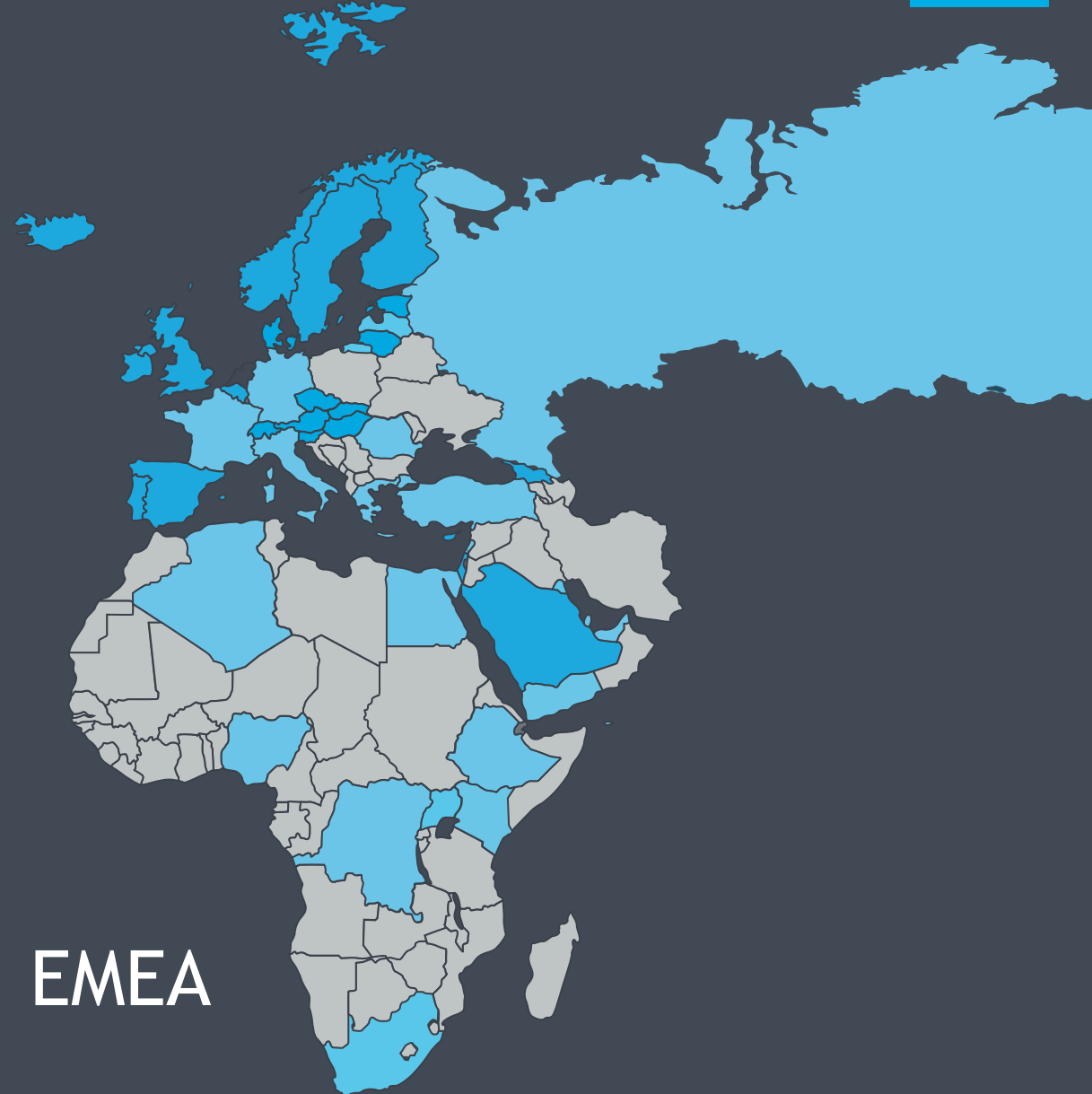
- Germany - Medical Informatics Initiative (MII) went live in March 2020 with SNOMED CT. The project covers 100 plus organisations, and will run for 3 years
- Israel - NRC staff had a site visit to the UK in November 2019, which was very successful
- French Translation Project Group - continues to be very active and successfully developing an agreed global French translation
- Digital Health Rewired Conference (UK) - SNOMED International attended, with lots of conversations on the use of SNOMED CT with clinicians and vendors
- Norway - NRC training day delivered in February 2020

Middle East

- Discussions with Malaffi (Abu Dhabi eHealth agency) for regional license
- Hamad Bin Khalifa University - Qatar Foundation research project

Africa

- Continuing discussions with the African Union
- Western Cape (Province) South Africa, discussions ongoing for regional license



EMEA

Global Report

- Armenia joined as the latest Member (November 2019)
- SNOMED CT Developer Days events held in New Zealand
- SNOMED CT research work commenced in Japan; discussions held with South Korea's Ministry of Health
- Stakeholder engagement work at regional events such as the Australian e-Health Research Centre Colloquium
- Meetings held with end users/ customers such as the Princess Alexandra Hospital (Brisbane, Australia)
- User Support Reference Group engagement gaining momentum



Asia Pacific

Collaboration



Jane Millar and Suzy Roy

SNOMED International Community Updates - April 2020

Collaboration

- **HL7 International - SNOMED** on FHIR work on the implementation guide for terminology services and profiles with SNOMED CT bindings continues. Developed a formalized process for HL7 content submission changes to SNOMED via the Health Terminology Advisory working group. Attended the HL7 International Meeting in Sydney, Australia in January 2020.
- **MedDRA** - activities completed to issue Alpha release of SNOMED CT- MedDRA and MedDRA - SNOMED CT maps in April 2020 for review. Agreement in process with ICH ahead of Production release and maintenance and updating going forward.
- **INSERM (Orphanet)** - activities completed to issue Alpha release of SNOMED CT to Orphanet maps for feedback in April 2020. New agreement signed to take us to Production release.



Collaboration

- **ICN** - work started to incorporate relevant content from ICNP 2019 into SNOMED CT for July 2021 International Release and working towards a new agreement with ICN on way forward.
- **NANDA-I** - agreement to incorporate about 70 concepts (after ICNP work) to facilitate NANDA-I producing a map
- **OHDSI** - further discussions about facilitating the use of SNOMED CT in OHDSI artefacts and how their learning can feed into content development at SNOMED International.
- **Academy of Nutrition and Dietetics** - work progressing on including NCPT content into SNOMED CT with agreement to put in place to support maintenance and updating.

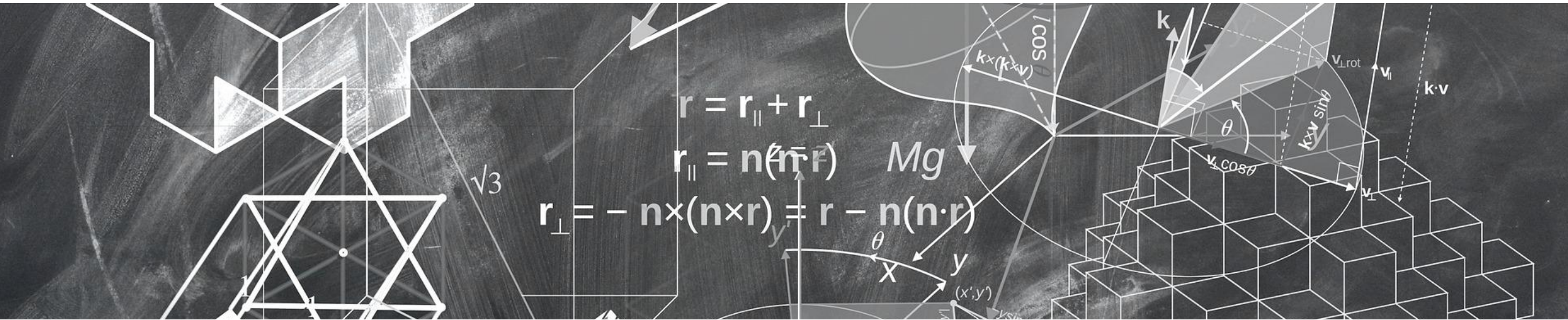


Collaboration

- **GMDNA** - relevant GMDN content added to SNOMED CT and map produced. Further discussions about collaboration opportunities planned.
- **UNICOM project (EU)** started, focusing on the implementation of IDMP. SNOMED CT will be part of the clinical content aspects.
- **Global Patient Set** - discussions with IHE, HL7, DICOM and ERA-EDTA re freeset updates ahead of GPS update post July International Release.
- **openEHR** - use of GPS and other SNOMED CT content in archetypes.
- **The Collaboration Framework Strategic Project Plan and Charter** have been developed. Next steps include work on defining collaboration criteria.



Education & Product Support



Linda Bird | Head of Education and Product Support

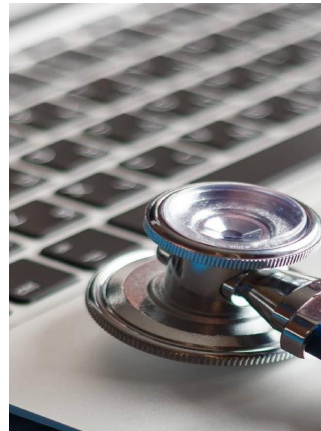
SNOMED International Community Updates - April 2020

SNOMED CT Course Catalogue



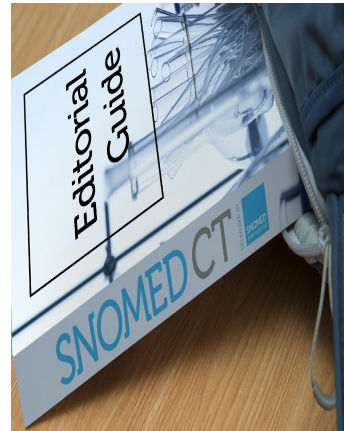
SNOMED CT

Foundation Course
(English & Spanish)



SNOMED CT

Implementation Course
(Jan & July)



SNOMED CT

Authoring Level 1 Course & Certification
(Mar & Sep)



SNOMED CT

for Data Analysts



SNOMED CT

for Developers

SNOMED Terminology Services Course & Certification

- Teaches the principles of using a SNOMED CT terminology service to search and retrieve SNOMED CT content
- No prior knowledge of SNOMED CT needed
- Uses 2 terminology service APIs
 1. Native SNOMED CT API (Snowstorm)
 2. Standard HL7 FHIR terminology service API
- Includes proctored certification exam

Waitlist now at snomed.org/tsc



SNOMED CT Certification Registers

New consent management process allows us to publish a list of certified individuals in a GDPR-compliant way

Authoring Level 1 Register

- <http://snomed.org/al1cert>

Consultant Terminologist Register

- <http://snomed.org/ctcert>



Certificate Id:

snomed.org/certification

Continuous Professional Development

Certified Health Informatics Australasia (CHIA)

CHIA-certified individuals can earn CPD points for SNOMED courses

- SNOMED CT Foundation Course **11 CPD points**
- SNOMED CT Implementation Course **50 CPD points**
- SNOMED CT Authoring Level 1 Course **60 CPD points**



healthinformaticscertification.com/cpd/

Clinical & Genomics



Ian Green
Customer Relations Lead Europe and Clinical Engagement Business Manager

SNOMED International Community Updates - April 2020



Clinical Engagement

- **Clinical Reference Groups (CRGs)** - currently five active groups
- **Nursing CRG** - relaunched to support nursing content work in 2020 linked to ICN
- **Epilepsy Expert Clinical Project Group** - established and beginning to review epilepsy content in the International Release
- **Nutrition Care Process Terminology Clinical Project Group** - actively engaged in the development of new content
- **Cancer Synoptic Reporting Project Group** - focus is on the delivery of new content to the International Release from the University of Nebraska
- **Diabetes Project Group** - focus is on the review of current SNOMED CT content



Clinical Engagement

- Clinical community - first webinar hosted in January, of a series of quarterly clinical meetings
- Further development of the clinical portal on Confluence to support clinical engagement activities
- Further development of SNOMED CT analytics demonstrator with additional clinical scenarios
- Further development of clinical contacts database to assist in the development of SNOMED CT content
- Development of additional clinical education materials



Genomics

- **Genomic Pilots**
 - **Genetic Kidney Disease** - focus on the communication of the pilot results, and exploring ways to make the FHIR value set from the project more widely available
 - **Cardiovascular Disease** - second pilot will report in July 2020. Early results show excellent SNOMED CT content coverage (75,000 + phenotype concepts in the value set)
- Approach to genomics is currently being reviewed, to focus on two areas, genomics content and SNOMED International's support for the global implementation of Precision Medicine

Vendor Engagement



Nick Egarhos

Global Vendor Engagement Lead & Customer Relations Executive, Middle East/Africa

SNOMED International Community Updates - April 2020



Conferences and Meetings

- **CES Digital Health Forum**
 - Walmart Health, Abbott, Fitbit
- **World Precision Medicine Conference**
 - GenomOncology, SciBite, Ontoforce, Otsuka (pharma), Sinequa, Tagbio, LifeOmic
- **Arab Health**
 - As large as HIMSS US, provided significant visibility to the ME market
 - Important relationships built with service providers in the local market - key to building relationships within Ministries



Recent Engagement and Partnerships

- **Global Licensing Deals**
 - Siemens, Roche
- **Nuance**
 - Collaborate w/ Nuance on a joint blog post outlining the benefits of SNOMED CT within their NLP/AI solution:
The role of the clinical coder is set to change, but we should see it as an opportunity to improve healthcare
- **Amazon**
 - Confirmation that SNOMED CT will be included in the next version release of Comprehend Medical
- **Empericus**
 - A new EMR vendor focused initially on the athlete market. Cover story article in CIO Review profiles their company, and they reference their usage of SNOMED CT: magazine.cioreview.com/magazines/March2020/Healthcare/#page=14

Products & Services



Rory Davidson | Products & Services Executive Lead

SNOMED International Community Updates - April 2020

Products & Services

- More and more of the challenges facing the organization and SNOMED CT need both content and technology expertise
- The terminology and technology need to be closely aligned in order to fulfil the 2020-2025 SNOMED International strategy
- This led to the creation of the Products & Services line of business, incorporating the content authoring and mapping, and the technical services teams
- Working as a larger single team, along with Members and the community, the team is working on the transition to terminology as a service and the definition and implementation clinical core, international edition and community content



Content & Mapping



Monica Harry | Director, Content & Mapping

SNOMED International Community Updates - April 2020

Mapping

- **ICD-10 map**, 1300 added for July 2020
- **ICD-O map**, for July 2020: Updated to reflect morphology behaviour (benign, malignant etc.). Impacted concepts in the disorder hierarchy will be revised to align with any new ICD-O-3.2 morphology change.
- **MedDRA 7400 maps**, bi-directional, Alpha release March 2020
- **SCT - Orphanet 5721 concepts** in derivative product release, April 2020



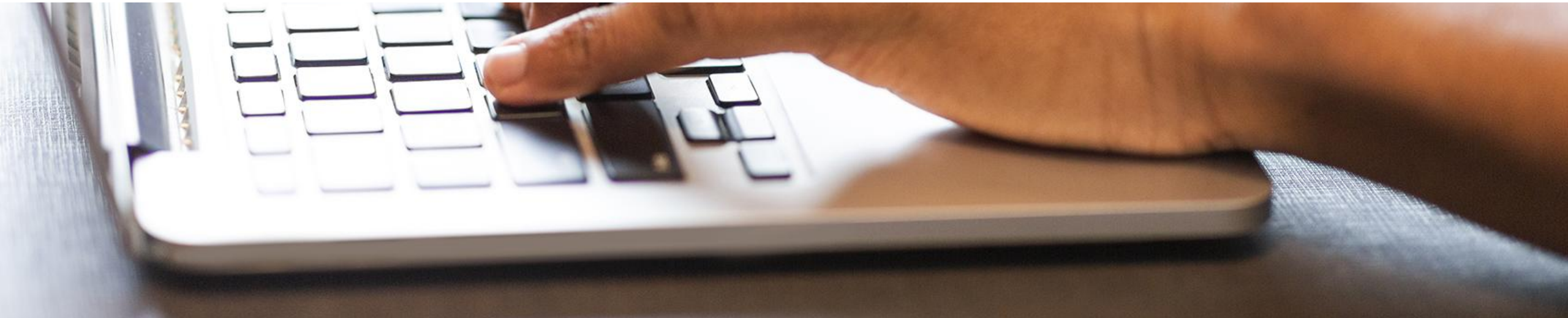
Content

- **Content Requests:** On track with SLA despite focus on QI
- **Anatomy:** revision, remodelling, implementation of concept model and updates based on feedback from CRGs
- **CMT:** As per agreement, on track to deliver 700+ for July 2020
- **Devices:** Concept model under development starting with implants, stents and shunts
- **GMDN:** SNOMED - GMDN Simple Map released on schedule March 2020
- **Drugs:** transitioning to product-based role modeling rather than the current substance-based role modeling.

Content

- **Substances:** Review and remodeling of Adverse reaction caused by substance (disorder) and Allergy to substance (finding); deprecation of remaining Allergen classes completed for July 2020 release.
- **Vaccines:** development, documentation, and implementation of editorial guidelines for modeling and terming of vaccine related concepts in substance hierarchy.
- **Quality Initiative:** Developmental; Inflammatory; Degenerative and Malignant disorders in progress.
- **ICD-11 content:** addition of new content continues based on identified gaps.
- **Social Determinants of Health:** Ongoing monitoring of external projects e.g. Gravity, to identify gaps in SCT preparatory to content additions.

Technical Services



Rory Davidson | Products & Services Executive Lead

SNOMED International Community Updates - April 2020

Technology Update

- Completion of phase 1 work on the MRCM Management Tool
- Continued fixes and enhancements to the authoring platform covering fixes and further reporting functionality
- Ongoing investigation of collaborative development efforts on tools including post-coordinated expressions, and the health data analytics demo tool
- Continued cost reduction emphasis on infrastructure, and refactoring and upgrade of cloud infrastructure
- SNOMED CT Developer training days in New Zealand, others planned by on hold due to current travel lockdown
- Participated and presented at the FHIR Connectathon as part of HL7 Sydney event
- Tooling solutions to support MedDRA mapping, Analytics demonstrations & QA solutions
- Continued work towards continuous release of SNOMED CT, demonstrated in part by the rapid interim release in March 2020

Release Management



Andrew Atkinson | Release Manager

SNOMED International Community Updates - April 2020

New Product Releases

- **SNOMED to MedDRA map:**
 - First ALPHA release Published as planned on 1st April 2020
- **SNOMED to Orphanet map:**
 - First ALPHA release planned for April 30th 202
- **New Managed Service Releases:**
 - First Production Estonia extension published as planned on 30th November 2019
 - First Production New Zealand extension published as planned on 1st April 2020

Feedback welcomed on all new products!





International Edition Release Updates

Interim March 2020 International Edition Release

- Created as part of the ongoing global effort to tackle the Coronavirus outbreak
- Included the updated Coronavirus descriptions for Members and implementers
- This was a full International Edition Release package
- Published as planned on 9th March 2020
- As this was our first “out-of-cycle” International release, it also served as a positive trial for the upcoming transition to more Frequent Delivery - therefore continued feedback is welcomed!

Terminology Release Advisory Group

Monday 6th April 2020 - 09:00 to 11:00 UTC (remote conference call)

Wide variety of agenda items were covered, including:

- Frequent Delivery
- Release packaging formats
- Frequent Delivery
- Release packaging formats
- File naming conventions, in particular for Delta files
- Concrete domains
- MRCM format

Please feel free to read the minutes and post any questions:

confluence.ihtsdotools.org/pages/viewpage.action?pageId=102303740



Observers were welcome as always, and we'd like to thank everyone for their dedication in attending at some "interesting" times of day + night!

Managed Service Update



Terance Shird | Technical Operations Manager

SNOMED International Community Updates - April 2020

New Zealand

- After the October Business Meetings we travelled straight to Wellington to on board our latest Managed Service Member.
- Their first public release was published on 1st April 2020.



Snowstorm Migration

- The focus so far this year has been the preparation and migration of the Managed Service Extensions to the Snowstorm Terminology Server.
- Each extension is migrated in a phased approach when their first 2020 release is published.
- The US, Belgium, Denmark and New Zealand have been completed so far.



SNOWSTORM
by SNOMED International



[linkedin.com/company/ihtsdo](https://www.linkedin.com/company/ihtsdo)



twitter.com/SnomedCT

Thank You!

For more information about SNOMED International please visit snomed.org

SNOMED International
1 Kingdom Street, Paddington Central
Paddington, London, W2 6BD
Tel: +44 (0)203 755 0974
info@snomed.org



SNOMED CT
EXPO 2020
Oct 8-9 2020  Lisbon, Portugal