

## SNOMED & Innovation

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Rory Davidson

**Chief Information Officer** 

snomed.org



asnomedct



linkedin.com/company/ihtsdo/



## "The Eight Pillars of Innovation"

- the organization has a mission that matters
- think big, but start small
- aim for continual innovation, but not perfection
- look for ideas everywhere
- share
- spark with imagination, fuelled with data
- be a platform
- never fail to fail

## SNOMED International & Innovation

- SNOMED CT is an innovative product
- SNOMED International works efficiently, making the best of new technologies
- Across SNOMED International and the wider community, we work to *continuously* innovate



#### **Previous SNOMED CT Innovations**

- Innovation has been an important part of the growth of SNOMED CT and its use
- Innovation has been one of the strategic directions of SNOMED International in both the last and current 5 year strategies

- Previous innovative projects
  - SNOMED CT in the User Interface -<a href="http://snomed.org/ui">http://snomed.org/ui</a>
  - Analytics demo
  - SNOMED CT ICD11 mapping prototyping
- SNOMED CT itself and the tools used to manage the product

# SNOMED International: Delivering SNOMED CT

#### 2020-2025 Strategic Priorities



Strategic Direction	Stra	ategic Priority Name	Strategic Priority Scope
PRODUCT & SERVICES	1.	SNOMED CT Evolution	Evolve SCT to best serve improvements in patient outcomes and meet the needs of the integrated health and social care systems in a sustainable fashion
PRODUCT & SERVICES	2.	Terminology Integrator	SNOMED CT will continue to be a hub that supports, facilitates and integrates terminology standards and classifications to help enhance and streamline the health and care ecosystem
ADOPTION	3.	SNOMED CT Adoption & Consumption	Increase adoption and consumption of SCT for Members, suppliers, researchers and other SCT users by ensuring it is pragmatic, effective and verifiable
ADOPTION	4.	SNOMED CT Implementation Support	Provide sustainable and approachable products and services to support the implementation of SCT
INNOVATION	5.	Emerging Technologies	Leverage emerging technologies (e.g. AI) to deliver value for stakeholders and drive efficiencies both at the point of care, across the organization and the evolution of the product
PRODUCT & SERVICES	6.	SNOMED CT Value Proposition	Extend the SNOMED CT value proposition to highlight improvements in patient outcomes and determine and validate all stakeholder benefits including integrating remuneration, research, public health information flows and semantic interoperability into the value proposition of SNOMED CT





## On-going projects SNOMED CT to ICD-11 map

- This has a continuation of the work done during 2019 on mapping SNOMED CT to ICD-11 MMS.
- Using machine learning and other content matching algorithms, where the initial goal was to produce maps between SNOMED CT and ~10,000 ICD-11 MMS codes
- Approximately 84,000 map records have been produced through these advanced and innovative methods.
- This alpha map and findings should be made available in October to Members for feedback.

## On-going projects SNOMED CT benefits & adoption

- Prototype project in collaboration with TECS VALUE
   CASEMIX which aims to maximize healthcare
   planning and productivity through measuring
   surgical procedures based on SNOMED CT
   codes and in theatre recording.
- Collaboration with Manchester University on the development of sub-ontologies of SNOMED CT. These will play a big part of making it easier for specialist domains to use the terminology and opening new distribution approaches not previously available to SNOMED International.

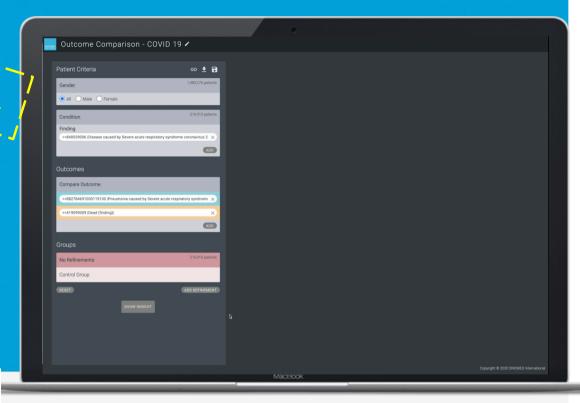


## Analytics Teur Long Long Marion & Consumprion

working software for:

- Easier synthetic data creation for demonstrations
- Standards based patient data server
- Multi-user interface
- Open source software

To learn more contact: analytics@snomed.org





#### **Strategic Innovation**

- Collaboration & Community
   Content
- Frequent Releases
- Terminology as a Service

#### Collaboration & Community Content

\Providing a global platform to reduce barriers to collaboration in the creation and assurance of SNOMED CT

#### **Frequent Releases**

updated regularly and meets the growing needs for the timeliness and relevance of medical knowledge

#### Terminology as a Service

Providing easier access to SNOMED CT over standard interfaces and services, and distributing to terminology services directly and globally

### Thank you

SNOMED International

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