

**SNOMED**  
International

Delivering  
**SNOMED CT**

# SNOMED & Innovation

*2020-10-06*

Rory Davidson  
Chief Information Officer

[snomed.org](https://snomed.org)



[@asnomedct](https://twitter.com/asnomedct)



[linkedin.com/company/ihtsd/](https://linkedin.com/company/ihtsd/)

# “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

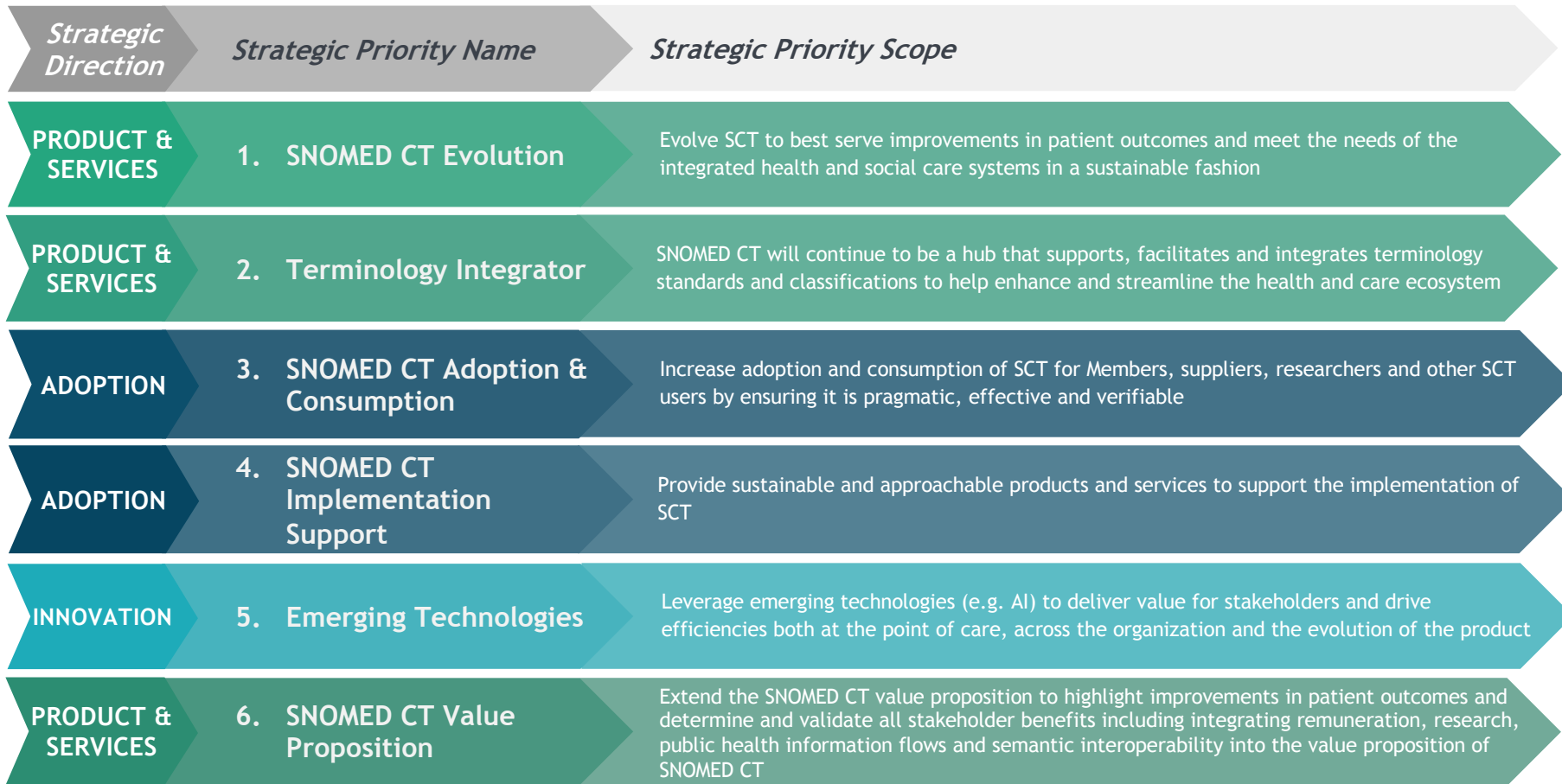
- SNOMED CT is an innovative product
- SNOMED International works efficiently, making the best of new technologies
- Across SNOMED International and the wider community, we work to *continuously innovate*

# 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 - <http://snomed.org/ui>
  - Analytics demo
  - SNOMED CT - ICD11 mapping prototyping
- SNOMED CT itself and the tools used to manage the product

# 2020-2025 Strategic Priorities





## 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.**

**TERMINOLOGY  
INTEGRATOR**

## On-going projects

### SNOMED CT benefits & adoption

- Prototype project in collaboration with TGC-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.

**SNOMED CT VALUE  
PROPOSITION**

**ADOPTION &  
CONSUMPTION**

# Analytics Tool

## v1.0

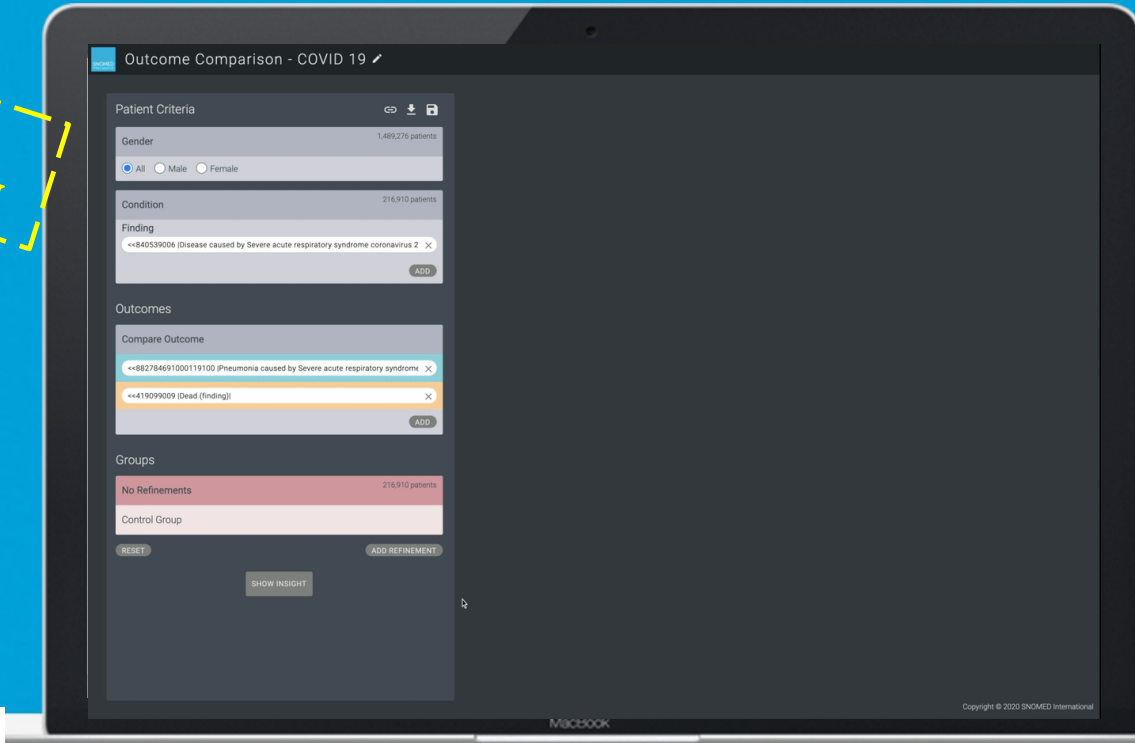
ADOPTION &  
CONSUMPTION

Evolve from prototype to  
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](mailto: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

- Enabling an agile terminology that is 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

SNOMED CT  
EVOLUTION

ADOPTION &  
CONSUMPTION

ADOPTION &  
CONSUMPTION

IMPLEMENTATION /  
SUPPORT

# Thank you

---

The logo consists of a solid blue square with the text "SNOMED International" in white, sans-serif font. "SNOMED" is on the top line and "International" is on the bottom line.

SNOMED  
International

[snomed.org](https://snomed.org)



[@snomedct](https://twitter.com/snomedct)



[linkedin.com/company/ihtsd/](https://linkedin.com/company/ihtsd/)