



SNOMED  
International

Delivering  
SNOMED CT




London, UK

## E-Learning Advisory Group (ELAG) Meeting

April 2022 Business Meeting

Chair : Ian Spiers, Terminology Education  
Specialist, SNOMED International



[snomedexpo.org](http://snomedexpo.org) | [linkedin.com/company/ihtsd0](https://www.linkedin.com/company/ihtsd0) | [twitter.com/snomedct](https://twitter.com/snomedct) | [youtube.com/c/ihtsdoorg](https://www.youtube.com/c/ihtsdoorg)



A photograph of the Tower Bridge in London, viewed from the River Thames. The bridge's two massive stone towers are prominent, with the suspension cables and walkways visible. In the background, the modern London skyline is visible, including the Gherkin building. The sky is a mix of blue and light clouds, suggesting a bright day.

Welcom  
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## Agenda

1. ELAG Administration
2. SNOMED International update
3. Member Reports
4. Any other business



## Agenda

1. **ELAG Administration**
2. SNOMED International update
3. Member Reports
4. Any other business



## *ELAG Administration*

- Objectives of ELAG
- Members of ELAG
- Work Items for 2022



# ELAG Administration Objective



- Provide an effective link between SI E-Learning activities and educational requirements and activities in Member countries
- Ensure that the MF reps of the Member countries represented on the Group are kept informed about prioritization and other advice on E-Learning given by the group
- Review and provide constructive feedback on new E-Learning materials and regularly revisiting existing materials to identify areas where changes are needed
- Facilitate effective sharing and reuse of materials by SI and Members to enable translation and localization while maintaining international consistency

# ELAG Administration Members



## ELAG Members

Marina Zanetti	Member Representative	Argentina
Aileen dela Pena	Member Representative	Australia
David Op de Beeck	Member Representative	Belgium
Linda Parisien	Member Representative	Canada
Vasos Scoutellas	Member Representative	Cyprus
Louise Bie	Member Representative	Denmark
Rutt Lindström	Member Representative	Estonia
Mikko Härkönen	Member Representative	Finland
Vicky Fung	Member Representative	Hong Kong
Manisha Mantri	Member Representative	India
Theresa Barry	Member Representative	Ireland
Kristina Dienine	Member Representative	Lithuania
Fareed Mohamad	Member Representative	Malaysia
Inge Soons	Member Representative	Netherlands
Aleksandar Zivaljevic	Member Representative	New Zealand
Leandro Luis	Member Representative	Portugal
-	Member Representative	Spain
Keng-Ling Wallin	Member Representative	Sweden
Pero Grgic	Member Representative	Switzerland
-	Member Representative	United Kingdom

# ELAG Administration Declaration of Interest



Could all members of ELAG please

- Go to <http://snomed.org/elag>
- Click on 'Group Members'
  - If you are an ELAG Member representative, and your name does not appear on the list, please email [isp@snomed.org](mailto:isp@snomed.org)
- Click on 'Declaration of Interests'
  - Add any potential conflicts of interest
  - Update the 'Last updated' date (even if no changes)



**Note:** If you don't have access, please email [isp@snomed.org](mailto:isp@snomed.org)



- To advise on national and international priorities and activities needed to increase knowledge and skills related to SNOMED CT
- To review and provide advice on SNOMED CT courses
- To identify local languages required by each Member's SNOMED CT community for education
- Identify potential education delivery partners for each required language

## ELAG Administration ELAG Work Items - 2022





## Agenda

1. ELAG Administration
2. **SNOMED International update**
3. Member Reports
4. Any other business



# *SNOMED International Update*

- E&PS Team
- E-Learning Status
- New Foundation Course
- Implementation Course Update



# SNOMED International Update

## Education and Product Support Team

Liara Tutina



Education Lead

Louise Jones



eLearning Administrator

Jon Zammit



Education and Product  
Support Specialist

Anne Højen



Education and Product  
Support Specialist

Ian Spiers



Terminology Education Specialist

Cathy Richardson



Senior Terminologist

Penny Livesay



Authoring Specialist



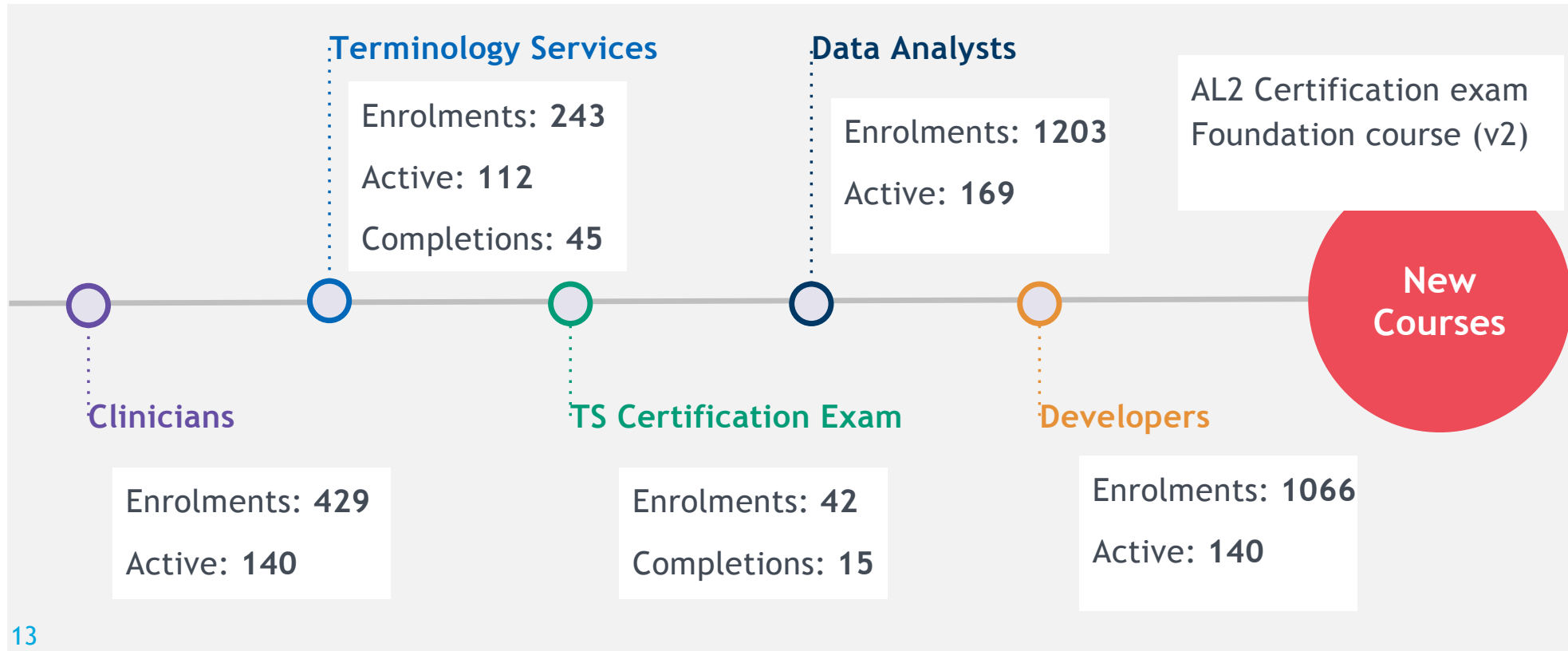
# SNOMED International Update

## E-Learning Status



# SNOMED International Update

## E-Learning Status



# SNOMED International Update

## E&PS Key Work for 2022



### eLearning

- Existing courses (ongoing maintenance and facilitation)
- Authoring Level 2 certification (new)
- Foundation Course v2 (new)
- Education partnerships





# Foundation Course Update

# Foundation Course

## Module A Introduction

1. What is SNOMED CT and why is it needed?
  2. What are the benefits of SNOMED CT?
  3. How do I browse SNOMED CT?
- **Exploring SNOMED CT (Basic browsing)**

1. Introduction to SNOMED CT
  2. Learning about SNOMED CT
  3. SNOMED CT benefits for organizations
  4. Why clinical terminology matters
  5. Introduction to SNOMED International
  6. Exploring content (+ videos)
- **Assessment A**

## Module B Design and Implementation

1. How is SNOMED CT Designed?
  2. How is SNOMED CT Developed?
  3. How is SNOMED CT used in an EHR?
- **Exploring SNOMED CT (Configure and query)**

1. Introduction To Content Components
  2. SNOMED CT Licensing
  3. Release Files and Formats
  4. Concept Model Introduction
  5. Content Development Introduction
  6. Introduction to Extensions
- **Assessment B**

## Module C Customization

1. How can I customize SNOMED CT?
  2. How can SNOMED CT support language preferences?
  3. How can SNOMED CT be linked to other code systems?
- **Exploring SNOMED CT (Extensions)**

1. Reference set Introduction
  2. Customizing SNOMED CT
  3. Translation and Language Preferences
  4. Mapping Introduction
  5. Introduction to Expressions
  6. Introduction to Implementation
- **Assessment C**

## Course completion

1. Final assessment (10 questions)
2. Completion certificate
3. Feedback survey

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# Foundation Course



## Module A Introduction

1. What is SNOMED CT and why is it needed?
  2. What are the benefits of SNOMED CT?
  3. How do I browse SNOMED CT?
- **Exploring SNOMED CT (*Basic browsing*)**

Why SNOMED CT?, what is SNOMED CT, scope of SNOMED CT	23 min
Stakeholders, point of care benefits, population benefits	24 min
Searching, navigation, viewing details, refsets	20 min

## Module B Design and Implementation

1. How is SNOMED CT Designed?
  2. How is SNOMED CT Developed?
  3. How is SNOMED CT used in an EHR?
- **Exploring SNOMED CT (*Configure and query*)**

Components, release files, logical model, concept model	26 min
Collaboration, editorial guidance, terminology authoring, technology and tooling	22 min
EHR design, data entry, query, sharing and exchange	33 min

## Module C Customization

1. How can I customize SNOMED CT?
  2. How can SNOMED CT support language preferences?
  3. How can SNOMED CT be linked to other code systems?
- **Exploring SNOMED CT (*Subset creation*)**

Use cases, extensions and editions, reference sets, subsets	18 min
Concepts and descriptions, language refsets, language priorities	21 min
Mapping basics, use cases, map refsets, exploring maps	24 min

## Course completion

1. Final assessment (10 questions)
2. Completion certificate
3. Feedback survey

6.5 h  
3.5 h



# Foundation Course



## Module A Introduction

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## Module C Customization

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## Course completion

- 1. Final assessment (10 questions)
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## *Review of Module B and C*

- Review period: April, 11th to April, 22nd (both days incl.)
- Review form: <https://forms.gle/h6L5GGFLzXeq2GAo6>
- Launch: May 2022



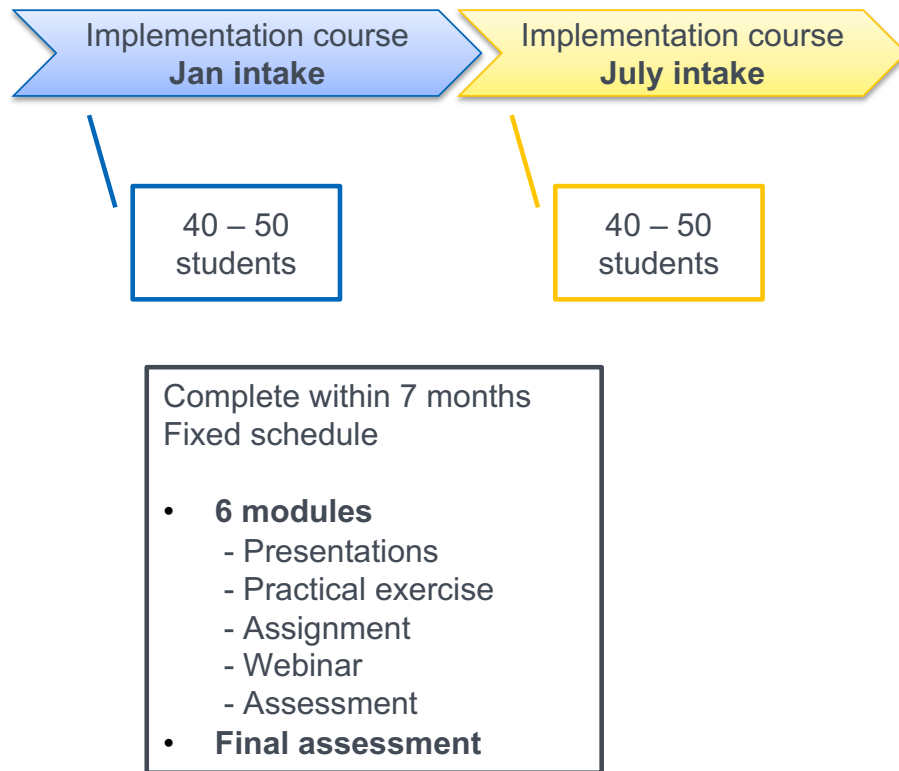
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# Implementation Course Update

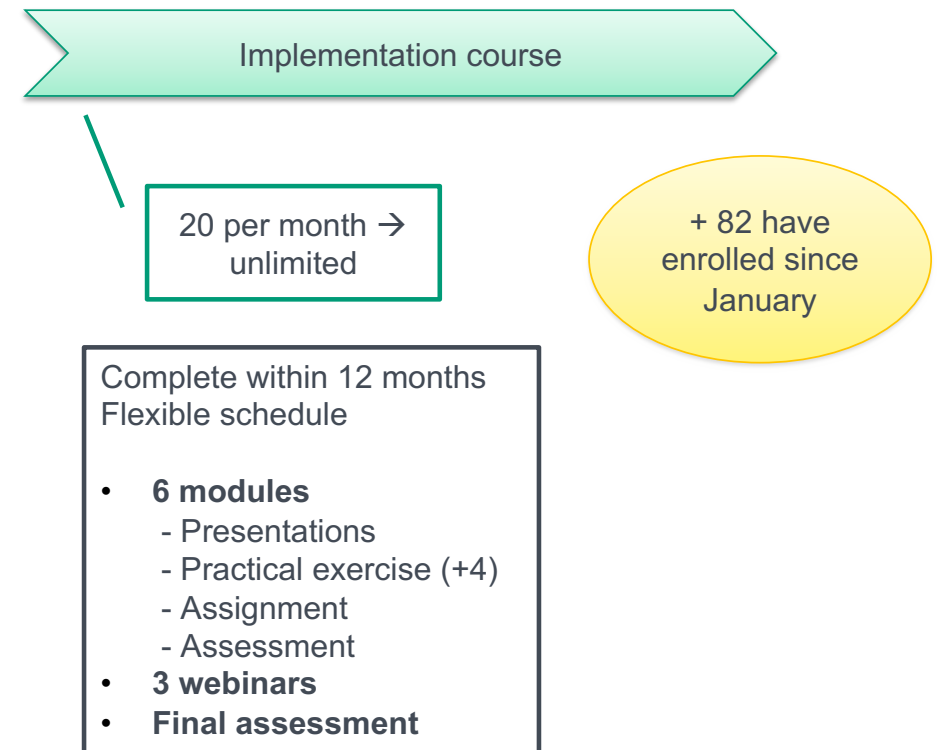


# Implementation Course

## Before Jan 2022



## After Jan 2022



## Agenda

1. ELAG Administration
2. SNOMED International update
3. **Member Reports**
4. Any other business



## *Member reports*

- Review and discuss
  - National Education Activities
  - Priorities and Requirements for Education
  - Feedback on SNOMED International Courses
  - Potential Education Delivery Partners
  - Topics, you would like us to discuss



# Member Reports

## Questions in FOCUS - Thank you for responding to the ELAG survey

- What **SNOMED CT education activities** have been planned or introduced in your region since our last meeting?
- What are the **priorities and requirements** for SNOMED CT education offerings in your country?
- Any Feedback on **SNOMED CT eLearning Experiences?**
- What are the **languages** required for education to drive adoption of SNOMED CT in your region?
- Any Potential **Education Delivery Partners?**

### Objective

- Share experiences and discuss education activities and approaches
- Identify approaches to support national stakeholders in acquiring the knowledge required to implement and use SNOMED CT



# Member Reports

**What SNOMED CT education activities have been planned or introduced in your region since our last meeting?**

- Topic-based webinars
- Terminologist training
- Personalized training
- Translation of courses

# Member Reports

## What SNOMED CT education activities have been planned or introduced in your region since our last meeting?

### Topic-based webinars

**Belgium:** Developer Training Day (Nov 2021 - Primary care/refset impl.). 'Ad hoc' project related training on request.

**Argentina:** Making changes in traditional Standard's Mornings. Made a survey asking for the most relevant topics that SNOMED CT users want to approach and planning this year training based on that demand.

**Netherlands:** Planning new training on implementation, mostly for software developers.

- Done this in the past. What's new? - have a national terminology server, all SNOMED concepts that are relevant for the Netherlands are translated, and we have more 'best practices' to share.

**Australia:** Refreshing website, creating more engaging content about SNOMED CT and the National Clinical Terminology Service (NCTS)

Recommendations (do's and don'ts)?    How to identify topics?    How to engage stakeholders?

# Member Reports

What SNOMED CT education activities have been planned or introduced in your region since our last meeting?

## Terminologist training

Netherlands: Working on an education plan for training terminologists (Plan almost ready).

- Can work outside of NRC, similar to the plan of SNOMED International.
- The reason for this is that they get a lot of requests to help with mappings or making reference sets, but that leaves less room for them to focus on innovation and implementation support.
- It could be valuable to exchange experiences about this!

# Member Reports

What SNOMED CT education activities have been planned or introduced in your region since our last meeting?

## Personalized training

Netherlands: Online escape room - 4 challenges (Almost ready to release).

Participants get to know the problems that can be solved using SNOMED CT and how it can help health care professionals in their daily work.

- e.g. semantic interoperability and why SNOMED CT adds value with its polyhierarchy.
- Last challenge they have to make a selection of patients who should get a preventive treatment for a new disease, by making use of the SNOMED CT hierarchy.
- Main target group is health care professionals, also medical informaticists or software developers.



# Member Reports

What SNOMED CT education activities have been planned or introduced in your region since our last meeting?

## Translation of courses

**Finland:** SCT NRC Finland collaborated with Univ. of Eastern Finland

Finish version of the Foundation course (Now live), Include course in Master's degree programme on Health and human services Informatics of Univ. of Eastern Finland

**Belgium:** Started the French translation of the new/revised SCT Foundation Course

- How is that going, and what recommendations would you have to share with others?

# Member Reports

## SNOMED CT education priorities and requirements?

- **Finland:** Providing free courses and increasing understanding of SNOMED CT.
- **Belgium:** Priority goes to the eHR software vendors.  
 Plan to define education goals and priorities in the following roadmap :
  - Translation of official SNOMED CT courses.
  - Integrating SNOMED CT in the curriculum for healthcare students at the universities.
  - Creating education movies/online courses for different disciplines and end users (clinicians, vendors, ...).
  - Organization of webinars for software vendors? (once have a SNOMED CT implementation specialist in the Belgian NRC).
- **Cyprus:** Slides and/or document (basic) in Greek language.
- **Australia:** Implementers that are interested in terminology services.

# Member Reports

## SNOMED CT education priorities and requirements?

- **Argentina:** Different levels of implementation and strategies for migrating existing systems to SNOMED CT.
- **Canada:** Technical support using SNOWSTORM. Integration of tools to simplify processes. Collaborative editing. Support vendors in implementing standards.
- **Netherlands:** A big priority training terminologists. Also supporting implementation. Another aim is to make SNOMED more known around people (especially health care providers) that are not necessarily already IT engaged. So that there will be more requests to use it.

# Member Reports

## Feedback on SNOMED CT eLearning Experiences?

- **Cyprus:** Auditing the new Foundation course (module A).
- **Argentina:** Our NRC finds very useful the eLearning courses and pathways. We use them to train new employees and also as an input for our own training materials.
- **Finland:** New Foundation Course is good and it will support students more than previous one, because videos are shorter, there are more exercises that clarify the subject.
- **Australia:** Had some people complete the existing foundation course - their interest is more regarding the content so they would have liked to have seen some more information about it. They also commented that some of the questions in the final assessment were ambiguous. However overall, it was a worthwhile course.



# Member Reports

## Feedback on SNOMED CT eLearning Experiences?

- **Netherlands:-** Elearning platform has really nice look and feel, easy to navigate and interactive. Authoring course level 1: Some improvements suggested on presentations length and performance. Some comments on text on handouts, feedback given on assessments and exam. Very much appreciated that there was a low barrier to ask questions and that the responses to those questions were quick and elaborate.  
Authoring course level 2: good course!, less videos and a lot of 'e-books' which was really nice to work with. Nice that the assessments were partly automatized so that you get immediate feedback, and it saves time for the team of SNOMED International.  
Also assessments that were manually checked good feedback was provided.  
Lesson about regularly checking the editorial guide and the templates was very valuable. it is good to be aware to keep checking new guidelines and changes, because it is developing all the time.

## Member Reports

What are the languages required for education to drive adoption of SNOMED CT in your region?

Finland: Finnish, English

Belgium: Dutch and French

Cyprus: Greek

Argentina: Spanish

Canada: French, English

Denmark: English

Netherlands: Dutch, English

# Member Reports

## Potential Education Delivery Partners



**Finland:** Yes, have University of Eastern Finland (UEF) that manage education courses of SNOMED CT. There are some discussions with other universities, who teach pathology, that they could also receive credits for completing the SNOMED CT course.

**Belgium:** Already collaborating with several universities (Faculty of Translation) for the translation of (parts of) the Foundation Course in Dutch and French. The goal is to have the SNOMED CT Foundation Course translated by 2022 Q2 . Within the next roadmap we definitely want to set up collaboration with universities (Faculty of Medicine) in order to have them incorporate relevant SNOMED CT courses in Dutch and French into their education program

**Netherlands:** In touch with the study 'Medical informatics' of Amsterdam University Medical Center. We have discussed them possibly hosting the Foundation Course (nationalized to the Dutch situation). They were interested, but only for the new version of the Foundation Course. So, we are waiting until that version is published and will reconnect again to investigate the possibilities.

# Member Reports

## Topics, you would like us to discuss

**Belgium:** Education partnership possibilities, e.g. an NRC or university hosting an official SCT course

**Canada:** With the wish to use International Patient Summary (IPS), many interoperability issues arose. Are there other countries that are facing challenges and what is the plan to address these?



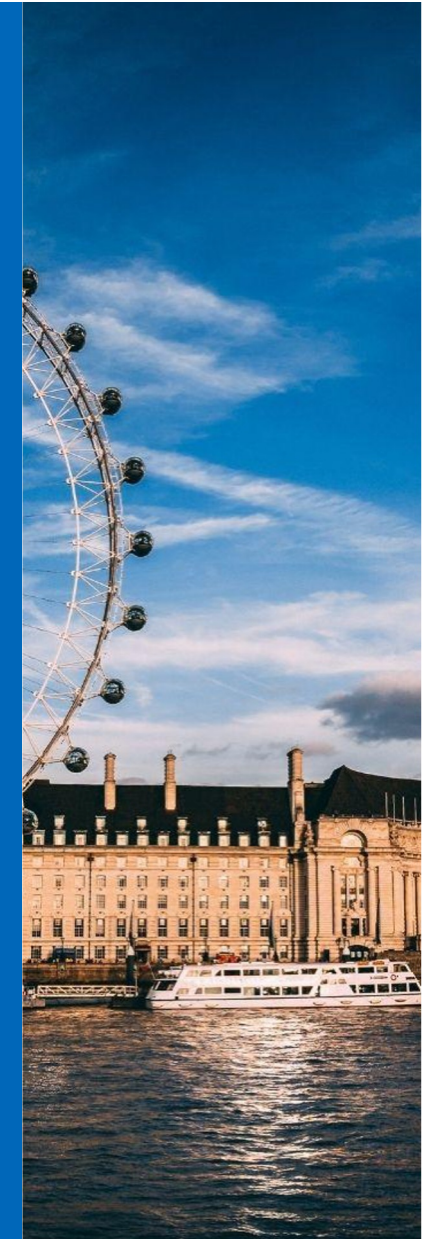


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## *E-Learning Courses*

- SNOMED CT courses are all free for SNOMED International Members
- Fees for certification exams (50% discount for Members)
- Members – 1 free certification exam per year for each type of certification exam
- Increased demand for courses - book early
- Authoring Courses
  - Currently, course seats are offered by a first come, first served basis so book early (Capped)
  - Places retained for NRC's





Quality Data, Informed Healthcare

# Call for Abstracts

Submit your abstract online at [snomedexpo.org](https://snomedexpo.org) before April 17, 2022

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# Thank You

**SNOMED**  
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