

Briefing Note for the Member Forum, Content Managers Advisory Group and Clinical Leads Group

24 October 2022

Generalized onset and structural grouper seizure content

Purpose

To advise the Member Forum (MF), Content Managers Advisory Group (CMAG) and Clinical Leads Group about the changes in generalized onset and structural grouper seizure content, that will be available in the October 2022 International Release.

Background

SNOMED International in collaboration with the [The International League Against Epilepsy](#) is working on improving the seizure and epilepsy content within the sub hierarchies of 313287004 |Seizure related finding (finding)| and 84757009 |Epilepsy (disorder)|, excluding Orphanet related content. An [initial briefing note](#) on the work was provided in April 2022.

Seizure finding Content Changes

The content changes for the October 2022 release are in the area of generalized onset seizures and structural groupers for seizures.

These changes include:

- 17 new concepts e.g. 1208966001 |Generalized onset motor epileptic seizure (finding)|
- Inactivation of 22 ambiguous and outdated concepts - list below
- Development of naming conventions: e.g. Generalized onset epileptic <x> seizure (finding)
- Inactivation of outdated descriptions: e.g. |Petit mal| from concept 79631006 |Absence seizure (finding)|

- Addition of text definitions

Inactivated Concepts

Given the impact of inactivation on current implementations a list of the inactivated concepts has been provided below.

When reviewing the list please note that some concepts, such as 51887003 |Tonic seizure (finding) had been incorrectly located in the hierarchy e.g. as a subtype of 246545002 |Generalized seizure (finding)]. These types of concepts may have been interpreted by a user as a seizure with a generalized onset, a seizure where the onset is unknown or even a seizure with a focal onset, therefore they have been inactivated as ambiguous with the relevant historical associations and replacement concepts provided.

- 42365007 |Atonic seizure (disorder)|
- 189198006 |Epileptic drop attack (disorder)|
- 53521000119106 |First generalized onset seizure (disorder)|
- 68091000119102 |Intractable absence seizures (disorder)|
- 37356005 |Myoclonic seizure (disorder)|
- 246549008 |Absence seizure with atonic components (finding)|
- 246551007 |Absence seizure with automatisms (finding)|
- 246552000 |Absence seizure with autonomic components (finding)|
- 246550008 |Absence seizure with tonic components (finding)|
- 41119002 |Akinetic seizure without atonia (finding)|
- 443410001 |Childhood seizure (finding)|
- 6208003 |Clonic seizure (finding)|
- 2665008 |Coordinate convulsion (finding)|
- 230737003 |Drop attacks in middle-aged woman (finding)|
- 445095002 |Epileptic seizure witnessed by provider of history other than subject (finding)|
- 192982004 |Epileptic seizures - akinetic (finding)|
- 723437000 |Infantile spasm (finding)|
- 18191000 |Salaam spasm (finding)|
- 277130004 |Seizure undetermined whether focal or generalized (finding)|
- 981000119108 |Single epileptic seizure (finding)|
- 51887003 |Tonic seizure (finding)|
- 54200006 |Tonic-clonic seizure (finding)|

Next Steps

Any questions on this work should be sent to info@snomed.org with the subject 'Epilepsy Consultation'.

Approvals	Date	Name
Chief Terminologist	17 October 2022	James T. Case
Director of Content and Mapping	20 October 2022	Monica Harry

Cathy Richardson, 2022-10-14