

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

03 May 2023

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### Focal Seizure and Epilepsy Content Changes

#### Purpose

To advise the Member Forum, Content Managers Advisory Group and Clinical Leads Group about the changes to seizure and epilepsy that will be present in the May 2023 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)|. The initial briefing note on the work was provided in April 2022 and the structural and generalized seizure content changes briefing note was released in October 2022. Both of these notes may be viewed [here](#).

The content changes for the May 2023 release are in the following areas:

- Seizures with a focus on structural and semiological focal seizures
- Epilepsy with focus on generalized epilepsies

#### Focal Seizure Content Changes

The focal seizure content changes include:

- 37 new concepts e.g. 1269356000 |Focal onset aware automatism epileptic seizure (finding)|
- Change of semantic tag from (disorder) to (finding) where required to align with the decision that seizure concepts should use the semantic tag (finding).
- Updating of concept descriptions where the naming of the seizure type had changed
- Addition of text definitions
- Inactivation of 25 ambiguous, outdated and duplicate concepts - list provided as an appendix
- Inactivation of outdated descriptions

## Epilepsy Content Changes

The epilepsy content changes include:

- 3 new concepts e.g. 1275631007 |Developmental and epileptic encephalopathy (disorder)|
- Updating of concept descriptions where the naming of the disorder has changed
- Addition of text definitions
- Inactivation of 36 ambiguous, outdated, duplicate and classification derived concepts - list provided as an appendix
- Inactivation of outdated descriptions.

Please note, while the concept 1275631007 |Developmental and epileptic encephalopathy (disorder)| has been added to the terminology, some concepts that are subtypes may not yet be stated as subtypes. The work on this area is expected to be complete by the end of the third quarter 2023.

## Next Steps

Any questions on this work should be sent to [info@snomed.org](mailto:info@snomed.org) with the subject 'Epilepsy Consultation'.

Approvals	Date	Name
Chief Terminologist	2023-05-02	James T. Case
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## Appendix A: Inactivated Concepts

Id	FSN	Reason	Assoc Type	Assoc Value
246537007	Affective seizure (disorder)	OUTDATED	REPLACED BY	1285078002  Focal onset emotional epileptic seizure (finding)
8291000119107	Atonic epilepsy (disorder)	OUTDATED	REPLACED BY	84757009  Epilepsy (disorder)
49776008	Centrencephalic epilepsy (disorder)	OUTDATED	REPLACED BY	19598007  Generalized epilepsy (disorder)
702753003	Complete partial seizure of uncertain origin (disorder)	AMBIGUOUS	POSSIBLY EQUIVALENT TO	29753000  Focal onset epileptic seizure (finding)
246542004	Complex part seizure with impairment of consciousness only (disorder)	DUPLICATE	SAME AS	407675009  Focal onset impaired awareness epileptic seizure (finding)
74737003	Complex partial seizure + impairment consciousness at onset (disorder)	DUPLICATE	SAME AS	407675009  Focal onset impaired awareness epileptic seizure (finding)
51075009	Complex partial seizure evolving to generalized seizure (disorder)	OUTDATED	POSSIBLY REPLACED BY	246544003  Focal to bilateral tonic-clonic epileptic seizure (finding)
			POSSIBLY REPLACED BY	407675009  Focal onset impaired awareness epileptic seizure (finding)
4103001	Complex partial seizure with impairment of consciousness (disorder)	DUPLICATE	SAME AS	407675009  Focal onset impaired awareness epileptic seizure (finding)
230415009	Cryptogenic generalized epilepsy (disorder)	OUTDATED	REPLACED BY	19598007  Generalized epilepsy (disorder)
230427007	Cryptogenic myoclonic epilepsy (disorder)	OUTDATED	REPLACED BY	19598007  Generalized epilepsy (disorder)

29963001	Dysmnestic seizure (disorder)	OUTDATED	REPLACED BY	1284865006  Focal onset cognitive epileptic seizure with memory impairment (finding)
442481002	Epilepsy characterized by intractable complex partial seizures (disorder)	OUTDATED	POSSIBLY REPLACED BY	230381009  Focal epilepsy (disorder)
			POSSIBLY REPLACED BY	1263935000  Drug resistance to anti-seizure medication (disorder)
230435005	Epilepsy undetermined whether focal or generalized (disorder)	CLASS_DERIVED_COMPONENT	REPLACED BY	84757009  Epilepsy (disorder)
422513000	Epilepsy, not refractory (disorder)	OUTDATED	REPLACED BY	84757009  Epilepsy (disorder)
449203004	Focal seizure with experiential sensory symptoms (disorder)	OUTDATED	REPLACED BY	1259196009  Focal onset nonmotor onset epileptic seizure (finding)
65120008	Generalized convulsive epilepsy (disorder)	AMBIGUOUS	POSSIBLY EQUIVALENT TO	19598007  Generalized epilepsy (disorder)
			POSSIBLY EQUIVALENT TO	84757009  Epilepsy (disorder)
			POSSIBLY EQUIVALENT TO	230414008  Epilepsy with generalized tonic-clonic seizures alone (disorder)
698760002	Generalized non-convulsive absence epilepsy (disorder)	OUTDATED	POSSIBLY REPLACED BY	19598007  Generalized epilepsy (disorder)
			POSSIBLY REPLACED BY	230413002  Juvenile absence epilepsy (disorder)
			POSSIBLY REPLACED BY	50866000  Childhood absence epilepsy (disorder)
192979009	Generalized non-convulsive epilepsy (disorder)	AMBIGUOUS	POSSIBLY EQUIVALENT TO	19598007  Generalized epilepsy (disorder)
230428002	Idiopathic myoclonic epilepsy (disorder)	AMBIGUOUS	POSSIBLY EQUIVALENT TO	1260407007  Genetic generalized epilepsy (disorder)
			POSSIBLY EQUIVALENT TO	6204001  Juvenile myoclonic epilepsy (disorder)
			POSSIBLY EQUIVALENT TO	192990004  Myoclonic epilepsy in infancy (disorder)

290871000119101	Infantile spasms co-occurrent with status epilepticus (disorder)	OUTDATED	POSSIBLY REPLACED BY	230456007  Status epilepticus (disorder)
			POSSIBLY REPLACED BY	1217008005  Epileptic spasms (finding)
84221000119101	Intractable partial frontal lobe epilepsy with impairment of consciousness (disorder)	OUTDATED	POSSIBLY REPLACED BY	192999003  Partial epilepsy with impairment of consciousness (disorder)
			POSSIBLY REPLACED BY	1263935000  Drug resistance to anti-seizure medication (disorder)
			POSSIBLY REPLACED BY	14401000119109  Partial frontal lobe epilepsy (disorder)
84231000119103	Intractable partial occipital lobe epilepsy with impairment of consciousness (disorder)	OUTDATED	POSSIBLY REPLACED BY	192999003  Partial epilepsy with impairment of consciousness (disorder)
			POSSIBLY REPLACED BY	20121000119105  Partial occipital lobe epilepsy (disorder)
			POSSIBLY REPLACED BY	1263935000  Drug resistance to anti-seizure medication (disorder)
84201000119105	Intractable partial temporal lobe epilepsy with impairment of consciousness (disorder)	OUTDATED	POSSIBLY REPLACED BY	193000002  Temporal lobe epilepsy (disorder)
			POSSIBLY REPLACED BY	192999003  Partial epilepsy with impairment of consciousness (disorder)
			POSSIBLY REPLACED BY	1263935000  Drug resistance to anti-seizure medication (disorder)
119001000119108	Intractable simple partial epilepsy (disorder)	OUTDATED	POSSIBLY REPLACED BY	230381009  Focal epilepsy (disorder)
			POSSIBLY REPLACED BY	1263935000  Drug resistance to anti-seizure medication (disorder)
230433003	Isolated seizures (disorder)	AMBIGUOUS	POSSIBLY EQUIVALENT TO	313307000  Epileptic seizure (finding)
			POSSIBLY EQUIVALENT TO	84757009  Epilepsy (disorder)
			POSSIBLY EQUIVALENT TO	91175000  Seizure (finding)

230412007	Myoclonic epilepsy of early childhood (disorder)	OUTDATED	POSSIBLY REPLACED BY	84757009  Epilepsy (disorder)
			POSSIBLY REPLACED BY	192990004  Myoclonic epilepsy in infancy (disorder)
42440009	Partial seizure with illusions and hallucinations (disorder)	OUTDATED	REPLACED BY	33941008  Focal onset cognitive epileptic seizure (finding)
13847000	Partial seizure with impaired consciousness (disorder)	DUPLICATE	SAME AS	407675009  Focal onset impaired awareness epileptic seizure (finding)
60338000	Partial seizure with multiple symptoms (disorder)	AMBIGUOUS	POSSIBLY EQUIVALENT TO	29753000  Focal onset epileptic seizure (finding)
246532001	Phonatory seizure (disorder)	AMBIGUOUS	POSSIBLY EQUIVALENT TO	128612007  Focal onset motor onset epileptic seizure (finding)
246531008	Postural seizure (disorder)	AMBIGUOUS	POSSIBLY EQUIVALENT TO	128612007  Focal onset motor onset epileptic seizure (finding)
47391000119107	Primary generalized absence epilepsy (disorder)	OUTDATED	POSSIBLY REPLACED BY	230413002  Juvenile absence epilepsy (disorder)
			POSSIBLY REPLACED BY	1260407007  Genetic generalized epilepsy (disorder)
			POSSIBLY REPLACED BY	50866000  Childhood absence epilepsy (disorder)
10701000119109	Refractory complex partial seizure with impairment of consciousness (disorder)	OUTDATED	POSSIBLY REPLACED BY	1263935000  Drug resistance to anti-seizure medication (disorder)
			POSSIBLY REPLACED BY	407675009  Focal onset impaired awareness epileptic seizure (finding)
445355009	Refractory epilepsy (disorder)	OUTDATED	POSSIBLY REPLACED BY	1263935000  Drug resistance to anti-seizure medication (disorder)
			POSSIBLY REPLACED BY	84757009  Epilepsy (disorder)
425237009	Refractory frontal lobe epilepsy (disorder)	OUTDATED	POSSIBLY REPLACED BY	230394006  Frontal lobe epilepsy (disorder)

			POSSIBLY REPLACED BY	1263935000  Drug resistance to anti-seizure medication (disorder)
3371000119106	Refractory generalized convulsive epilepsy (disorder)	OUTDATED	POSSIBLY REPLACED BY	19598007  Generalized epilepsy (disorder)
			POSSIBLY REPLACED BY	230414008  Epilepsy with generalized tonic-clonic seizures alone (disorder)
			POSSIBLY REPLACED BY	1263935000  Drug resistance to anti-seizure medication (disorder)
441678004	Refractory generalized nonconvulsive epilepsy (disorder)	OUTDATED	POSSIBLY REPLACED BY	19598007  Generalized epilepsy (disorder)
			POSSIBLY REPLACED BY	1263935000  Drug resistance to anti-seizure medication (disorder)
710046001	Refractory idiopathic generalized epilepsy (disorder)	OUTDATED	POSSIBLY REPLACED BY	1263935000  Drug resistance to anti-seizure medication (disorder)
			POSSIBLY REPLACED BY	36803009  Idiopathic generalized epilepsy (disorder)
290881000119103	Refractory infantile spasms co-occurrent with status epilepticus (disorder)	OUTDATED	POSSIBLY REPLACED BY	230456007  Status epilepticus (disorder)
			POSSIBLY REPLACED BY	1217008005  Epileptic spasms (finding)
698761003	Refractory juvenile myoclonic epilepsy (disorder)	OUTDATED	POSSIBLY REPLACED BY	1263935000  Drug resistance to anti-seizure medication (disorder)
			POSSIBLY REPLACED BY	6204001  Juvenile myoclonic epilepsy (disorder)
422724001	Refractory localization-related epilepsy (disorder)	OUTDATED	POSSIBLY REPLACED BY	230381009  Focal epilepsy (disorder)
			POSSIBLY REPLACED BY	1263935000  Drug resistance to anti-seizure medication (disorder)
698762005	Refractory myoclonic epilepsy (disorder)	OUTDATED	POSSIBLY REPLACED BY	19598007  Generalized epilepsy (disorder)
			POSSIBLY REPLACED BY	1263935000  Drug resistance to anti-seizure medication (disorder)

425054007	Refractory occipital lobe epilepsy (disorder)	OUTDATED	POSSIBLY REPLACED BY	1263935000  Drug resistance to anti-seizure medication (disorder)
			POSSIBLY REPLACED BY	230404004  Occipital lobe epilepsy (disorder)
425349008	Refractory parietal lobe epilepsy (disorder)	OUTDATED	POSSIBLY REPLACED BY	230403005  Parietal lobe epilepsy (disorder)
			POSSIBLY REPLACED BY	1263935000  Drug resistance to anti-seizure medication (disorder)
230455006	Self-induced non-photosensitive epilepsy (disorder)	OUTDATED	POSSIBLY REPLACED BY	84757009  Epilepsy (disorder)
			POSSIBLY REPLACED BY	50705009  Factitious disorder (disorder)
246541006	Simple partial onset of seizure with automatisms (disorder)	AMBIGUOUS	POSSIBLY EQUIVALENT TO	1269356000  Focal onset aware automatism epileptic seizure (finding)
49644006	Simple partial onset seizure followed by impaired consciousness (disorder)	DUPLICATE	SAME AS	407675009  Focal onset impaired awareness epileptic seizure (finding)
61484000	Simple partial seizure evolving to generalized seizure (disorder)	OUTDATED	REPLACED BY	246544003  Focal to bilateral tonic-clonic epileptic seizure (finding)
59457001	Simple partial seizure evolving to secondary generalized seizure (disorder)	OUTDATED	REPLACED BY	246544003  Focal to bilateral tonic-clonic epileptic seizure (finding)
246540007	Simple partial seizure followed by impaired consciousness (disorder)	DUPLICATE	SAME AS	407675009  Focal onset impaired awareness epileptic seizure (finding)
246528007	Simple partial seizure with focal motor signs without march (disorder)	OUTDATED	REPLACED BY	82401000  Focal onset aware motor onset epileptic seizure (finding)
72103000	Simple partial seizure with special sensory symptoms (disorder)	OUTDATED	REPLACED BY	246533006  Focal onset aware sensory epileptic seizure (finding)



79348005	Simple partial seizure, consciousness not impaired (disorder)	DUPLICATE	SAME AS	117891000119100  Focal onset aware epileptic seizure (finding)
290671000119100	Status epilepticus due to complex partial epileptic seizure (disorder)	OUTDATED	POSSIBLY REPLACED BY	230460005  Complex partial status epilepticus (disorder)
			POSSIBLY REPLACED BY	407675009  Focal onset impaired awareness epileptic seizure (finding)
290691000119104	Status epilepticus due to generalized idiopathic epilepsy (disorder)	OUTDATED	POSSIBLY REPLACED BY	230456007  Status epilepticus (disorder)
			POSSIBLY REPLACED BY	36803009  Idiopathic generalized epilepsy (disorder)
290711000119101	Status epilepticus due to intractable idiopathic generalized epilepsy (disorder)	OUTDATED	POSSIBLY REPLACED BY	230456007  Status epilepticus (disorder)
			POSSIBLY REPLACED BY	36803009  Idiopathic generalized epilepsy (disorder)
290681000119102	Status epilepticus due to refractory complex partial seizures (disorder)	OUTDATED	POSSIBLY REPLACED BY	230460005  Complex partial status epilepticus (disorder)
			POSSIBLY REPLACED BY	407675009  Focal onset impaired awareness epileptic seizure (finding)
290721000119108	Status epilepticus due to refractory epilepsy (disorder)	OUTDATED	POSSIBLY REPLACED BY	230456007  Status epilepticus (disorder)
			POSSIBLY REPLACED BY	84757009  Epilepsy (disorder)
290761000119103	Status epilepticus due to refractory simple partial epilepsy (disorder)	OUTDATED	POSSIBLY REPLACED BY	230381009  Focal epilepsy (disorder)
			POSSIBLY REPLACED BY	230456007  Status epilepticus (disorder)
291311000119108	Status epilepticus in benign Rolandic epilepsy (disorder)	OUTDATED	POSSIBLY REPLACED BY	230456007  Status epilepticus (disorder)
			POSSIBLY REPLACED BY	44145005  Benign Rolandic epilepsy (disorder)
71831005	Symptomatic generalized epilepsy (disorder)	OUTDATED	REPLACED BY	84757009  Epilepsy (disorder)
230430000	Symptomatic myoclonic epilepsy (disorder)	OUTDATED	POSSIBLY REPLACED BY	19598007  Generalized epilepsy (disorder)
			POSSIBLY REPLACED BY	84757009  Epilepsy (disorder)



352818000	Tonic-clonic epilepsy (disorder)	OUTDATED	REPLACED BY	84757009  Epilepsy (disorder)
57935008	Epileptic aura (finding)	OUTDATED	REPLACED BY	1259196009  Focal onset nonmotor onset epileptic seizure (finding)