

Briefing Note for the Member Forum August 2022

Changes to the modeling of 363101005 |Drug withdrawal (disorder)| subhierarchy

Purpose

The purpose of this note is to inform the Member Forum of proposed changes to the modeling and terming of concepts that are currently subsumed by 363101005 |Drug withdrawal (disorder)|.

Issues

As part of the Quality Improvement project for SNOMED CT, an evaluation of concepts in this subhierarchy found inconsistent modeling and terming. In addition, the modeling and terming of these concepts is not in alignment with the current editorial guidelines for [Disorder Combination Modeling](#). The modeling and terming of the concepts will be updated to reflect the associated meaning. Here is a summary of applicable content changes:

- "363101005 |Drug withdrawal (disorder)|" will be replaced with a new concept representing "Substance withdrawal syndrome". The word "drug" in the existing term is ambiguous. Withdrawal syndrome can occur with a wide range of substances, including ethanol, many illicit drugs, and prescription medications.
- The majority of the concepts in this subhierarchy are of type "X withdrawal due to and following X dependance". These concepts will be modeled as subtypes of "Substance withdrawal syndrome" with "Due to" and "After" attributes = "X dependance". Examples of these types of concepts are as follows:
 - 74934004 |Psychoactive substance-induced withdrawal syndrome (disorder)|
 - 1220658004 |Ruxolitinib discontinuation syndrome (disorder)|
 - 95635002 |Caffeine withdrawal (disorder)|
- Some of the concepts in this hierarchy are of type "X due to Y withdrawal". These concepts will be modeled as children of X disorders that are the main focus of these concepts (e.g seizure, perceptual disturbance, delirium), with a "Due to" attribute = Y, where Y = << "Substance withdrawal syndrome". Examples of these types of concepts are as follows:
 - 735235000 |Seizure co-occurrent and due to drug withdrawal (disorder)|

- 724726005 |Perceptual disturbances co-occurrent and due to psychoactive substance withdrawal (disorder)|
- 724728006 |Perceptual disturbances and seizures co-occurrent and due to psychoactive substance withdrawal (disorder)|
- 8635005 |Alcohol withdrawal delirium (disorder)|

Next Steps

The remodeling and reterming of concepts will be updated. It is anticipated that this work will be completed and released in either the September or October 2022 release.

Recommendations

It is recommended that Member Forum representatives give advance warning to users who may be affected by these changes.

Approvals	Date	Name
Chief Terminologist	August 1, 2022	James T. Case
Director of Content and Mapping	July 27th, 2022	Monica Harry

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