



Content Release Summary
CA Element Set Foundation
January 2023



Overview

The January 2023 release of the CA Element Set Foundation was a scheduled quarterly publication. These content assets are compatible with Symedical 2.4 and later. The next scheduled release will be April 2023.

Content Summary

General Information

The CA Element Set Foundation element set contains elements (value sets) with bindings to standard terminologies that are publicly available in the United States (e.g., SNOMED CT, LOINC, RxNorm, ICD-10-CM, ICD-10-PCS). It contains 2,411 elements (2,401 active and 10 retired) that are intended to be used for rules-based logical reasoning (inferences), ontologies (clinical view models), analytics, display grouping, summarization, and other purposes.

This content release includes the following changes:

Condition Chronicity Attribute

A “Condition Chronicity” attribute has been added to the January 2023 release of CA Element Set Foundation. Attribute values are populated for every element and are listed as follows:

- Acute: applies to elements where all expansion terms represent acute conditions
- Chronic: applies to elements where all expansion terms represent chronic conditions
- Both: applies to elements with expansion terms that represent a mixture of acute and chronic conditions. In some cases, any one expansion term may represent both acute and chronic conditions (e.g., acute exacerbation of chronic obstructive pulmonary disease).
- Not Applicable: applies to elements where expansion terms do not represent conditions (e.g., labs, medications, vital signs, observations)

Element Additions

Six elements have been added, including elements related to COVID-19 and various other conditions, procedures, and medications.

Element Retirement

The “Carbuncle and Furuncle, Unspecified Etiology” element was retired as this was a duplicate of the “Carbuncle, Unspecified Etiology” element.

Element Updates

Element name and/or scope clarifications are listed as follows:

Conditions

- Bradyarrhythmias: removed SNOMED CT terms with a Semantic Tag of “Finding”
- Carcinoma In Situ of Colon: removed terms related to carcinoma in situ of rectosigmoid region which may be found in the “Carcinoma In Situ of Rectum” element
- Cauda Equina Injury/Syndrome: updated element name (previously “Cauda Equina Syndrome”) in alignment with existing reference term definitions
- Celiac Disease: removed stand-alone terms related exclusively to complications of celiac disease (e.g., microscopic enteritis)
- Cerebral Atherosclerosis: removed terms related to multi-infarct dementia
- Cerebral Palsy: removed terms related to genetic disorders which may be characterized by the presence of cerebral palsy but are distinct from cerebral palsy
- Chondrocalcinosis: clarified element scope and included terms related to familial chondrocalcinosis
- Diabetes Mellitus with Chronic Complications: removed terms related to acute complications of diabetes mellitus and complications whose chronicity is unspecified
- Eruptive Xanthoma: updated element name (previously “Xanthoma, Eruptive”) and updated the Condition Chronicity attribute value to “Both” (previously listed as “Acute”)
- Ischemic Stroke: removed terms related to cerebrovascular accident and cerebral infarction where underlying etiology is unspecified or unknown
- Ischemic Stroke, Unspecified Etiology: removed terms that do not specify underlying ischemic causes
- Mpox Virus Infection: updated element name (previously “Monkeypox Virus Infection”)
- Nephrolithiasis: removed terms related to bladder and urethral calculi
- Nephrotic Syndrome: removed terms related to genetic disorders where nephrotic syndrome may or may not be a clinical feature (e.g., Pierson Syndrome)
- Pneumomediastinum: removed interstitial emphysema terms and updated the Condition Chronicity attribute value to “Acute” (previously listed as “Both”)
- Non-ischemic Cardiomyopathy: updated element name (previously “Cardiomyopathy, Non-Ischemic Dilated”) and removed terms for ischemic cardiomyopathy
- Upper Respiratory Tract Infections: clarified element scope and removed terms related to carbuncles and/or furuncles
- Uterine Cancer: removed terms related to cervical cancer which may be found in the “Cervical Cancer” element
- Valvular Heart Diseases: clarified element scope and removed terms related solely to septal defects
- Venous Thromboembolism: removed term related to cavernous sinus syndrome
- Ventricular Tachyarrhythmias: clarified element scope and removed terms related to supraventricular arrhythmias (e.g., paroxysmal supraventricular tachycardia)
- Vitamin B12 Deficiency Anemia: clarified element scope and removed transcobalamin II deficiency term
- Vitreous Hemorrhage: removed terms related to Terson’s syndrome
- Vitreous Hemorrhage, Unspecified Etiology: clarified element scope and removed terms related to intraocular hemorrhage and hemorrhagic posterior vitreous detachment

Medications

- Glucocorticoid Corticosteroids, Systemic, Multi-ingredient: removed terms related to topical formulations of hydrocortisone, betamethasone, prednisolone, and prednisone

- Glucocorticoid Corticosteroids, Systemic, Single- and Multi-ingredient: removed terms related to topical formulations of hydrocortisone, betamethasone, prednisolone, and prednisone
- Vaccine - Mpox and Smallpox (Live Non-attenuated, Replicating): updated element name (previously “Monkeypox and Smallpox (Live Non-attenuated, Replicating)”)
- Vaccine - Mpox and Smallpox (Live-attenuated, Non-replicating): updated element name (previously “Vaccine - Monkeypox and Smallpox (Live-attenuated, Non-replicating)”)

Laboratory

- Mpox Virus: updated element name (previously “Monkeypox Virus”)
- Mpox Virus DNA, Unspecified Specimen: updated element name (previously “Monkeypox Virus”)

Term types for the following elements were updated from “General (GENERAL)” to “Finding - General (DISORDER)”:

- Angina Pectoris
- Hyperphosphatemia
- Open Wounds of Head, Neck, and Trunk
- Sprains and Strains

Support

Refer to the corresponding CA Element Set Foundation User Guide for additional information. Please contact your client support representative if you have any questions or feedback.