

Embase®

Emtree 2024.03 release notes

General improvements

Diseases

Addition of 207 new disease concepts in total, among which:

- Correction of 'decerebrate rigidity' previously hidden as synonym to 'decerebration' and 'opisthotonus' previously only connected to 'tetany', these concepts were brought together under the 'abnormal posture'-branchlet, plus addition of 2 more 'abnormal posture/rigidity'-related concepts
- Addition of 17 new emphysema-related concepts
- Addition of 15 new poisoning/envenomation-related concepts
- Addition of 6 new 'pain'-related concepts
- Addition of 5 new 'complication'-related concepts
- Addition of 4 new 'dysphagia'-related concepts
- 200+ terms have been added as a part of ongoing project of taxonomy enrichment "metabolic disorder", the branch "Inborn errors of metabolism" has been re-organized with terms included based on to the classification based on SSIEM and ICD-11 classifications.
- This includes disorders of inborn errors and metabolic disorders related to carbohydrates, proteins, lipids, mitochondrial disorders along with metabolic disorders related to vitamins, minerals and co-factors involved in intermediary metabolism.

Drugs and chemicals

Updates regarding all routinely monitored sources were provided.

The United States Adopted Names published from March 2024 until June 2024 (included) were incorporated.

Names of newly approved drugs, drugs under consideration and drug trade names as published by the FDA, EMA and MHRA in the period February 2024 - May 2024 (included) were incorporated.



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In total, 70 new concepts have been added.

Medical devices

432 new alternative labels have been added to the medical device branch of Emtree.

- Of these 432 new alternative labels 274 comprise new device trade names. These include FDA's recently approved devices until the date of editorial freeze.
- 11 new concepts have been added.
- Some new additions have been added to the branch of 'diagnostic kit' to expand the coverage of IVD concepts and to the branch of 'stent graft'.
- Vascular prosthesis changes: to improve the border between the 'medical device' and 'procedure' branches, concept 'aortic aneurysm endovascular graft' had its medical device links removed, and its device related altlabels (mostly tradenames) have been moved to new concepts 'abdominal aortic stent graft' and 'thoracic aortic stent graft'. Trade names with disambiguators had their disambiguator updated to reflect the new concept.
- Several new concepts were added to 'stent graft': 'iliofemoral artery stent graft', 'venous stent graft', 'peripheral artery stent graft', 'intracranial stent graft' and 'arteriovenous stent graft'
- Part of our maintenance efforts include addition and maintenance of GMDN (Global Medical Device Nomenclature) terms. 161 new GMDN terms have been added to existing Emtree concepts as alternative labels in this release, mostly in the field of diagnostic kits. All GMDN terms in Emtree were updated with the most recent information from the GMDN website. With our coverage of GMDN terms we provide a connection with terms as used by FDA's GUDID. This update reflects the last update of GMDN terms, going forward our GMDN coverage will remain as-is.

Anatomy

In total 65 new 'anatomy'-related concepts have been added:

- Revision of 'plexus'-hierarchy and addition of 18 new 'plexus'-related concepts
- Revision of 'meninx'-hierarchy and addition of 7 new concepts to this branch

Procedures

In total 92 new 'procedure' concepts were added:

- Revision of the 'excision'-branch: introduction of an 'adenectomy'='gland excision'-branch, linking previously unrelated '...ectomy'-concepts to the 'excision'-branch and addition of 47 new 'excision'-related concepts in total
- Addition of surgical plication branchlet, whereby adding 4 new concepts
- Addition of 6 new dialysis-related concepts

Organisms

In total 85 new organisms and 424 new organism terms have been added to Emtree,

- 61 of the new organisms are SARS-CoV-2 related, amongst which 36 are new isolates, strains or variants.
- To improve the structure and discoverability of the SARS-CoV-2 pseudotyped viruses, the branch is refactored entirely, now grouping the SARS-CoV-2 pseudotyped virus related organisms on SARS-CoV-2 variant, used virus and pseudotyped protein.

Society

- Addition of 17 new 'food'-related concepts
- Addition of 6 new 'diet'-related concepts

Mainly in the context of additions for 'dysphagia-friendly/texture-modified'