

## **Emtree 2024.02 release notes**

### **Diseases**

Addition of 223 new disease concepts in total, among which:

- Revision of 'complication' branch and addition of 96 new complication-related concepts, and expansion of synonyms
- Addition of 'exertion induced disorder'-branch, bringing together various exercise/exertion-related disorders that were previously unrelated throughout the hierarchy, and addition of 20 new concepts to this branch
- Addition of 5 new 'aneurysm'-concepts
- Addition of 14 new 'pain'-related concepts
- As a part of ongoing project of taxonomy enrichment "metabolic disorder" "Inborn errors of metabolism" branch has been re-organized with attention to the classification based on type of the disease. In further releases, there will be updates on storage disorders and energy metabolism inborn errors.
- Various new concepts have been split from existing head and neck tumors based on histological variety.

### **Drugs and chemicals**

Updates regarding all routinely monitored sources were provided.

- The content of list 130 (published on 29/02/2024) of proposed INNs the including the COVID-19 special edition as published by the WHO was incorporated (236 entries) and published corrections on previous lists were processed.
- The United States Adopted Names published from November 2023 until February 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 October 2023 - January 2024 (included) were incorporated.

In total, 251 new concepts have been added.

### **Medical devices**

- 128 new alternative labels have been added to the medical device branch of Emtree.
- Of these 442 new alternative labels 8 comprise new device trade names. These include FDA's recently approved devices until the date of editorial freeze.



- 79 new concepts have been added.
  - Most of these new additions have been added to the branch of 'diagnostic kit' in an effort to expand the coverage of IVD concepts.
  - Concepts associated with 'implant envelope' were added: 'implant envelope', 'antibiotic envelope' and 'absorbable antibacterial envelope'.
- Part of our maintenance efforts include addition and maintenance of GMDN (Global Medical Device Nomenclature) terms. 91 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. By improving and maintaining our coverage of GMDN terms we provide a connection with terms as used by FDA's GUDID.

## **Anatomy**

Addition of 124 new concepts, among which

- Revision of hierarchy to bring together anatomical landmarks, sites, axes, regions, planes and quadrants under 'anatomical orientation'-branch, also hereby adding 52 new concepts
- Revision of 'glandular system'-branch and addition of 50 new gland-related concepts

## **Procedures**

Addition of 172 new concepts, among which

- 21 new concepts added under branch 'microscopy'
- 3 new concepts added under branch 'visual system examination'
- 76 new concepts added under branch 'surgery'
- 8 new concepts added under branch 'coating'
- 5 new concepts added under 'glycosylation'
- 9 new concepts added under 'safety procedure'
- Revision of 'minimally invasive surgery' bringing together concepts previously unrelated in the hierarchy, and addition of 10 new concepts to this branch

## **Parameters**

28 new concepts have been added, of which 22 concepts under branch 'visual system parameters'

## **Organisms**

32 new concepts have been added, of which 16 are SARS-CoV-2 variants and strains. These include sub-variants of Omicron, lineages XBB.1.16, XBB.2.3, XBB.1.9.1, JN.1 and BF.5.