

Emtree 2019.02 release notes

With the May 2019 Emtree release, 526 preferred terms (155 drug terms and 371 non-drug terms) were added compared with the previous version released in January 2019. Emtree now counts 82,970 preferred terms and almost 373,000 synonyms.

Medical devices

- In this release we added 1,245 device trade names. Specifically, we included medical devices approved by the FDA between 2010 and 2018, with their trade names. Now, you will find over 4,500 device concepts and 12,000 device trade names in Emtree.
- Examples: 'tomosynthesis system' (with narrower term: 'breast tomosynthesis system'); 'tissue spectrometer' (with narrower term: 'tissue oximeter'); 'cutting stapler'; 'bioabsorbable mesh'.
- We revised the concept of 'shoulder prosthesis' and added glenoid and humeral components.
- We moved pacemaker-related labels to the concept 'artificial heart pacemaker'.

Drugs and chemicals

In total, we incorporated 176 new concepts:

- A new EC class of translocases (EC 7), with 59 new enzyme concepts.
- United States Adopted Names (USAN) published from Sept. 2018 – Feb. 2019.
- Names of newly approved drugs, drugs under consideration and drug trade names as published by the FDA and EMA in the period Nov. 2018 – Feb. 2019.
- 119 proposed international nonproprietary names (INN) published by WHO. We also processed published corrections on previous lists.

Diseases

We added concepts to these branches:

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|---------------------------------------|--|
| - 'aortic aneurysm' (7 concepts) | - 'hydatid cyst/echinococcosis' (6 concepts) |
| - 'calcification' (13 concepts) | - 'intoxication' (14 concepts) |
| - 'eating disorder' (7 concepts) | - limb malformation' (19 concepts) |
| - 'experimental disease' (6 concepts) | - 'lipofuscinosis' (8 concepts) |
| - 'eye disease' (37 concepts) | - 'nutritional deficiency' (17 concepts) |
| - 'fetus disease' (6 concepts) | - 'stone formation/lithiasis' (22 concepts) |

Anatomical concepts

We added 8 new cell lines and new concepts to these branches:

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|--|---------------------------------|
| - 'animal structures' (3 concepts) | - 'genital system' (3 concepts) |
| - 'arteriole' (2 concepts) | - 'lymph node' (2 concepts) |
| - 'cardiovascular system' (4 concepts) | - 'nervous system' (4 concepts) |
| - 'eye' (3 concepts) | - 'tissues' (4 concepts) |

Procedures

We added 7 new fingerprinting-related concepts.

Organisms

We added 54 new concepts: 17 genera; 31 species, 1 subspecies and 5 higher taxons.

Parameters

We added 45 new concepts: 13 survival-related parameters; 11 toxicological parameters; 7 comet parameters; 5 musculoskeletal system parameters; 5 urogenital system parameters; 4 cardiovascular parameters.