

Emtree 2016.01 release notes

The January 2016 Emtree release adds 584 preferred terms (96 drug terms and 488 non-drug terms) compared with the previous version released in September 2015. Emtree now counts 73,127 preferred terms and over 312,000 synonyms.

Details on additions and changes are provided below:

Anatomical concepts

- Addition of 46 new concepts (3 of which are MeSH concepts).
 - o Among others, 5 concepts added to 'animal structures' branch.

Drugs and chemicals

- The drug- and drug-related terms of MeSH 2016 were incorporated.
- More hierarchy was added to the following branches: orexin receptor antagonist, sigma receptor agonist and sigma receptor antagonists.
- Drug terms were strictly separated from medical devices by changing the materials hierarchy. So biomedical and dental materials are only listed under drugs, and device material under general device.

Diseases

- Addition of 72 new concepts (26 of which are MeSH concepts).
 - o Among others, 8 influenza variants and 37 experimental diseases.
- Improvement of hierarchical structure and enhancement of branches 'arm fracture' and 'leg fracture'.

Organisms

- Addition of 210 new concepts.
- In the course of synonym promotion to new concept, 127 concepts have been added and the hierarchy has been improved where necessary (among others 11 mammals, 24 birds, 7 cephalopods, 26 flatworms, 39 seed plants, 5 fungi and 7 bacteria).
- 60 candidate terms have been added (among others 10 bats, 4 snakes, 5 fish, 8 insects, 4 gastropods, 8 fungi, and 9 plants).
- In the course of MeSH term addition, 23 concepts have been added (7 plants, 3 lichen-forming fungi, 7 mythical creatures, and 6 organisms with names referring to mythical creatures such as dragon fruit or vampire bat).

Biological functions

- Addition of 64 new concepts (15 of which are MeSH concepts).

Procedures

- Addition of 36 new concepts (31 of which are MeSH concepts).

Parameters

- Addition of 13 new concepts (3 of which are MeSH concepts).

Devices

- Medical devices were strictly separated from drug terms by changing the materials hierarchy. So device material is only listed under general device, and biomedical and dental materials under drugs.