

Emtree 2019.03 release notes

With the September 2019 Emtree release we added 1,049 new preferred terms (177 drug terms and 872 non-drug terms). Emtree now counts almost 84,000 preferred terms and nearly 380,000 synonyms.

Diseases

We added 12 experimental diseases to the 'experimental disease'-branch:

- angiotensin II-induced cardiac fibrosis
- cyclophosphamide-induced immunosuppression
- dextran sulfate sodium-induced ulcerative colitis
- experimental cardiac fibrosis
- experimental immunosuppression
- experimental paracoccidioidomycosis
- experimental toxoplasmosis
- formaldehyde-induced arthritis
- lipopolysaccharide-induced fever
- spared nerve injury
- sciatic nerve crush injury
- L-NAME-induced hypertension

And three new rare diseases:

- alpha thalassemia-mental retardation syndrome X-linked
- autosomal dominant Parkinson disease
- vanishing white matter disease

Drugs and chemicals

In total we incorporated 177 new concepts:

- United States Adopted Names (USAN) published from March 2019 – May 2019.
- Names of newly approved drugs, drugs under consideration, orphan drug assignments and drug trade names as published by the FDA and EMA in the period March 2019 – May 2019.
- Proposed International Nonproprietary Names (INN) published in list 120 by the WHO and with corrections on previous lists: <https://www.who.int/medicines/publications/druginformation/innlists/PL120.pdf>

Medical devices

In this release we added 29 medical device concepts and 9 device trade names. Now you will find almost 4,600 device concepts and over 12,000 device trade names in Emtree. Medical devices that have been approved by the FDA until 2019 are included with their trade names. We have prepared for many more additions that are expected to be released in the next Emtree version.

Procedures

We added more specific 'wound debridement'-concepts and we added concepts to these branches: 'assessment of humans' (46 concepts, mainly 'disease risk assessment'-); 'polymerase chain reaction' (36 concepts), 'fundoplication' 'mathematical analysis', 'manipulative medicine', 'information processing'-branch (mainly 'algorithm'), 'machine learning' and 'artificial neural network'.

Named groups of persons

We added 28 new concepts, a.o. by smoking or drinking status, and various athletes.

Organisms

We added 201 concepts. To disambiguate we split Pholidota into: Pholidota (animal) and Pholidota (orchid).

Biological functions

We added terms in the 'mutagenesis'-branch, the 'DNA structure'-branch, mobile genetic element', 'transposon'-related terms, 'nutrition'-related concepts, more specific 'base pairing'-concepts.

Biomedical disciplines, science and art

We added synonyms and concepts to the 'alternative medicine'- and 'traditional medicine'-branches.

Society

We added: 'cybercrime'-, 'human rights'-, and 'organization'-related terms and 16 'sport'-concepts.

Anatomical concepts

We added 15 new concepts to the 'nerve cell network'-branch.