

Emtree 2016.03 release notes

With the September 2016 Emtree release, 784 preferred terms (35 drug terms and 749 non-drug terms) have been added compared with the previous version released in May 2016. Emtree now counts 74,706 terms and over 316,000 synonyms.

Anatomical concepts

- Hierarchical improvement and synonym enrichment of the *skeletal muscle* branch.
- Addition of 30 'limb bone' terms, with improvement of the hierarchy and harmonization with corresponding bone fractures.
- Enhancement of the *nerve cell* branch (with a new sub-branch for *glia cell*).

Chemicals and drugs

- The United States Adopted Names (USAN) from March - July 2016 were incorporated.
- The names of newly approved drugs, and drugs under consideration by FDA and EMA in the period March - July 17th 2016, were incorporated.
- New hierarchy added to form an 'RNA binding protein' branch.

Diseases

- Addition of granularity by promotion of 60 MeSH-related synonyms (52 of which are infectious diseases) to preferred term status .
- Addition of 7 addiction-related and 7 withdrawal-related disease terms.
- Addition of 29 'limb fracture' terms, with improvement of the hierarchy and harmonization with corresponding bone (parts).

Geographic names

- Addition of autonomous parts of countries in Europe (15 terms), the Middle East (5), India (32), Pakistan (2), Indonesia (4), Brazil (27), and Mexico (30).

Named groups of persons

- Addition of 42 new preferred terms for relatives (e.g. *brother*, *brother-in-law*).
- Promotion of 23 MeSH-related synonyms to preferred term status.

Organisms

- Hierarchical improvement of ascomycete fungi (10 new terms) and galliform birds (9 new terms).
- Addition of synonyms to species with English vernacular names that are ambiguously used, disambiguated by 'major species'.

Procedures, parameters and devices

- Transfer of terms listed under *diagnostic procedure* but with a different semantic type (e.g. parameters or devices) to the appropriate branch.
- Promotion of 144 MeSH-related synonyms to preferred term status.
- Hierarchical improvement of the following branches: *reproductive procedure*, *oral surgery*, *dental procedure*, *anti-infective therapy*.

Society and environment

- Promotion of 32 MeSH-related synonyms to preferred term status.