Emtree 2017.02 release notes

With the May 2017 Emtree release, 494 preferred terms (121 drug terms and 373 non-drug terms) compared with the previous version released in January 2017. Emtree now counts 75,982 preferred terms and over 322,500 synonyms.

Anatomical concepts
- Promotion of 9 MeSH-related synonyms to new concepts, and creation of 2 related concepts.

Drugs and chemicals
- Incorporation of United States Adopted Names (USAN) published from Nov. 2016 – Feb. 2017.
- Incorporation of newly approved drugs, drugs under consideration, drug trade names and information on orphan drugs as published by the FDA and EMA from Nov. 2016 – Feb. 2017.
- Incorporation of 116 of proposed international propriety names (INN) published by WHO.
- Addition of nutrition supplement types, enrichment with brand names.
- Improved hierarchy in some subbranches of Emtree.

Diseases
- Addition of 33 'neoplasm' concepts. Hierarchy improvement and synonym enrichment of the *neoplasm* branch divided per anatomical site.
- Addition of 8 'mental disease' concepts reflecting subtypes of depressive and psychotic disorders

Medical devices
- Addition of 174 device trade names to dialyzer (formerly artificial kidney), dialysis membrane, hemodialysis machine, peritoneal dialysis machine and apheresis device.

Organisms
- Addition of granularity and hierarchy to the weasel family (25 new concepts) and enhancement of ticks (11 new concepts).

Cell lines
- Addition of 101 new cell line concepts.
- Changed hierarchy structure: created new branch for immortalized cell lines and added a new hierarchy level. Promotion of 4 MeSH-related synonyms to new concepts.

Biological functions
- Promotion of 27 MesH-related synonyms to new concepts.

Procedures
- Hierarchical improvement of the 'cancer therapy' branch