

Emtree 2019.02 release notes

Anatomical concepts

- eight new cell lines
- Four new concepts added under 'nervous system'
- Four new concepts added under 'tissues'
- Three new concepts added under 'animal structures'
- Four new concepts under 'cardiovascular system'
- Three new concepts under 'genital system'
- Two new concepts added under 'arteriole'
- Two new concepts under 'lymph node'
- Three new concepts under 'eye'

Diseases

- The 'stone formation/lithiasis' branch was extended with 22 new concepts
- Thirteen concepts added to 'calcification'-branch
- To the 'eye disease'-branch 37 new concepts were added
- The 'aortic aneurysm' branch was extended with 7 new concepts
- To the 'limb malformation'-branch 19 concepts were added
- Seventeen new concepts were added to the 'nutritional deficiency'-branch
- Fourteen concepts were added to the 'intoxication'-branch
- The 'hydatid cyst/echinococcosis' branch was extended by 6 new concepts
- Seven new concepts were added to the 'eating disorder'-branch
- 6 new concepts were added to the 'fetus disease'-branch
- Eight new concepts added to 'lipofuscinosis'-branch
- Six new concepts added under 'experimental disease'-branch

Drugs and chemicals

- The EC.7.- enzyme branch was added to Emtree (59 new concepts)
- The United States Adopted Names published from September 2018 until February 2019 (included) were incorporated.
- Names of newly approved drugs, drugs under consideration and drug trade names as published by the FDA and EMA in the period November 2018 - February 2019 were incorporated.
- The content of list 119 of proposed INNs as published by the WHO was incorporated and published corrections on previous lists were processed.
- In total, 176 new concepts were added.

Medical devices

- For this release 1245 device trade names have been added to Emtree. Emtree 2019.02 contains 4569 device concepts and 12,028 device trade names. In this release medical devices that have been approved by the FDA from 2010 to 2018 are included in Emtree with their trade names.
- A revision has been performed for concept of 'shoulder prosthesis', glenoid and humeral component have been added.
- Pacemaker related labels have been moved to concept 'artificial heart pacemaker' in this release
- Other additions:
 - 'tomosynthesis system' (and 'breast tomosynthesis system' as child)
 - 'tissue spectrometer' (and 'tissue oximeter' as a child)
 - 'cutting stapler'
 - 'bioabsorbable mesh'

Procedures

- Seven new fingerprinting-related concepts added

Organisms

- In total 54 new concepts were added to the taxonomy: (17 genera; 31 species, 1 subspecies and 5 higher taxons)

Parameters

- Addition of ## new concepts, of which
 - 13 survival-related parameters
 - Eleven toxicological parameters
 - Seven comet parameters
 - Five musculoskeletal system parameters
 - Five urogenital system parameters
 - Four cardiovascular parameters