

## Emtree 2018.V4 release notes

With the September 2018 Emtree release, 674 preferred terms (67 drug terms and 699 non-drug terms) were added compared with the previous version released in May 2018. In total Emtree 2018.03 counts 81,735 preferred terms and over 360,000 synonyms. Emtree 2018.03 contains 4,540 device concepts and just over 10,000 device trade names.

### Drugs and chemicals

Incorporation of the United States Adopted Names and of newly approved drugs, drugs under consideration and drug trade names as published by the FDA and EMA from March 2018–June 2018.

### Medical devices

- Addition of 176 new device concepts, 764 device trade names including medical devices approved by the FDA in 2017 and 2018 (till July 2018) with their trade names.
- Re-arrangement and revision of concepts around ‘dialysis equipment and supplies’, ‘artificial liver’, ‘cardiopulmonary bypass equipment’, ‘apheresis device’ and ‘extracorporeal carbon dioxide removal device’ (new), as narrower terms of ‘extracorporeal therapy device’ (new).
- Additions include:
  - \* ‘diagnostic kit’ branch: addition of 32 concepts;
  - \* ‘catheters and tubes’ branch: addition of 18 concepts;
  - \* ‘dental device’ branch: addition of 10 concepts;
  - \* ‘endoscope’ branch: addition of 9 concepts;
  - \* ‘cardiovascular equipment’ branch: addition of 6 pacemaker-related concepts;
  - \* ‘dialysis equipment and supplies’ branch: addition of 9 concepts;
  - \* ‘apheresis device’ branch: addition of 7 concepts;
  - \* ‘robotic surgical systems’: addition of 19 concepts.

### Diseases

Revision of the hierarchy around ‘prolapse’, ‘intussusception’, ‘invagination’, and ‘ptosis’ including addition of 53 related concepts.

### Other additions per branch:

- **Procedures:** additions under ‘spectroscopy’ (8); diet- and fasting-related concepts (45);
- **Biological functions:** new concepts under ‘angiogenesis’ (4), ‘gastrulation’ (3), ‘apoptosis’ (3);
- **Anatomical concepts:** concepts added under ‘fetus (anatomy)’ (6); ‘nervous system’ (3); ‘tissues’ (3); ‘animal structures’ (2); ‘arteriole’ (2);
- **Parameters:** Addition of 96 new concepts, of which ‘time-related parameters’ (28); ‘anthropometric parameters’ (23); ‘physical concepts’ (17); ‘medical parameters’ (13); ‘hematological parameters’ (7);
- **Named groups of persons:** concepts added under ‘health care personnel’ (44 new professions), ‘patient’ (6 additions); hierarchy changes and 30 new concepts added to “donor”-branch;
- **Society and environment:** addition of 5 donation-related concepts to the ‘medicolegal aspect- and medical ethics’ branch;
- **Geographic names:** addition of 50 oceans and seas concepts to the ‘oceanic regions’ branch;
- **Chemical reactions:** addition of 11 new concepts in the ‘chemical reaction’-branch.