

## Emtree Terms Added and Changed (September 2018)

This is an overview of new terms added and changes made in the third Emtree release in 2018.

Overall, Emtree has grown by 674 preferred terms (67 drug terms and 699 non-drug terms) compared with the previous version released in May 2018. In total Emtree now counts 81735 preferred terms.

Because the terms added include replacements for existing preferred terms (which become synonyms of the new terms) as well as completely new concepts, the number of terms added exceeds the net growth in Emtree. Other changes could include the merging of two or more existing preferred terms into a single concept.

The terms added and changed are summarized below and specified in detail on the following pages.

### Emtree Terms Added in September 2018

766 new terms (including 34 replacement terms and promoted synonyms) have been added to Emtree as preferred terms in version September 2018 (compared to May 2018):

- 67 drug terms (terms assigned to the Chemicals and Drugs facet).
- 699 non-drug terms (terms not assigned as Chemicals and Drugs).

The new terms (including the replacement terms and the promoted synonyms) are listed as *Terms Added* on the following pages. Note that many of these terms will have been indexed prior to 2018 (typically as candidate terms), sometimes for several years, before they were added to Emtree.

### Emtree Terms Changed in September 2018

34 terms (9 drug terms and 25 non-drug terms) from Emtree May 2018 have been replaced by 83 different terms in September 2018 (36 drug terms and 47 non-drug terms).

Of these, 34 terms (9 drug terms and 25 non-drug terms) are new (e.g. new generic names for drug chemical names) and have been assigned creation date 2018; the remaining 11 replacement terms (2 drug terms and 9 non-drug terms) were already present in Emtree.

No drug terms were replaced by a non-drug term, 0 non-drug term were replaced by a drug term. No preferred terms were deleted.

Changes are presented in alphabetical order of the *new* terms.

## Drug terms

AAV5-miHTT	kb 103
allopurinol plus lesinurad	linrodostat
amlodipine plus celecoxib	lovaxin b
amt 061	metronidazole plus neomycin plus nystatin
anlotinib	mtd 119
asc jm17	Mycoplasma hyopneumoniae porcine
ascorbic acid plus polyethylene glycol 3350	circovirus vaccine
plus potassium chloride plus sodium	negermin
ascorbate plus sodium chloride plus sodium	neomycin plus nystatin plus prednisolone plus
sulfate	ternidazole
atb200	nirsevimab
atb200/at2221	nomacopan
bay 1093884	nsr rpgr
cam gm201	ntp42
camphor plus menthol plus salicylic acid	nx210
methyl ester	olacافتor
Capsella bursapastoris extract	olorinab
CD24Fc	oms 721
chf 6333	Phaseolus vulgaris extract
cimlanod	porcine edema disease vaccine
dcvac/ovca	porcine reproductive and respiratory
delapril plus indapamide	syndrome virus vaccine
delapril plus manidipine	qr 421a
demeclocycline plus triamcinolone	rasdegafusp alfa
dexketoprofen plus tramadol	ricin toxin vaccine
dilanubicel	rodatristat ethyl
diphenylpyraline plus phenylephrine	rrx 001
er 004	rvt 801
etoposide phosphate	sb318
feline sarcoma virus vaccine	sb913
fluralaner plus moxidectin	spr 001
frovocimab	tak 659
hemamax	tavapadon
hepatitis A typhoid vaccine	ternidazole
hyaluronic acid plus lidocaine	tirzepatide
hydromethylthionine	transthyretin
infectious bursal disease Marek disease	xmab5871
vaccine	

## Non-drug terms

32D-BCR-ABL cell line  
 A2780/CP20 cell line  
 abattoir worker  
 abdominal viscera  
 acupuncturist  
 acutely ill patient  
 adrenocorticotrophic hormone test kit  
 Adriatic Sea  
 advanced practice provider  
 Aegean Sea  
 air displacement plethysmograph  
 air traffic controller  
 Akkermansia  
 Akkermansia muciniphila  
 alcohol test kit  
 aldosterone test kit  
 alternate day fasting  
 amidation and deamidation  
 amination and deamination  
 amniotic sac prolapse  
 Anaplasma platys  
 Andaman Sea  
 andrologist  
 aneurysm diameter  
 aneurysm pressure measurement system  
 aneurysm size  
 aneurysm volume  
 angiotensin converting enzyme test kit  
 angiotensin I test kit  
 Anopheles coluzzii  
 anterior pelvic tilt  
 anterior vaginal wall prolapse  
 anterolisthesis  
 aortic annuloplasty ring  
 aortic stent  
 apical closure device  
 apical prolapse  
 aponeurotic blepharoptosis  
 appendix intussusception  
 apprenticeship  
 Arabian Sea  
 Aral Sea  
 Arctic Ocean  
 artery formation (physiology)  
 Arundo  
 Arundo donax  
 Atkins diet  
 atomic fluorescence spectrometry  
 atomic force spectroscopy  
 audioanalgesia  
 auditory reaction time  
 automated peritoneal dialysis system  
 autorefractor keratometer  
 axial blood pump  
 axial diffusivity  
 Azonexaceae  
 Bagridae  
 balloon inflation device  
 Barents Sea  
 Bay of Bengal  
 Bay of Biscay  
 Bay of Fundy  
 Beaufort Sea  
 beautician  
 beekeeper  
 Bering Sea  
 bicyclist  
 bile acid test kit  
 biliary dilator  
 biochemist  
 biologist  
 biotelemetry device  
 biventricular implantable cardioverter  
 defibrillator  
 blastomere  
 blood leak detector  
 blood tubing  
 blunt snout bream  
 Bohai Sea  
 bone donor  
 bone marrow donor  
 Borrelia miyamotoi  
 borylation  
 brain dead donor  
 brake reaction time  
 breakfast skipping  
 breast ptosis  
 bronchoscopist  
 burn survivor  
 butcher  
 Caenorhabditis briggsae  
 cafeteria diet  
 calcination temperature  
 calcitonin test kit  
 call center operator  
 canaloplasty device  
 Candida auris  
 Capsella bursa-pastoris  
 carbonization  
 cardiomy sucker  
 care coordinator  
 Caribbean Sea  
 cartridge syringe

casein free diet  
 cashier  
 Caspian Sea  
 catheter accessory  
 catheter control system  
 catheter stylet  
 cathode ray tube display  
 cava vein clip  
 cavity preparation device  
 CD8 lymphocyte count  
 cell biologist  
 cell harvesting device  
 centrifugal blood pump  
 ceramic bracket  
 cerebral meninx  
 cervical disk hernia  
 Chaetomium thermophilum  
 chemist (profession)  
 child labor  
 Chlorodendrales  
 Chlorodendrophyceae  
 choice reaction time  
 choice stepping reaction time  
 cholangiography catheter  
 chow diet  
 Christian fasting  
 chronic total occlusion crossing catheter  
 Chukchi Sea  
 citizen scientist  
 civil servant  
 clear liquid diet  
 clinical pharmacist  
 clinical research coordinator  
 clinician  
 coil dialyzer  
 cold vapor atomic fluorescence spectrometry  
 collaborative care team  
 colpocele  
 comfort measures only order  
 community dwelling person  
 community pharmacist  
 complete rectal prolapse  
 computer scientist  
 congenital blepharoptosis  
 congenital Chagas disease  
 contact time  
 continuous ambulatory peritoneal dialysis  
 system  
 convenience food  
 cornea donor  
 corneal topographer keratometer  
 Cornus officinalis  
 coronary laser angioplasty system  
 cortisol test kit  
 creatine kinase test kit  
 creatinine test kit  
 cremaster arteriole  
 critical flicker fusion frequency measuring device  
 cuirass ventilator  
 cyclic AMP test kit  
 cyclophotocoagulation laser  
 Cynoglossus  
 Cynoglossus semilaevis  
 cystatin C test kit  
 cystourethrocele  
 cystourethroscope  
 cytapheeresis system  
 Cytomegalovirus test kit  
 cytopathologist  
 cytoplasmic invagination  
 dead donor rule  
 Dead Sea  
 deamidation  
 deceased donor  
 Dechloromonas  
 defibrillator accessory  
 defibrillator electrode  
 Dehalococcoides mccartyi  
 dental laser  
 deprotonation  
 desiccator  
 deubiquitination  
 diabetologist  
 dialysate delivery system  
 dichorionic twins  
 dietary pattern  
 diffusivity  
 digestive transanastomotic tube  
 disease transmission via medicinal product  
 disease worsening with drug treatment  
 do not intubate order  
 do not resuscitate order  
 do-not-resuscitate/do-not-intubate order  
 donor by donated tissue  
 donor by health status  
 donor by relatedness  
 dried food  
 Drosophila serrata  
 drug exposure during lactation  
 drug quality defect  
 dry heat sterilizer  
 dual chamber implantable cardioverter  
 defibrillator  
 dual-hormone artificial pancreas  
 duodenal intussception  
 duodenojejunal intussusception  
 dwell time  
 earmold

East China Sea  
 ecologist  
 economist  
 eddy diffusivity  
 electrical cord  
 electrocardiographic accessory  
 electrohydraulic lithotripter  
 elimination diet  
 embolization device  
 emergency response time  
 empty bed residence time  
 endoscopic biopsy brush  
 endoscopic electrosurgical device  
 endoscopic overtube  
 endoscopic retrieval device  
 endoscopic telescope  
 endosseous implant  
 English Channel  
 Enterobacter asburiae  
 enteroptosis  
 epiboly (gastrulation)  
 epiboly (wound healing)  
 epileptic patient  
 epileptologist  
 epsilometer test strip  
 esophageal intussusception  
 estriol test kit  
 estrogen receptor test kit  
 Eubacterium rectale  
 Eustachian tube balloon dilation device  
 expanded criteria donor  
 experimental antinociception  
 experimental diet  
 external rectal prolapse  
 extracorporeal carbon dioxide removal  
 extracorporeal carbon dioxide removal device  
 extracorporeal membrane oxygenation cannula  
 extracorporeal therapy  
 extracorporeal therapy device  
 extraction temperature  
 extraction time  
 eye care professional  
 eyebrow ptosis  
 face to face support group  
 facial droop  
 fallopian tube prolapse  
 fasting  
 fertility specialist  
 fetal fibronectin test kit  
 fetus adrenal cortex  
 fetus adrenal gland  
 fetus eye  
 fetus myocardium  
 fetus serum  
 fetus skin  
 fiber free diet  
 first time donor  
 fistula needle  
 flight attendant  
 floating gallbladder  
 follicle stimulating hormone test kit  
 force spectroscopy  
 frozen food  
 full liquid diet  
 galectin-3 test kit  
 Gammarus fossarum  
 ganzfeld stimulator  
 gardener  
 gastric intussusception  
 gastric prolapse  
 gastric residence time  
 gastric suction device  
 gastroduodenal intussusception  
 gastroesophageal intussusception  
 gastrointestinal intubation tube  
 gastroptosis  
 gavage tube  
 Gemmatimonadetes (class)  
 Gemmatimonadetes (phylum)  
 general practise registrar  
 geneticist  
 gizzard smooth muscle  
 glass bead sterilizer  
 glaucoma device  
 gluten free casein free diet  
 Gobiocypris  
 Gobiocypris rarus  
 gross tumor volume  
 Gulf of Aden  
 Gulf of Alaska  
 Gulf of Aqaba  
 Gulf of California  
 Gulf of Finland  
 Gulf of Guinea  
 Gulf of Maine  
 Gulf of Oman  
 Gulf of Thailand  
 gynecologic oncologist  
 Haematococcus  
 Haematococcus pluvialis  
 haploidentical donor  
 heart donor  
 hematologist-oncologist  
 hemoglobin A1c test kit  
 hemoperfusion system  
 hepatologist  
 heterophil  
 heterophil lymphocyte ratio

high calorie diet	laparoscopist
high fat/high fructose diet	Larimichthys
high glycemic index diet	Larimichthys crocea
high methionine diet	lateral pelvic tilt
high salt diet	laughter therapy
high volume surgeon	lay health worker
high-fructose diet	layperson
hollow fiber artificial kidney	leadless pacemaker
home delivered meal	lesion volume
hospital pharmacist	leukocyte parameters
hospital volume	Lieber DeCarli diet
Hudson Bay	Lieber-DeCarli ethanol diet
hunter-gatherer	Ligurian Sea
hydraulic retention time	lipoapoptosis
hydride generation atomic fluorescence spectrometry	lipoprotein apheresis
hydroamination	liquid diet
hypertensive patient	lithogenic diet
hypoglobus	liver donor
hypoglossal nerve stimulator	living related donor
ID50 (median infectious dose)	low calorie diet
ileocecal intussusception	low fiber diet
ileocolic intussusception	low FODMAP diet
ileum intussusception	low glycemic index diet
immunoapheresis	low iodine diet
implantable atrial defibrillator	low residue diet
infarct volume	low volume surgeon
infectious disease specialist	lung arteriole
infrared camera	lung donor
injection drug user	lung sound monitor
interfollicular epidermis	lymphocyte monocyte ratio
intermittent fasting	macropinocytosis
internal rectal prolapse	Malassezia restricta
intestinal intussusception	Malecot catheter
intestinal prolapse	mandibular distractor
intravascular brachytherapy device	mandibular fixation device
intussusceptive angiogenesis	Marmara Sea
invagination (gastrulation)	matched related donor
involution (gastrulation)	matched sibling donor
Ionian Sea	matched unrelated donor
iris prolapse	maximum standardized uptake value
Irish Sea	maximum walking distance
Isochrysis galbana	meal frequency
jejunal intussusception	meal size
jejunogastric intussusception	meal skipping
jejunum tissue	mean cell residence time
junk food	mean diffusivity
kidney perfusion system	mean standardized uptake value
KM-H2 cell line (Hodgkin lymphoma)	mechanical blepharoptosis
lack of drug effect	medical geneticist
lactate dehydrogenase test kit	medical physicist
Lactobacillus iners	medical registrar
lactose free diet	medical scribe
landlocked sea	Megalobrama
	membrane invagination

metabolic tumor volume  
 metabolically healthy obese  
 metabolically unhealthy obese  
 methionine/choline deficient diet  
 micropinocytosis  
 milk donor  
 mismatched unrelated donor  
 mitral annuloplasty ring  
 mitral valve repair device  
 MM.1 cell line (multiple myeloma)  
 modified Atkins diet  
 molecular diffusivity  
 monoamniotic twins  
 monochorionic diamniotic twins  
 monochorionic twins  
 motor reaction time  
 movement time  
 multidisciplinary team  
 Mycobacterium chimaera  
 myogenic blepharoptosis  
 named patient program  
 natriuretic peptide test kit  
 Neisseria gonorrhoeae test kit  
 neonatal pneumonia  
 nephroptosis  
 neuroapoptosis  
 neurogenic blepharoptosis  
 neuroscientist  
 non heart beating donor  
 nonsmoker  
 Nordic diet  
 Norwegian Sea  
 nucleic acid amplification system  
 obese patient  
 obesogenic diet  
 occupational drug exposure  
 oncology nurse  
 online support group  
 oocyte donor  
 optical coherence tomography catheter  
 optician  
 organ perfusion system  
 orogastric tube  
 orthodontic software  
 orthopedic oncologist  
 orthoptist  
 orthotist  
 pacing system analyzer  
 pain free walking distance  
 pancreas donor  
 paraptosis  
 parent donor  
 partial drug response  
 partially implantable middle ear implant

patient volume  
 peak standardized uptake value  
 pediatric oncologist  
 pediatric patient  
 PEGylation  
 Pelteobagrus fulvidraco  
 pelvic angle  
 pelvic floor prolapse  
 pelvic incidence  
 pelvic inclination  
 pelvic tilt  
 pelvic viscera  
 percutaneous catheter  
 percutaneous transluminal coronary angioplasty  
 cutting balloon catheter  
 perfusionist  
 perineal descent  
 peripheral laser angioplasty system  
 peritoneal tissue  
 Persian Gulf  
 phage titer  
 pharmacologist  
 phenylalanine test kit  
 phlebologist  
 phrenic nerve-diaphragm preparation  
 physicist  
 Pinus massoniana  
 placental alpha microglobulin-1 test kit  
 planning target volume  
 plasma exchange system  
 plasmapheresis system  
 plastic bracket  
 plate dialyzer  
 platelet parameters  
 platelet size  
 plateletcrit  
 polio patient  
 pore density  
 pore size  
 pore size distribution  
 pore volume  
 posterior pelvic tilt  
 posterior vaginal wall prolapse  
 pot-bellied pig  
 potoroo  
 premotor reaction time  
 processing speed  
 progesterone receptor test kit  
 prolapse  
 prosthetist  
 protonation  
 protonation and deprotonation  
 pseudoinclusion  
 psychological software

ptosis (eyelid)  
 pulmonary embolism response team  
 radial diffusivity  
 radiographer  
 radiologist assistant  
 radiotherapist  
 Ramadan fasting  
 Raoultella ornithinolytica  
 reaction duration (chemistry)  
 reaction temperature  
 Red Sea  
 reflex time  
 related donor  
 religious fasting  
 renin test kit  
 repeat donor  
 resin crown  
 resin denture  
 restaurant  
 retention time (chromatography)  
 retrograde intussusception  
 retrolisthesis  
 righting reflex time  
 robotic console  
 robotic dissecting forceps  
 robotic endoscope  
 robotic forceps  
 robotic grasping forceps  
 robotic hip surgery system  
 robotic knee surgery system  
 robotic navigation system  
 robotic needle driver  
 robotic neurological surgical equipment  
 robotic orthopedic surgical system  
 robotic retractor  
 robotic scissors  
 robotic sealing device  
 robotic spine surgical system  
 robotic stapler  
 robotic surgical device  
 robotic surgical instrument  
 robotic vessel sealer  
 roller blood pump  
 Roseburia  
 Roseburia intestinalis  
 Ross Sea  
 rotary blood pump  
 sacral slope  
 sagging skin  
 sagittal vertical axis  
 Salvelinus alpinus  
 Sargasso Sea  
 Schizochytrium  
 Schmidtea  
 Schmidtea mediterranea  
 sciatic nerve chronic constriction injury  
 Sea of Japan  
 Sea of Okhotsk  
 sensory substitution device  
 serial reaction time  
 Seto Inland Sea  
 sibling donor  
 simple reaction time  
 single cell force spectroscopy  
 single chamber implantable cardioverter  
 defibrillator  
 single molecule force spectroscopy  
 single-hormone artificial pancreas  
 six food elimination diet  
 skin donor  
 sleep apnea device  
 small bowel intussusception  
 soft diet  
 solids retention time  
 sonographer  
 soup kitchen  
 South China Sea  
 Southern Ocean  
 specialist registrar  
 Sphingobium  
 spinal cord posterior funiculus  
 spinal meninx  
 spondyloptosis  
 Sporothrix brasiliensis  
 sprouting angiogenesis  
 ST2 test kit  
 standardized uptake value  
 standardized uptake value ratio  
 Staphylococcus equorum  
 steerable catheter  
 step count  
 step length  
 step time  
 step width  
 stool donor  
 stop signal reaction time  
 stride length  
 stride time  
 stride time variability  
 stride width  
 stroke survivor  
 subperiosteal implant  
 suction biopsy instrument  
 suction coagulator  
 surgeon volume  
 surgical registrar  
 surgical volume  
 T1 pelvic angle



T1 spinopelvic inclination  
 tablet weight  
 Tachysurus  
 tail tendon  
 takeaway (food)  
 Tasman Sea  
 telemetry capsule  
 telemetry implant  
 Tetraselmis  
 thermal diffusivity  
 thoracic viscera  
 three dimensional quantitative structure activity  
 relationship  
 thrombocytopheresis system  
 thyrotropin test kit  
 thyroxine test kit  
 time restricted feeding  
 tongue suspension device  
 totally implantable middle ear implant  
 transanastomotic tube  
 transmandibular implant  
 treatment response time  
 triathlete  
 tricuspid annuloplasty ring  
 tricuspid valve prolapse  
 triiodothyronine test kit  
 trocar blade  
 troponin test kit  
 turnover rate  
 two dimensional quantitative structure activity  
 relationship  
 Tyrrhenian Sea  
 ultrasonic lithotripter  
 ultrasound bronchoscope  
 umbilical cord prolapse  
 unexpected therapeutic effect  
 unrelated donor  
 urethral prolapse  
 urogynecologist  
 vascular suturing system  
 vein formation (physiology)  
 very low calorie diet  
 very low calorie ketogenic diet  
 veterinary student  
 vibrational sum frequency generation  
 spectroscopy  
 Vibrio splendidus  
 visual reaction time  
 vitamin D test kit  
 vitreous prolapse  
 Wadden Sea  
 walking distance  
 walking parameters  
 wandering liver  
 waste picker  
 water residence time  
 Weddell Sea  
 wheelchair user  
 White Sea  
 wind speed  
 workforce  
 wrist drop  
 Yellow Sea  
 Zoogloeaceae  
 zymosan-induced arthritis

## Drug terms

### New or pre-existing term

*\* indicates pre-existing term*

New or pre-existing term

\* indicates pre-existing term

asc jm17

ascorbic acid plus polyethylene glycol 3350  
plus potassium chloride plus sodium ascorbate  
plus sodium chloride plus sodium sulfate  
etoposide phosphate  
latanoprostene bunod\*  
nirsevimab  
nomacopan  
rodatristat ethyl  
transthyretin  
valoctocogene roxaparvovec\*

### Old (replaced) term

*These terms become synonyms of the new term*

Old (replaced) term

These terms become synonyms of the new term

1,7 bis(3,4 dimethoxyphenyl) 4 cyclobutylmethyl  
1,6 heptadiene 3,5 dione

moviprep  
etopofos  
pf 3187207  
nirsevumab  
coversin  
kar5585  
prealbumin  
bmn 270

## Non-drug terms

### New or pre-existing term

*\* indicates pre-existing term*

32D-BCR-ABL cell line  
 A2780/CP20 cell line  
 aberrometer\*  
 bone wire\*  
 breast cancer cell line\*  
 Capsella bursa-pastoris  
 deceased donor  
 experimental antinociception  
 gastric prolapse  
 HPDE-6/E6E7 cell line\*  
 ID50 (median infectious dose)  
 intestinal intussusception  
 KM-H2 cell line (Hodgkin lymphoma)  
 lack of drug effect  
 low calorie diet  
 lung arteriole  
 mandible prosthesis\*  
 MM.1 cell line (multiple myeloma)  
 negative pressure ventilator\*  
 ptosis (eyelid)  
 reaction time\*  
 stone extractor\*  
 Sup-M2-TS cell line\*  
 turnover rate  
 unrelated donor

### Old (replaced) term

*These terms become synonyms of the new term*

32D/BCR-ABL cell line  
 A2780-CP20 cell line  
 wavefront analyzer  
 intraosseous wire  
 BC cell line (breast cancer)  
 Capsella bursapastoris  
 cadaver donor  
 experimental nociception  
 stomach antrum prolapse  
 HPDE6 cell line  
 ID50 (infectious)  
 intestine intussusception  
 KM-H2 cell line  
 drug treatment failure  
 low calory diet  
 pulmonary arteriole  
 mandible implant  
 MM.1 cell line  
 external negative pressure ventilator  
 ptosis  
 response time  
 stone retrieval device  
 T5 cell line  
 turnover time  
 unrelated donors