

Emtree Terms Added and Changed (September 2023)

This is an overview of new terms added and changes made in the third Emtree release in 2023.

Overall, Emtree has grown by 625 preferred terms (47 drug terms and 578 non-drug terms) compared with the previous version released in May 2023. In total Emtree now counts 97486 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 2023

651 new terms (including 26 replacement terms and promoted synonyms) have been added to Emtree as preferred terms in version September 2023 (compared to May 2023):

- 52 drug terms (terms assigned to the Chemicals and Drugs facet).
- 599 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 2023 (typically as candidate terms), sometimes for several years, before they were added to Emtree.

Emtree Terms Changed in September 2023

26 terms (21 drug terms and 5 non-drug terms) from Emtree May 2023 have been replaced by 26 different terms in September 2023 (5 drug terms and 21 non-drug terms).

Of these, 24 terms (4 drug terms and 20 non-drug terms) are new (e.g. new generic names for drug chemical names) and have been assigned creation date 2023; the remaining 2 replacement terms (1 drug terms and 1 non-drug terms) were already present in Emtree.

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

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

Drug terms

abiraterone acetate plus niraparib	ibuprofen trelamine
acitretin	infectious laryngotracheitis infectious bursal disease Marek's disease vaccine
aspirin trelamine	leukadherin 1 choline
atx 01 (antisense oligonucleotide)	lotiglipron
bgt dt ds	lucoridalines
bgt otcd	mecobalamin plus nortriptyline plus pregabalin
bimatoprost grenod	mecobalamin plus pregabalin
bimervax	nanatinostat plus valganciclovir
bocodepsin	nevadistinel
bovine coronavirus vaccine	nezastomig
demannose	nortriptyline plus pregabalin
dt-dec01	pa3 17
duloxetine plus pregabalin	pf 06928316
durlobactam plus sulbactam	polithera
edaravone	pxl770
elfucose	raav-olig001-aspa
eltrekibart	rapirosiran
emzadirib	risevistinel
enristomig	sar421869
FcRn inhibitor	sar422459
FcRn receptor	solbinsiran
florbenguane f 18	tagtociclib
fluvastatin	tak 755
frunexian	ucenprubart
gamcemetinib	xmt 1592
glycopyrronium plus neostigmine methyl sulfate	
gsk 3844766a	

Non-drug terms

abductor muscle
 abnormal fetal heart rate
 Acanthopagrus
 Acanthopagrus latus
 Acanthopagrus schlegelii
 Acidipropionibacterium
 Acidipropionibacterium acidipropionici
 Acidovorax avenae
 Acidovorax citrulli
 Acmella
 Acmella oleracea
 acute leukemia of ambiguous lineage
 acute undifferentiated leukemia
 adductor muscle
 adrenomyeloneuropathy
 adult metachromatic leukodystrophy
 adult-onset autosomal dominant leukodystrophy
 aggressive B cell non Hodgkin lymphoma
 aggressive mimicry
 aggressive primary cutaneous T cell lymphoma
 AIDS-related lymphoma
 alcohol related birth defect
 alcohol related neurodevelopmental disorder
 ALK-positive diffuse large B cell lymphoma
 alpha defensin test kit
 Alternaria infectoria
 amyopathic dermatomyositis
 anejaculation
 Aphrophoridae
 aquablation
 arteriogenic impotence
 Arthroderma terrestre
 artificial intelligence chatbot
 Asio
 Asio otus
 asplenia syndrome
 at home mortality
 Athene (owl)
 Athene brama
 Athene cucularia
 Athene noctua
 autoimmune demyelinating disease of the central nervous system
 automation bias
 axial flow pump
 axillary lymph node metastasis
 B cell acute lymphoblastic leukemia
 B cell chronic lymphocytic leukemia
 B cell prolymphocytic leukemia
 bacterial sexually transmitted disease
 bacterial vaginosis
 Balo concentric sclerosis
 basal cell carcinoma of the face
 BCA protein assay kit
 benign cephalic histiocytosis
 benign tumor of the spleen
 biorobotics
 bipolar transurethral resection
 Bivalvulida
 Blainvillea
 Blainvillea acmella
 blastic plasmacytoid dendritic cell neoplasm
 blood brain barrier on a chip
 blood-borne infection
 bouffee delirante
 brain sclerosis
 Bubo
 Bubo bubo
 Bubo virginianus
 Cadra
 Cadra cautella
 cancers of the eye, lacrimal gland and orbit
 casirivimab/imdevimab resistant SARS-CoV-2 (variant E406W)
 catheter associated urinary tract infection
 catheter related bloodstream infection
 cell enucleation
 cell morphology analyzer
 central conducting lymphatic anomaly
 Ceratomyxa
 Ceratonova
 Ceratonova shasta
 Cercopidae
 ChatGPT
 child homicide
 childhood acute lymphoblastic leukemia
 chorea gravidarum
 choroid plexus carcinoma
 chronic hyperplastic candidiasis
 chronic lymphoproliferative disorder of NK cells
 classic mycosis fungoides
 CNS demyelination
 coital bleeding
 coital incontinence
 condomless anal sex
 condomless sex
 congenital asplenia
 congenital pulmonary lymphangiectasia
 congenital self-healing reticulohistiocytosis
 copiotroph
 copiotrophy
 cornea basal cell carcinoma
 corporate responsibility
 corporate social responsibility
 crypsis
 culture bound syndrome

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cutaneous B cell lymphoma
cutaneous myiasis
Cytophagaceae
Cytophagales
Cytophagia (bacterium)
delayed ejaculation
deletion mutation
developmental immaturity
developmental maturity
Dhat syndrome
diabetic erectile dysfunction
digital microfluidics
diuretic abuse
double-expressor lymphoma
double-hit lymphoma
downbeat nystagmus
droplet microfluidics
dysorgasmia
ear nose throat cancer
ear nose throat tumor
Ecklonia radiata
Ecklonia stolonifera
ectoparasitoid
electrowetting on dielectric
Eleocharis dulcis
elevated maternal serum alpha fetoprotein
Emberger syndrome
endoparasitoid
enucleated cell
enucleated erythrocyte
enucleoresection
Epstein-Barr virus-associated gastric carcinoma
Epstein-Barr virus-associated tumor
Epstein-Barr virus-positive diffuse large B cell lymphoma of the elderly
eruptive xanthoma
erythroblast enucleation
eutrophy (environment)
experimental Clostridium infection
external auditory canal cholesteatoma
extranodal Hodgkin disease
extranodal marginal zone lymphoma
eyelid basal cell carcinoma
eyelid squamous cell carcinoma
face carcinoma
facial feminization surgery
facial skin cancer
familial encephalopathy with neuroserpin inclusion bodies
familial hemophagocytic lymphohistiocytosis
family homicide
female sexual arousal disorder
femicide
feminization surgery
feminizing hormone therapy
fetal alcohol spectrum disorder
fetus anoxia
fetus immaturity
filicide
first sexual intercourse
fluidics
focal infection
focal myositis
functional asplenia
furuncular myiasis
gallbladder empyema
gastric B cell lymphoma
gaze-evoked nystagmus
gender affirming hormone therapy
gender affirming surgery
gender reassignment
gender transition
general laboratory equipment
generalized eruptive histiocytoma
generalized lymphatic anomaly
generative pretrained transformer
genitopelvic pain penetration disorder
genitourinary procedure
GM12878 cell line
granulomatous mycosis fungoides
Grateloupia
greenlight laser vaporization of the prostate
gut on a chip
hairy cell leukemia variant
Halymenia
Hand Schuller Christian disease
hemimegalencephaly
Hennekam syndrome
hereditary central nervous system demyelinating disease
hereditary diffuse leukoencephalopathy with spheroids
hereditary neurodegenerative disease
high-grade lymphoma
histiocytosis-lymphadenopathy plus syndrome
Hodgkin lymphoma of the stomach
Hodgkin sarcoma
holmium laser ablation of the prostate
holmium laser enucleation of the prostate
holmium laser prostate surgery
home automation
home device
home security
home sleep test
horizontal nystagmus
hydrocele surgery
hydrocelectomy
hypereutrophy
hyperparasite
hyperparasitemia
hyperparasitism
hyperparasitoid
idiobiont
idiopathic infantile nystagmus

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idiopathic inflammatory myopathy
illness anxiety disorder
immature birth
immature labor
immune hydrops fetalis
immunometabolism
immunoproliferative disease
increased nuchal translucency
indeterminate cell histiocytosis
indolent B cell non Hodgkin lymphoma
indolent primary cutaneous T cell lymphoma
infection-associated hemophagocytic syndrome
inflammatory pseudotumor of the spleen
inherited prion disease
injection pump
insertion mutation
intermediate-grade lymphoma
intestinal vaginoplasty
intraocular cancer
intravascular large B cell lymphoma
intravascular lymphoma
Isavirus salaris
jerk nystagmus
juvenile metachromatic leukodystrophy
juvenile myositis
juvenile polymyositis
kaposiform lymphangiomatosis
KG-1a cell line
Kitasatospora
kleptoparasite
kleptoparasitism
koinobiont
Komagataella phaffii
Kudoa
KYSE-450 cell line
labiaplasty
Lactobacillus kefirifaciens
language model
large language model
laser ablation of the prostate
laser enucleation
laser enucleation of the prostate
laser resection of the prostate
laser vaporization
late infantile metachromatic leukodystrophy
laxative abuse
leech infestation
legal gender affirmation
Lentilactobacillus
Lentilactobacillus buchneri
Lentilactobacillus kefir
Leptospirillum
Letterer Siwe disease
leukoencephalopathy with calcifications and cysts
Lewis-Sumner syndrome
lip squamous cell carcinoma
low-grade lymphoma
lymphangioma of the spleen
lymphatism
lymphocytoma cutis
lysosomal acid lipase deficiency
maintenance of wakefulness test
mal de Meleda
malignant histiocytic disorder
MALT lymphoma
masculinization surgery
masculinizing hormone therapy
masquerade
masquerade syndrome
matricide
McIndoe vaginoplasty
mechanomyograph
mediastinal Hodgkin lymphoma
megalencephalic leukoencephalopathy with subcortical cysts
megalencephaly
Megascops
Megascops asio
mesotrophy
methotrexate-associated lymphoproliferative disorder
metoidioplasty
microaxial pump
microfluidic cell culture
microfluidic device
microinjection pump
micropump
microvalve
middle ear cholesteatoma
mimesis
minivalve
mixed phenotype acute leukemia
MonoMAC syndrome
monopolar transurethral resection
multi organ chip
multicentric Castleman disease
multicentric reticulohistiocytosis
multiple sleep latency test
Multivalvulida
muscle infection
Mycoplasma genitalium infection
myelin oligodendrocyte glycoprotein antibody associated disease
Myxobolus cerebralis
nasal septal deviation
nasopharynx squamous cell carcinoma
Nasu-Hakola disease
neck carcinoma
neck disease
neonatal adrenoleukodystrophy
neonaticide
nephrotoxic nephritis
nerve on a chip
nervous system lysosomal storage disease

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neuronopathic Gaucher disease
Nitrospiota
nodulectomy
non Langerhans cell histiocytosis
non-Hodgkin lymphoma
nonimmune hydrops fetalis
nursing home mortality
ocular adnexal lymphoma
ocular adnexal tumor
ocular lymphoma
oligotroph
oligotrophy
optofluidics
orbit lymphoma
orbit melanoma
orbital cavernous hemangioma
orbital rhabdomyosarcoma
osmotic micropump
Otus (owl)
overlap myositis
pagetoid reticulosis
painful ejaculation
paper microfluidics
papular xanthoma
Paracidovorax
parasitic castration
parasitic castrator
parasitoid wasp
parasitoidism
particle count
Passalidae
pathologic nystagmus
patricide
pauci immune glomerulonephritis
PEHO syndrome
Pelizaeus-Merzbacher-like disease
pendular nystagmus
penile inversion vaginoplasty
perineal prostatectomy
periodic alternating nystagmus
peritoneal vaginoplasty
peroxisome biogenesis disorder
persistent genital arousal disorder
pH meter
pharynx squamous cell carcinoma
phospholipidosis
photoselective vaporization of the prostate
phtiriasis palpebrarum
physiologic nystagmus
plasmakinetic enucleation of the prostate
polymicrobial bacteremia
polymorphic reticulosis
polyparasitism
polysplenia syndrome
positional nystagmus
post infection complication
postinfectious glomerulonephritis
postorgasmic illness syndrome
poststreptococcal glomerulonephritis
prenatal exposure delayed effect
primary bone lymphoma
primary brain lymphoma
primary cardiac lymphoma
primary cutaneous aggressive epidermotropic CD8+ T cell lymphoma
primary cutaneous CD30+ T cell lymphoproliferative disorder
primary cutaneous diffuse large B cell lymphoma leg type
primary cutaneous marginal zone B cell lymphoma
primary hemophagocytic lymphohistiocytosis
primary intestinal lymphangiectasia
primary intraocular lymphoma
primary mediastinal large B cell lymphoma
primary organ-specific lymphoma
primary thyroid lymphoma
proliferative myositis
prostate enucleation
prostate procedure
prostatic artery embolization
prostatic urethral lift
prostatovesiculectomy
protein language model
pulmonary Langerhans cell histiocytosis
pulmonary lymphangiectasia
pulmonary nodular lymphoid hyperplasia
pyothorax-associated lymphoma
Pyrrhocoris
Pyrrhocoris apterus
QBC939 cell line
Rabbit calicivirus
Rabbit hemorrhagic disease virus 2
radical prostatectomy
radioresistant tumor
rebound nystagmus
recrudescence
religiosity
religious behavior
repeat expansion mutation
resistive pulse sensing
retinal vasculopathy with cerebral leukodystrophy
retraction nystagmus
retropubic prostatectomy
reverse electron transport
Rezum therapy
Richter syndrome
rotational nystagmus
saprosonosis
saproozonosis
sarcoma of the spleen
Sarcocladium strictum
SARS-CoV-2 (BA.5.2) (isolate hCoV-19/USA/Chicago IL/2022)
SARS-CoV-2 (clinical isolate 3049/Estonia)

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SARS-CoV-2 (hCoV-19/France/IDF-220-95/2020)
SARS-CoV-2 (hCoV-19/Italy/LOM-INMI-10734/2020)
SARS-CoV-2 (hCoV-19/Japan/TY26-717/2021)
SARS-CoV-2 (hCoV-19/Japan/TY28-444/2021)
SARS-CoV-2 (hCoV-19/Japan/TY33-456/2021)
SARS-CoV-2 (hCoV-19/Japan/TY38-871/2021)
SARS-CoV-2 (hCoV-19/Japan/TY40-385/2022)
SARS-CoV-2 (hCoV-19/Japan/TY41-686/2022)
SARS-CoV-2 (hCoV-19/Japan/TY41-702/2022)
SARS-CoV-2 (hCoV-19/Japan/TY41-703/2022)
SARS-CoV-2 (hCoV-19/Japan/TY41-716/2022)
SARS-CoV-2 (hCoV-19/Japan/TY41-795/2022)
SARS-CoV-2 (hCoV-19/Japan/TY41-796/2022)
SARS-CoV-2 (hCoV-19/Korea/KCDC-06/2020)
SARS-CoV-2 (isolate hCoV-19/Hungary/41-4/2020)
SARS-CoV-2 (isolate hCoV-19/Italy/LAZ-INMI-82isl/2020)
SARS-CoV-2 (Isolate hCoV-19/Scotland/CVR837/2020)
SARS-CoV-2 (isolate human/DEU/FFM7/2020)
SARS-CoV-2 (lineage B.1.5)
SARS-CoV-2 (lineage BA.2.12.1)
SARS-CoV-2 (lineage XBB)
SARS-CoV-2 (lineage XBB.1)
SARS-CoV-2 (Victoria/01/2020)
SARS-CoV-2 (XBB.1.5)
SARS-CoV-2 Alpha (isolate hCoV-19/Belgium/regal-12211513/2020)
SARS-CoV-2 Alpha (isolate hCoV-19/Italy/CAM-INMI-1 1 8isl/2020)
SARS-CoV-2 Alpha (spike protein) pseudovirus
SARS-CoV-2 Delta (isolate hCoV-19/Italy/LAZ-INMI-648/2021)
SARS-CoV-2 Delta (isolate USA/MD-HP05285/2021)
SARS-CoV-2 Delta (strain IVCAS6.7585)
SARS-CoV-2 Gamma (isolate hCoV-19/Italy/LAZ-INMI-216isl/2021)
SARS-CoV-2 Omicron (isolate hCoV-19/USA/MD-HP20874/2021)
SARS-CoV-2 Omicron (lineage BA.1.1)
SARS-CoV-2 Omicron (lineage BA.5.2)
SARS-CoV-2 Omicron (XE)
SARS-CoV-2 reporter d6-YFP
SARS-CoV-2 Southern California (spike protein) pseudotyped lentivirus
scalp cancer
SCC-25 cell line
sea-blue histiocyte syndrome
secondary hemophagocytic lymphohistiocytosis
see-saw nystagmus
self-responsibility
seminal vesiculectomy
senescence associated secretome
sepsis-induced acute lung injury
septic bursitis
septic complication
Sequoia sempervirens
severe intrauterine growth retardation
severe sepsis
sexual anhedonia
sexual aversion disorder
sexual desire disorder
sexual dissatisfaction
sexual immaturity
sexual pain
shunt nephritis
simple prostatectomy
sinopulmonary infection
skin on a chip
sleep questionnaire
sleep study
sling procedure
small lymphocytic lymphoma
Small ruminant morbillivirus
smart device
smart home
smart home system
SNU-182 cell line
social anhedonia
spasmus nutans
spermatorrhea
spermaturia
sphingolipidosis
splenic diffuse red pulp lymphoma
splenic hamartoma
splenic pseudocyst
splenosis
squamous cell carcinoma of the face
Strix
Strix aluco
Strix occidentalis
Strix varia
subependymal nodule
sulfatidosis
suprapubic prostatectomy
Swan 71 cell line
Syzygium malaccense
Syzygium samarangense
T cell acute lymphoblastic leukemia
T cell chronic lymphocytic leukemia
T cell large granular lymphocyte leukemia
T cell prolymphocytic leukemia
T cell/histiocyte-rich large B cell lymphoma
Taenia asiatica infection
Taenia crassiceps infection
Taenia saginata infection
Taenia solium infection
Taenia taeniaeformis infection
TAFRO syndrome
teacher attitude
teacher student relationship
tendon xanthoma

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Tetradasmus
Tetradasmus dimorphus
Tetradasmus obliquus
thermal ablation
throat cancer
thulium laser enucleation of the prostate
thulium laser prostate surgery
thulium laser resection of the prostate
thymic adenocarcinoma
thymic sarcoma
thymus enlargement
thymus hypertrophy
thymus hypoplasia
Tineola
Tineola bisselliella
tophaceous gout
transport accident
transurethral resection syndrome
Trapa
Trapa natans
treatment resistant bipolar depression
trinucleotide repeat expansion
trophic dynamics
trophic interaction
Trophic State Index
trophic status
trophic structure
trophic system
trophic transfer
trophic transmission
tropical ulcer
Tu 686 cell line
tuberous xanthoma
tumefactive demyelinating lesion
Tumor necrosis factor receptor test kit
tumor necrosis factor test kit
Tyto
Tyto alba
unicentric Castleman disease
upbeat nystagmus
uxoricide
vagina infection
vaginal lymphoma
vaginoplasty
variably protease-sensitive prionopathy
Vecchietti procedure
venogenic impotence
verruciform xanthoma
vertical nystagmus
viral sexually transmitted disease
water vapor ablation
water vapor thermal therapy
wearable device
wound myiasis
WSU-HN12 cell line
X-linked lymphoproliferative syndrome
X-linked lymphoproliferative syndrome type 1
X-linked lymphoproliferative syndrome type 2
xanthelasma palpebrarum
xanthoma disseminatum

Drug terms

New or pre-existing term

** indicates pre-existing term*

acitretin

edaravone

fluvastatin

leukadherin 1 choline

nedosiran sodium*

Old (replaced) term

These terms become synonyms of the new term

etretin

norphenazone

fluindostatin

gb1275

dcr l1360

Non-drug terms

New or pre-existing term

** indicates pre-existing term*

Acidipropionibacterium acidipropionici
 aggressive primary cutaneous T cell lymphoma
 cornea basal cell carcinoma
 cutaneous B cell lymphoma
 female genital tract infection*
 gastric B cell lymphoma
 gender reassignment
 indolent primary cutaneous T cell lymphoma
 Lentilactobacillus buchneri
 malignant histiocytic disorder
 mixed phenotype acute leukemia
 Nitrospirota
 non-Hodgkin lymphoma
 pagetoid reticulosis
 pathologic nystagmus
 physiologic nystagmus
 post infection complication
 primary cutaneous diffuse large B cell lymphoma
 leg type
 primary cutaneous marginal zone B cell lymphoma
 primary mediastinal large B cell lymphoma
 Tetradesmus obliquus

Old (replaced) term

These terms become synonyms of the new term

Propionibacterium acidipropionici
 aggressive primary cutaneous T-cell lymphoma
 cornea rodent ulcer
 cutaneous B-cell lymphoma
 gynecologic infection
 gastric B-cell lymphoma
 sex reassignment
 indolent primary cutaneous T-cell lymphoma
 Lactobacillus buchneri
 histiocytic lymphoma
 acute biphenotypic leukemia
 Nitrospirae
 nonhodgkin lymphoma
 Woringer Kolopp disease
 nystagmus
 optokinetic nystagmus
 infection complication
 primary cutaneous diffuse large B-cell lymphoma
 leg type
 primary cutaneous marginal zone B-cell lymphoma
 primary mediastinal large B-cell lymphoma
 Acutodesmus obliquus