

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26 terms (21 drug terms and 5 non-drug terms) from Emtree May 2023 have been replaced by 26 different terms in September 2023 (5 drug terms and 21 non-drug terms).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
acitretin
aspirin trelamine
atx 01 (antisense oligonucleotide)
bgt dtcd
bgt otcd
bimatoprost grenod
bimervax
bocodepsin
bovine coronavirus vaccine
demannose
dt-dec01
duloxetine plus pregabalin
durlobactam plus sulbactam
edaravone
elfucose
eltrekibart
emzadirib
enristomig
FcRn inhibitor
FcRn receptor
florbenguane f 18
fluvastatin
frunexian
gamcemetinib
glycopyrronium plus neostigmine methyl sulfate
gsk 3844766a

ibuprofen trelamine
infectious laryngotracheitis infectious bursal disease Marek's disease vaccine
leukadherin 1 choline
lotiglipton
lucoridalines
mecobalamin plus nortriptyline plus pregabalin
mecobalamin plus pregabalin
nanatinostat plus valganciclovir
nevadistinel
nezastomig
nortriptyline plus pregabalin
pa3 17
pf 06928316
polithera
pxl770
raav-olig001-aspa
rapirosiran
risevistinel
sar421869
sar422459
solbinsiran
tagtociclib
tak 755
ucenprubart
xmt 1592

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 cucicularia
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
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
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 kefiranofaciens
language model
large language model
laser ablation of the prostate
laser enucleation
laser enucleation of the prostate
laser resection of the prostate
laser vaporization

hypereutrophy
hyperparasite
hyperparasitemia
hyperparasitism
hyperparasitoid
idiobiont
idiopathic infantile nystagmus

late infantile metachromatic
leukodystrophy
laxative abuse
leech infestation
legal gender affirmation
Lentilactobacillus
Lentilactobacillus buchneri
Lentilactobacillus kefiri
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
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

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)

retinal vasculopathy with cerebral leukodystrophy
retraction nystagmus
retropubic prostatectomy
reverse electron transport
Rezum therapy
Richter syndrome
rotational nystagmus
saprosonosis
saprozoonosis
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)
SARS-CoV-2 Alpha (isolate hCoV-19/Belgium/regal-12211513/2020)
SARS-CoV-2 Alpha (isolate hCoV-19/Italy/CAM-INMI-118isl/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
spermatorrhoea
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
Tetrademus
Tetrademus dimorphus
Tetrademus 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

Vecchiotti 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
term*

acitretin
edaravone
fluvastatin
leukadherin 1 choline
nedosiran sodium*

Old (replaced) term

These terms become synonyms of the new

etretin
norphenazone
fluindostatin
gb1275
dcr l1360

Non-drug terms

New or pre-existing term

** indicates pre-existing term
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
Tetradasmus obliquus

Old (replaced) term

These terms become synonyms of the new

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



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