

## Emtree Terms Added and Changed (January 2024)

This is an overview of new terms added and changes made in the first Emtree release in 2024.

Overall, Emtree has grown by 1289 preferred terms (298 drug terms and 991 non-drug terms) compared with the previous version released in September 2023. In total Emtree now counts 98776 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 January 2024

1333 new terms (including 44 replacement terms and promoted synonyms) have been added to Emtree as preferred terms in version January 2024 (compared to September 2023):

- 321 drug terms (terms assigned to the Chemicals and Drugs facet).
- 1012 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 2024 (typically as candidate terms), sometimes for several years, before they were added to Emtree.

### Emtree Terms Changed in January 2024

44 terms (21 drug terms and 23 non-drug terms) from Emtree September 2023 have been replaced by 39 different terms in January 2024 (20 drug terms and 19 non-drug terms).

Of these, 35 terms (18 drug terms and 17 non-drug terms) are new (e.g. new generic names for drug chemical names) and have been assigned creation date 2024; the remaining 4 replacement terms (2 drug terms and 2 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

abefolastat tesaroxetan	cinsebrutinib
abiprubart	civorebrutinib
adakitug	clemidsogene lanparvovec
admilparant	clofutriben
alexatug	coramitug
alisvetcel	crelosidenib
allergy vaccine	cyclophilin F
amphidinol	cytisinicline
amphidinolide	dalmitamig
andusomeran	dasaroxetan
aneratriginine	dasminapant
anthrone	davelizomib
anthrone derivative	dazagamglogene autogedtemcel
arbemnifosbuvir	deunirmatrelvir
arlocabtagene autoleucl	deupsilocin
artesanate plus pyrimethamine plus sulfadoxine	dietary bioactive peptide
atilotrelvir	digadoglucitol
ATPase inhibitory protein	divesiran
avenciguat	DNA directed DNA polymerase theta
avitotamig	donzakimig
basivarsen	dorocubicel
bavtavirine	DYRK kinase
bee venom extract	edelinontrine
bee venom plus wasp venom extract	efercoleukin alfa
bee venom plus wasp venom vaccine	efgartigimod alfa plus hyaluronidase
bee venom vaccine	efpegerglucagon
bemfivastatin	elastin-like polypeptide
bemiltenase alfa	elmanitin
benzoisochromanequinone derivative	emidurdar
bevemipretide	emilumenib
bexicaserin	enavermotide
bezetabart	enhancer RNA
bezetabart debotansine	envuretsel
bezisterim	evalstotug
bioenhancer	ezobresib
biopterin derivative	fanastomig
bivamelagon	fencabtagene autoleucl
bleximenib	fexagratinib
bnt162b2s01	ficerafusp alfa
brengitecan	firicabtagene autoleucl
brinretigene vesgedparvovec	firmonertinib
budoprutug	first generation cephalosporin
bulk drug	fosigotifator
cabotamig	fourth generation cephalosporin
canlitinib	friluglanstat
canvircept	galvokimig
carbohydrate sulfotransferase	ganipatide
cemacabtagene ansegedleucl	gengleucl
centrosomal protein	gildeuretinol
cepeprubart	givastomig
chlorpheniramine maleate plus dexamethasone	glecirasib
choline transporter-like protein 2	GluK2 kainate receptor
cibotercept	GluK3 kainate receptor
cibrigirsen	golmestrocel

## Emtree Terms Added and Changed (January 2024) | 3

grenod  
ibentatug  
ibuzatrevir  
icalcaprant  
icovamenib  
igermetostat  
imdatifan  
imdisiran  
indolosesquiterpene  
inosine triphosphate pyrophosphatase  
insulin like peptide  
invopressin  
inwardly rectifying potassium channel Kir5.1  
irpagratinib  
irucalantide  
izalontamab brengitecan  
izastobart  
labuxtinib  
lacutoclax  
lamin B receptor  
lancastotug  
latovetcel  
lefelsiran  
legumin  
lepodisiran  
lepszacitinib  
leramistat  
lerzeparib  
ligand-gated cation channel  
limantrafin  
limaresiquimod  
lingdolinurad  
lixumistat  
lomedecitinib  
londamocitinib  
lucicebtide  
lumrotatug  
lunresertib  
lunsekimig  
luvagrobart  
luxdegalutamide  
magnesium sulfate plus polyethylene glycol 3350  
    plus potassium chloride plus sodium chloride  
    plus sodium sulfate  
matrix Gla protein  
metal regulatory transcription factor 1  
micropeptide  
migaldendranib  
mitochondrial processing peptidase  
mitogen activated protein kinase kinase kinase  
    14  
mivelsiran  
mixed allergen extract  
monlunabant  
mosnodenvir  
mRNA-1273.211  
mRNA-1273.351  
myokine  
nanovaccine  
navenibart  
nedometinib  
negalstobart  
nelmastobart  
nerandomilast  
nerigliatin  
nesvategrast  
nibrozetone  
nimatpagene pariparvovec  
nisotirostide  
noraramtide  
olgotrelvir  
omoprubart  
omramotide  
onacrisantaspase  
onvapegleukin alfa  
opelkibart  
opelkibart elmanitin  
opemalirsen  
opevesostat  
orziloben  
osavampator  
osunprotafib  
oxacephem derivative  
oximbomotide  
pamvatamig  
pegmispotide  
pemivibart  
peroxidasin  
petrelintide  
pevedotin  
pharmaceutical adjuvant  
pimicotinib  
pitozinameran  
plozasiran  
pobrolitide  
polyether polyketide  
polyether toxin  
polypeptide n acetylgalactosaminyltransferase  
pozdeutinurad  
pozetaldogene ormesparvovec  
pradimicin type polyphenol  
protein phosphatase inhibitory protein  
protein xylosyltransferase  
protide  
Pseudomonas aeruginosa exotoxin A  
puberty inhibitor  
Rabphilin-3A  
ragistomig  
raxtozinameran  
redafamdastat  
reflocibart  
renizgamlogene autogedtemcel  
repicericel  
resigratinib

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rezatapopt  
rezetamig  
rezorstobart  
ribrecabtagene autoleucl  
rocbrutinib  
roconkibart  
roginolisib  
rondaptivon pegol  
rostudirsen  
rovunaptabin  
sacituzumab tirumotecan  
scavenger (compound)  
second generation cephalosporin  
secreted aspartic proteinase  
sefaxersen  
seniprutug  
sifarobocept  
sigvotatug  
sigvotatug vedotin  
silevimig  
sipavibart  
Sjogren's syndrome type B antigen  
solizmestrocel  
solrikitug  
Solute carrier family 14 member 1  
solute carrier family 14 member 2  
sontigidomide  
soquelitinib  
spirooxindole  
spunoleucl  
stannic protoporphin  
Stemona alkaloid  
sterol o acyltransferase  
sterol o acyltransferase 1  
sterol o acyltransferase 2  
sucantomotide  
sutidiazine  
tacaciclilb  
talovirtide  
tarumase  
tebapivat  
tegeprotafib  
tegomil fumarate  
tegrenmeran  
tesaroxetan  
tesrivetcel  
third generation cephalosporin  
thyroid hormone-binding protein  
tibremciclib  
tigozertinib  
timcevibart  
tindupepimut  
tirfipiravir  
tirumotecan  
tisolagiline  
trace amine associated receptor  
trastuzumab brengitecan  
traxivitug  
tree pollen extract  
troculeucl  
two pore channel 1  
two pore channel 2  
two-pore channel  
type 1 galactoside alpha (1,2) fucosyltransferase  
ucasareotide dasaroxetan  
upalsecovatein  
uplarafenib  
uprevstobart  
urea transporter  
usilnetug  
usnoflast  
vamagloxistat  
vecilmeran  
velucovacap  
verekitug  
vevoctadekin  
vicatertide  
vilastobart  
vimekofusp  
vintesomeran  
visepegenatide  
voltage gated ion channel  
vorbipiprant  
votoplam  
wasp venom extract  
wasp venom vaccine  
xirestomig  
zalfermin  
zaloganan  
zamarovint  
zelatriazin  
zeleciment  
zeleciment basivarsen  
zeleciment rostudirsen  
zelenectide  
zelenectide pevedotin  
zelicapavir  
zevotrelvir  
zimislecil  
zodasiran  
zopocianine  
zotresiran

## Non-drug terms

6-pyruvoyl-tetrahydropterin synthase deficiency  
 Aberrant Motor Behavior in Dementia  
 academia  
 access to contraception  
 access to medication  
 access to treatment  
 ACEF score  
 acoustic noise  
 ACTH-dependent Cushing syndrome  
 ACTH-independent Cushing syndrome  
 ACTH-independent macronodular adrenal hyperplasia  
 acute care surgery  
 acute cutaneous lupus erythematosus  
 acute hyperammonemia  
 adaptive technology  
 adenocarcinoma of the lacrimal gland  
 adenohipophyseal placode  
 adenoid cystic carcinoma of the lacrimal gland  
 adenoid cystic carcinoma of the trachea  
 adjacent segment disease  
 adult dermatomyositis  
 adult polyglucosan body disease  
 Aland Island eye disease  
 aldosterone synthase deficiency  
 Allan-Herndon-Dudley syndrome  
 alpha mannosidosis  
 altmetric attention score  
 altmetrics  
 alveolar septal amyloidosis  
 Alzheimer Disease Assessment Scale-cognitive subscale  
 amyloid beta protein[1-42]-induced neurotoxicity  
 amyloidoma  
 amyloidosis cutis dyschromica  
 analysis protocol  
 anisocytosis  
 anisopoikilocytosis  
 antenatal Bartter syndrome  
 anterior cervical interbody fusion  
 anterior lumbar interbody fusion  
 appendicular skeletal muscle mass index  
 arginine glycine amidinotransferase deficiency  
 aromatase excess syndrome  
 aromatic L-amino acid decarboxylase deficiency  
 Arthrobotrys  
 Arthrobotrys oligosporus  
 Assessment of SpondyloArthritis international Society Health Index  
 athyreosis  
 atrophoderma of Pasini and Pierini  
 attentional disengagement  
 autocatalysis  
 autoimmune diabetes  
 autoimmune pulmonary alveolar proteinosis  
 autosomal dominant hypocalcemia  
 avatar  
 avian erythroblastosis  
 background noise  
 Balke protocol  
 BCLC staging system  
 behavioral coping  
 behavioral disengagement  
 Behavioral Pediatrics Feeding Assessment Scale  
 Benedenia  
 benign ear nose throat tumor  
 benign head tumor  
 benign neck tumor  
 benign salivary gland tumor  
 best practice  
 Binge Eating Scale  
 biocuration  
 bioscience education  
 bipolar transistor  
 blue baby syndrome  
 blue field entoptic phenomenon  
 bone spicule pigmentation  
 Bothrops asper  
 Bothrops atrox  
 Boucher Neuhauser syndrome  
 brain amyloidosis  
 brain drain  
 brain stem death  
 brain-lung-thyroid syndrome  
 brainwashing  
 branchiogenic carcinoma  
 Bristol Female Lower Urinary Tract Symptoms questionnaire  
 brittle diabetes  
 brownian noise  
 Bruce protocol  
 Bruck syndrome  
 buccal mucosa cancer  
 built infrastructure  
 bullous systemic lupus erythematosus  
 Bungarus multicinctus  
 burn pit exposure  
 cancer of the floor of the mouth  
 Cancer of the Liver Italian Program score  
 Candidatus Anammoxoglobus  
 Candidatus Brocadia  
 Candidatus Jettenia  
 Candidatus Kueningenia  
 Candidatus Scalindua  
 Capsalidae  
 carbon nanotube field effect transistor

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carboxyhemoglobinemia  
carcinoma ex pleomorphic adenoma of the salivary gland  
carcinoma of the cheek mucosa  
carcinoma of the external ear  
carcinoma of the floor of the mouth  
carcinoma of the lacrimal gland  
carcinoma of the temporal bone  
cardio-oncology  
Cardiometabolic index  
caudal ganglionic eminence  
cavernous sinus syndrome  
Cenchrus ciliaris  
central nervous system lupus  
central precocious puberty  
cerebral amyloid angiopathy  
ceruminoma  
cervical discectomy  
cervical fusion (procedure)  
cervical laminectomy  
cheek cancer  
cheek carcinoma  
chilblain lupus  
Children Sleep Habits Questionnaire  
choroidal nevus  
choroidal osteoma  
chronic acidosis  
chronic cutaneous lupus erythematosus  
chronic hyperammonemia  
chronic metabolic acidosis  
chronic respiratory acidosis  
citation metrics  
citrin deficiency  
citrullinemia type I  
classic Bartter syndrome  
classic congenital adrenal hyperplasia due to 21-hydroxylase deficiency  
classic galactosemia  
classical Ehlers-Danlos syndrome  
Clinical Assessment interview for Negative Symptoms  
clinical autopsy  
clinical dashboard  
Clinical Dementia Rating Sum of Boxes  
clinical Juvenile Arthritis Disease Activity Score  
clinical research protocol  
clinical trial registration  
coal-fired power plant  
Cocconeis  
Cochliomyia hominivorax  
Cochliomyia macellaria  
cognitive coping  
Cognitive Failures Questionnaire  
cognitive inhibition  
cognitive reflection  
cognitive shifting  
collagenoma  
Community Assessment of Psychic Experiences  
community of practice  
Compliance Questionnaire Rheumatology  
Comprehensive Assessment of At-Risk Mental States  
computed tomography myelography  
congenital central hypothyroidism  
congenital contractural arachnodactyly  
congenital disorder of glycosylation type 1k  
congenital epulis  
congenital insensitivity to pain with anhidrosis  
congenital lactic acidosis  
congenital sucrase isomaltase deficiency  
conjunctival cancer  
conjunctival carcinoma  
conjunctival papilloma  
conjunctival squamous cell carcinoma  
Conn syndrome  
Conners Rating Scale  
consultation frequency  
consultation time  
consumer engagement  
consumer participation  
contact pressure  
continuous glucose monitoring  
contrast media exposure  
contributory cause of death  
coping  
coping skills training  
cortical brain death  
cough variant asthma  
COVID-19 Peritraumatic Distress Index  
Crenothrix  
critical care surgery  
Crohn Disease Endoscopic index of Severity  
Crohn disease exclusion diet  
cultured meat  
cystathionine beta-synthase deficiency  
cystathioninuria  
cystic fibrosis related diabetes  
D bifunctional protein deficiency  
dashboard camera  
data disaggregation  
deaf culture  
Debre Fibiger syndrome  
deepfake  
degron  
delta beta thalassemia  
DEND syndrome  
dermatochalasis  
diabetic foot infection  
diabetic foot ulcer  
diabetic glomerulosclerosis  
diabetic mastopathy  
diabetic nephrosclerosis  
diagnosis to treatment interval  
dialysis related amyloidosis

## Emtree Terms Added and Changed (January 2024) | 7

Dictyophora  
Dictyophora indusiata  
differential interference contrast microscopy  
digital health  
digital health technology  
dignity therapy  
dihydrolipoamide dehydrogenase deficiency  
dihydropteridine reductase deficiency  
Diplozoidae  
disaster nursing  
Disease Activity in Psoriatic Arthritis  
disengagement  
disinvestment  
disorders of glucose metabolism  
distal renal tubular acidosis  
DN4 questionnaire  
DNA damage tolerance  
dominant lethal mutation  
dorsolateral placode  
Dowling-Degos disease  
Duddingtonia flagrans  
DUKE-UNC Functional Social Support  
    Questionnaire  
duration  
dyshemoglobinemia  
dysmetropsia  
ear carcinoma  
ear melanoma  
eating behavior assessment  
economic infrastructure  
ectodermal placode  
educational infrastructure  
ego defense  
Ehlers-Danlos syndrome type III  
Ehlers-Danlos syndrome type VI  
elder neglect  
electrical noise  
electrocatalysis  
electronic dashboard  
emergency department visit  
emergency visit  
emotional awareness  
emotional development  
Emotional Eating Scale  
employee participation  
endemic cretinism  
endolymphatic sac tumor  
endothelial-mesenchymal transition  
energy spectrum  
engagement  
enthesitis-related arthritis  
entoptic phenomenon  
environmental noise  
eosinophilic folliculitis  
epibranchial placode  
epidemic preparedness  
epidural fibrosis  
epulis  
epulis fissuratum  
erectile dysfunction inventory of treatment  
    satisfaction  
EULAR Sjogren syndrome disease activity index  
EULAR Sjogren Syndrome Patient Reported Index  
evidence scan  
evidence synthesis  
experimental nematode infection  
experimental protocol  
experimental syphilis  
experimental systemic inflammation  
experimental trichinellosis  
external auditory canal cancer  
external auditory canal carcinoma  
external auditory canal squamous cell carcinoma  
external ear cancer  
external ear melanoma  
extravillous trophoblast  
extreme insulin resistance syndrome  
eye metastasis  
eye pigmentation  
face-to-face consultation  
face-to-face interview  
facial melanoma  
familial chilblain lupus  
familial hyperaldosteronism  
familial hyperaldosteronism type 1  
familial hyperaldosteronism type 2  
familial hyperaldosteronism type 3  
familial isolated hyperparathyroidism  
familial systemic lupus erythematosus  
familial thoracic aortic aneurysm and dissection  
Fanconi-Bickel syndrome  
fasting hypoglycemia  
feminizing genitoplasty  
fetal edema  
fibrocalculous pancreatic diabetes  
figural aftereffect  
flexitarian diet  
fluoride treatment  
Foot and Ankle Ability Measure  
Foot and Ankle Ability Measure activities of daily  
    living subscale  
Foot and Ankle Ability Measure sports subscale  
Foot and Ankle Disability Index  
Foot Function index  
forensic autopsy  
forensic imaging  
formal caregiver  
fossil fuel power plant  
Four-Dimensional Symptom Questionnaire  
Fourier transform infrared spectrometer  
frontal sinus carcinoma  
frontal sinus osteoma  
frontal sinus tumor  
fructose-1,6-diphosphatase deficiency

## Emtree Terms Added and Changed (January 2024) | 8

fructosuria  
GABA transaminase deficiency  
galactokinase deficiency  
ganglionic eminence  
gas-fired power plant  
Gaussian noise  
gelsolin amyloidosis  
gender-affirming care  
General Nutrition Knowledge Questionnaire  
generative artificial intelligence  
generative model  
genitoplasty  
geolocation  
geothermal power plant  
gila monster  
gingival cancer  
gingival carcinoma  
gingival squamous cell carcinoma  
glansplasty  
Global Deterioration Scale  
global navigation satellite system  
glucose-galactose malabsorption  
GLUT1 deficiency syndrome  
glycogen storage disease type 1a  
glycogen storage disease type 1b  
glycogen storage disease type 9  
glycoimmunology  
GM3 synthase deficiency  
GNE myopathy  
good agricultural practice  
good distribution practice  
good practice standard  
good research practice  
Gottron papule  
graphene field effect transistor  
green light  
Griscelli syndrome type 2  
guanidinoacetate methyltransferase deficiency  
guanosine triphosphate cyclohydrolase I deficiency  
gyrate atrophy  
gyroscope sensor  
hallucinogen persisting perception disorder  
Hammersmith Infant Neurological Examination  
Hammersmith Neonatal Neurological Examination  
haptor  
hard palate cancer  
hard palate carcinoma  
Harvard food frequency questionnaire  
hawkinsinuria  
head and neck angiosarcoma  
head and neck basal cell carcinoma  
head and neck melanoma  
head and neck sarcoma  
Health Assessment Questionnaire-Disability index  
health infrastructure  
health service misuse  
heavy chain amyloidosis  
Hedera helix  
heliotrope rash  
helminth larva  
Heloderma  
Helodermatidae  
hemichorea  
hemoglobin Bart disease  
hemoglobin E disease  
hemoglobin M disease  
hepatic artery resistance index  
hereditary cerebral hemorrhage with amyloidosis  
hereditary elliptocytosis  
hereditary pulmonary alveolar proteinosis  
hereditary pyropoikilocytosis  
hereditary renal amyloidosis  
hereditary sensory and autonomic neuropathy type 5  
Hermansky Pudlak syndrome  
Hermansky-Pudlak syndrome type 2  
heterogeneous catalysis  
high anion gap metabolic acidosis  
high electron mobility transistor  
HIV associated eosinophilic folliculitis  
holocarboxylase synthetase deficiency  
home schooling  
homogeneous catalysis  
honor killing  
honor-based violence  
hospital visit  
Hurler-Scheie syndrome  
hydrallantois  
hydroelectric power plant  
Hyoscyamus muticus  
Hyoscyamus niger  
hyperchloremic metabolic acidosis  
hyperinsulinism hyperammonemia syndrome  
hypermethioninemia  
hyperproinsulinemia  
hyperprolinemia type I  
hyperprolinemia type II  
hypochloremic metabolic alkalosis  
hypokalemic hypochloremic metabolic alkalosis  
hypokalemic metabolic alkalosis  
hypoketotic hypoglycemia  
hypoprolactinemia  
hyporeninemic hypoaldosteronism  
idiopathic central precocious puberty  
image manipulation  
image noise  
image-based sexual abuse  
IMDC score  
iminoglycinuria  
immediate cause of death  
immune system exhaustion  
imprinting disorder  
inborn error of carbohydrate metabolism

inborn error of fructose metabolism	lupus erythematosus tumidus
indoctrination	Lymantria dispar dispar
Influenza A virus (H5N6)	lysozyme amyloidosis
Influenzavirus D	Mabry syndrome
informal care	magnetic resonance myelography
informal caregiver	major pathological response
infrastructure	malnutrition-related diabetes mellitus
inhalational exposure	Mammarenavirus caliense
inhibitory control	mandatory vaccination
inner conflict	manner of death
insulin autoimmune syndrome	masculinizing genitoplasty
insulin resistant diabetes	mass media exposure
insulin shock	mass shooting
intellectual development	maternal edema
interactive dashboard	maturity onset diabetes of the young
interference reflection microscopy	maturity onset diabetes of the young type 1
interpersonal conflict	maturity onset diabetes of the young type 2
intestinal barrier function	maturity onset diabetes of the young type 3
ion sensitive field effect transistor	maturity onset diabetes of the young type 5
isobutyryl-CoA dehydrogenase deficiency	Meaning in Life Questionnaire
isolated hypogonadotropic hypogonadism	mechanic hand
isovaleric acidemia	mechanism of death
junction field effect transistor	medial ganglionic eminence
Juvenile Arthritis Disease Activity Score	medical child abuse
juvenile psoriatic arthritis	medical neglect
KDQOL-36	medical underuse
ketonemia	Mediterranean Diet Adherence Screener
Kidney Disease Quality of Life	Mediterranean Diet Quality Index
King Brief Interstitial Lung Disease questionnaire	Melasma Area and Severity index
King Parkinson disease Pain scale	Melopsittacus
Klebsiella pneumoniae subsp. pneumoniae	membranous lupus nephritis
Knee Outcome Survey	MEMS accelerometer
Knee Outcome Survey Activities of Daily Living	meta-analysis protocol
Knee Outcome Survey Sports	metabolic ketosis
Kocher-Debre-Semelaigne syndrome	metabolic reprogramming
labeling protocol	metal oxide semiconductor field effect transistor
laboratory protocol	metastatic head and neck cancer
Lacanian theory	methionine adenosyltransferase deficiency
laryngeal lipoma	methylenetetrahydrofolate reductase deficiency
late onset congenital adrenal hyperplasia	microneedling
lateral ganglionic eminence	middle ear adenoma
lateral line placode	middle ear cancer
Launay-Slade Hallucination Scale	middle ear carcinoma
Leeds Assessment of Neuropathic Symptoms and Signs	minor salivary gland tumor
Leisure Time Exercise Questionnaire	Mirror syndrome
lens placode	mitochondria associated membrane
leukocyte chemotactic factor 2 amyloidosis	MLASA syndrome
limb-girdle muscular dystrophy type 2l	mode of death
limited cutaneous systemic sclerosis	modified Melasma Area and Severity Index
lipopolysaccharide-induced systemic inflammation	Monocotylidae
Listeria monocytogenes serotype 1/2a	monocyte exhaustion
Listeria monocytogenes serotype 4b	monogenic diabetes
Localized Scleroderma Cutaneous Assessment Tool	Monopisthocotylea
lumbar interbody fusion	Mooren's ulcer
lumbar laminectomy	mouth verrucous carcinoma
	MSKCC Score
	mucopolysaccharidosis type 1

mucopolysaccharidosis type III  
 mucopolysaccharidosis type IIIA  
 mucopolysaccharidosis type IIIB  
 mucopolysaccharidosis type IIIC  
 mucopolysaccharidosis type IIID  
 mucopolysaccharidosis type IVA  
 mucopolysaccharidosis type IVB  
 multiple carboxylase deficiency  
 multiple system atrophy  
 multiple system atrophy cerebellar type  
 multiple system atrophy parkinsonian type  
 Myasthenia Gravis Foundation of America Post-  
     Intervention Status  
 myocardial performance index  
 NADH methemoglobin reductase deficiency  
 nasal adenocarcinoma  
 nasal cavity carcinoma  
 nasal cycle  
 nasal squamous cell carcinoma  
 nasopharyngeal angiofibroma  
 natural death  
 natural killer cell differentiation  
 navigation system  
 neck hemangioma  
 neck sarcoma  
 neonatal hyperammonemia  
 neonatal hypoglycemia  
 neonatal intrahepatic cholestasis caused by citrin  
     deficiency  
 neonatal lupus erythematosus  
 neonatal severe hyperparathyroidism  
 Neu-Laxova syndrome  
 neural noise  
 neurofibroma of the larynx  
 neurolupus  
 Neuropathic Pain Scale  
 Neuropathic Pain Symptom inventory  
 neuropsychiatric systemic lupus erythematosus  
 no-show  
 noise spectrum  
 Non-Motor Symptoms Questionnaire  
 Non-Motor Symptoms Scale  
 normal anion gap metabolic acidosis  
 nuchal edema  
 nuclear power plant worker  
 nutritional and metabolic disorder  
 Nyssaceae  
 oblique lateral interbody fusion  
 Obsessive Compulsive Drinking Scale  
 ocular adnexal cancer  
 ocular squamous cell carcinoma  
 oculocutaneous albinism type 1  
 oculocutaneous albinism type 2  
 oculocutaneous albinism type 4  
 oleic acid-induced lung injury  
 olfactory placode  
 oligoarticular juvenile idiopathic arthritis  
 olivary degeneration  
 oncomiracidium  
 Onodera Prognostic Nutritional Index  
 open burning  
 open science  
 Open Science Framework registration  
 Operative Link on Gastric Intestinal Metaplasia  
     Assessment  
 Operative Link on Gastritis Assessment  
 opioid-free anesthesia  
 opisthaptor  
 optic disc melanocytoma  
 optical microscopy  
 Orbilia  
 Orbiliales  
 orbit sarcoma  
 orbital meningioma  
 organic field effect transistor  
 organocatalysis  
 osteogenesis imperfecta type I  
 osteogenesis imperfecta type II  
 osteogenesis imperfecta type III  
 osteogenesis imperfecta type IV  
 osteogenesis imperfecta type V  
 osteopetrosis with renal tubular acidosis  
 otic placode  
 overlapping surgery  
 overmedicalization  
 overtesting  
 painDETECT  
 painful diabetic neuropathy  
 palate cancer  
 palate carcinoma  
 palinopsia  
 pandemic preparedness  
 papuloerythroderma of Ofuji  
 Paramphistomidae  
 paranasal sinus osteoma  
 parapharyngeal space tumor  
 paraquat-induced pulmonary fibrosis  
 parathyroid hypertrophy  
 parotid gland adenocarcinoma  
 parotid gland adenoid cystic carcinoma  
 paroxysmal cold hemoglobinuria  
 paroxysmal hemoglobinuria  
 participation  
 paternal death  
 pathological complete response  
 pathological response  
 patient centered communication  
 patient visit  
 patient-ventilator asynchrony  
 pediatric systemic lupus erythematosus  
 pelopsia  
 Pelvic Floor Distress Inventory  
 Pelvic Floor Distress Inventory-20  
 people by vaccination status

people of color  
 people of mixed African and European ancestry  
 people of mixed ancestry  
 per protocol analysis  
 pericardial implant  
 peripheral giant cell granuloma  
 peripheral precocious puberty  
 permanent congenital hypothyroidism  
 permanent neonatal diabetes mellitus  
 person centered care  
 personality development  
 Peters plus syndrome  
 Peumus  
 Pfiesteria piscicida  
 Phanerochaete chrysosporium  
 Phanerochaete sordida  
 Phanerodontia  
 Phlebotomus orientalis  
 phosphene  
 Photobacterium damsela subsp. damsela  
 photopsia  
 Phycisphaerae  
 physician engagement  
 Picrorhiza  
 pink noise  
 plain language  
 Planctomycetota  
 plant-based diet  
 pleomorphic adenoma of the lacrimal gland  
 pleomorphic adenoma of the parotid gland  
 pleomorphic adenoma of the salivary gland  
 poikilocytosis  
 poikilodermatomyositis  
 Poisson noise  
 political engagement  
 pollution exposure  
 polyarticular juvenile idiopathic arthritis  
 Polyopisthocotylea  
 Polystomatidae  
 posterior cervical decompression and fusion  
 posterolateral fusion  
 postmortem imaging  
 postmortem magnetic resonance imaging  
 postmortem radiography  
 postprandial hyperglycemia  
 power plant worker  
 preclinical Alzheimer cognitive composite  
 Pregnancy Physical Activity Questionnaire  
 preimplantation death  
 premature adrenarche  
 preregistration  
 pretibial myxedema  
 primary congenital hypothyroidism  
 primary cutaneous amyloidosis  
 primary hyperoxaluria  
 primary hyperoxaluria type 2  
 primary hyperoxaluria type 3  
 primary localized amyloidosis  
 primary parathyroid hyperplasia  
 primary pigmented nodular adrenocortical disease  
 primary systemic amyloidosis  
 prison health service  
 professional behavior  
 professional impairment  
 professional negligence  
 prohaptor  
 project management  
 proliferative lupus nephritis  
 protocol  
 protocol registration  
 proximal renal tubular acidosis  
 pseudohypoaldosteronism type 1  
 pseudohypoparathyroidism type 1a  
 pseudohypoparathyroidism type 1b  
 psychological autopsy  
 psychological defense  
 psychological development  
 psychosis assessment  
 Psychotic Symptom Rating Scales  
 puberty suppression  
 pyropoikilocytosis  
 Quantitative Myasthenia Gravis score  
 quantitative phase imaging  
 quantization error  
 quantization noise  
 Questionnaire for Impulsive-Compulsive Disorders  
     in Parkinson Disease  
 Questionnaire for Impulsive-Compulsive Disorders  
     in Parkinson Disease-Rating Scale  
 Rabson-Mendenhall syndrome  
 radiant flux  
 radiation colitis  
 radiation cystitis  
 radiation toxicity  
 radicalization  
 radioligand therapy  
 radionuclide therapy  
 rapid review  
 reactive hypoglycemia  
 recessive lethal mutation  
 referral visit  
 registered report  
 rehabilitation protocol  
 Reintegration to Normal Living index  
 reliability engineering  
 REM Sleep Behavior Disorder Screening  
     Questionnaire  
 remaining tooth  
 renal resistive index  
 reproductive health survey  
 research practice  
 research protocol  
 retinal vasoproliferative tumor  
 Rhacophoridae

## Emtree Terms Added and Changed (January 2024) | 12

rheumatic nodule  
rhizomelic chondrodysplasia punctata  
Rhodothermaceae  
Rhodothermales  
Rhodothermota  
role ambiguity  
role conflict  
rotation sensor  
S-adenosylhomocysteine hydrolase deficiency  
safety engineering  
salivary gland adenocarcinoma  
salutogenesis  
Sanjad-Sakati syndrome  
SARS-CoV pseudovirus (spike protein)  
SARS-CoV-2 (BetaCoV/Munich/BavPat1/2020 S protein) pseudotyped VSV  
SARS-CoV-2 (clinical isolate hCoV-19/USA/WA-CDC-UW22050170242/2022)  
SARS-CoV-2 (clinical isolate hCoV-19/USA/WA-CDC-UW22051283052/2022)  
SARS-CoV-2 (clinical isolate Rojava/2020)  
SARS-CoV-2 (D614G) pseudovirus  
SARS-CoV-2 (isolate Canada/ON-VIDO-01/2020)  
SARS-CoV-2 (isolate hCoV-19/Italy/LOM-ASST-CDG1/2020)  
SARS-CoV-2 (isolate hCoV-19/Spain/CT-IrsiCaixa-2020030095/2020)  
SARS-CoV-2 (isolate human/FRA/Lille Vero-81-TMPRSS2/2020)  
SARS-CoV-2 (JPN/Kanagawa/KUH003)  
SARS-CoV-2 (lineage B.1 D614G)  
SARS-CoV-2 (lineage BA.2 S protein) pseudotyped VSV  
SARS-CoV-2 (lineage BA.2.86)  
SARS-CoV-2 (lineage BA.3)  
SARS-CoV-2 (lineage EG.5)  
SARS-CoV-2 (lineage FE.1)  
SARS-CoV-2 (lineage FL.1.5.1)  
SARS-CoV-2 (lineage XBB.1.16.6)  
SARS-CoV-2 (strain 107)  
SARS-CoV-2 (strain Slovakia/SK-BMC5/2020)  
SARS-CoV-2 (strain VR-PV10734)  
SARS-CoV-2 (Wuhan-Hu-1) S-pseudotyped VSV  
SARS-CoV-2 (XBB.1.9)  
SARS-CoV-2 Alpha (clinical isolate hCoV-19/Czech Republic/NRL 240/2021)  
SARS-CoV-2 Alpha (isolate hCoV-19/South Korea/KDCA43381/2022)  
SARS-CoV-2 Alpha (strain NVDBB-2220)  
SARS-CoV-2 BA.1 (BC-SFU-OM6)  
SARS-CoV-2 BA.1 (isolate hCoV-19/Korea/KDCA653797/2022)  
SARS-CoV-2 BA.2.75 (isolate hCoV-19/South Korea/KDCA96765/2022)  
SARS-CoV-2 BA.5 (isolate hCoV-19/South Korea/KDCA43426/2022)  
SARS-CoV-2 Beta (hCoV-19/Czech Republic/NRL 7112/2021)  
SARS-CoV-2 Beta (isolate hCoV-19/South Korea/KDCA43382/2022)  
SARS-CoV-2 Beta (isolate RG2674/South Africa)  
SARS-CoV-2 BF.7 (isolate hCoV-19/South Korea/KDCA43420/2022)  
SARS-CoV-2 BQ.1.1 (isolate hCoV-19/South Korea/KDCA43427/2022)  
SARS-CoV-2 Delta (AY.117 S protein) pseudotyped VSV  
SARS-CoV-2 Delta (clinical isolate hCoV-19/Czech Republic/NRL 7102/2021)  
SARS-CoV-2 Delta (isolate GWHBEBW01000000)  
SARS-CoV-2 Delta (isolate hCoV-19/Korea/KDCA119861/2021)  
SARS-CoV-2 Delta (USA/MD-HP05647/2021)  
SARS-CoV-2 Epsilon pseudovirus (spike protein)  
SARS-CoV-2 Gamma (clinical isolate hCoV-19/Czech Republic/NRL 8413/2021)  
SARS-CoV-2 Gamma (spike protein) pseudovirus  
SARS-CoV-2 Iota pseudovirus (spike protein)  
SARS-CoV-2 Lambda pseudovirus (spike protein)  
SARS-CoV-2 Omicron (lineage BA.1 spike protein) pseudotyped vesicular stomatitis virus  
SARS-CoV-2 Omicron (lineage BA.1) pseudovirus  
SARS-CoV-2 Omicron (lineage BA.2) pseudovirus  
SARS-CoV-2 Omicron (lineage BA.2.12.1) pseudovirus  
SARS-CoV-2 Omicron (lineage BA.2.2)  
SARS-CoV-2 Omicron (lineage BA.4) pseudovirus  
SARS-CoV-2 Omicron (lineage BA.4) pseudovirus (S protein)  
SARS-CoV-2 Omicron (lineage BA.4.6) pseudovirus  
SARS-CoV-2 Omicron (lineage BA.4/5) pseudovirus  
SARS-CoV-2 Omicron (lineage BA.5) pseudovirus  
SARS-CoV-2 Omicron (lineage BA.5.1)  
SARS-CoV-2 Omicron (lineage BQ.1.1) pseudovirus  
SARS-CoV-2 Omicron (lineage XBB) pseudovirus  
SARS-CoV-2 XBB.1 (isolate hCoV-19/South Korea/KDCA43428/2022)  
sawtooth wave  
Scale of Prodromal Symptoms  
scalp metastasis  
scheduled visit  
schistocytosis  
school disengagement  
science education  
sclerite  
sclerodactyly  
scoping review  
Screen for Child Anxiety-Related Emotional Disorders  
Screen for Cognitive impairment in Psychiatry  
Screening Tool of Older Persons Prescriptions  
Screening Tool to Alert doctors to Right Treatment  
scrotoplasty

sea lamprey  
search engine optimization  
secondary cutaneous amyloidosis  
secondary hyperaldosteronism  
secondary hypothyroidism  
self stigma  
Self-care of Heart Failure index  
self-injurious thoughts and behaviors interview  
self-monitoring blood glucose  
self-reflection  
self-report Leeds Assessment of Neuropathic Symptoms and Signs  
senile amyloidosis  
sensory integration therapy  
service infrastructure  
SHORT syndrome  
Shprintzen-Goldberg syndrome  
sialidosis  
sialidosis type 2  
sialoblastoma  
signal noise  
silver nanoparticle toxicity  
Simple Endoscopic Score for Crohn Disease  
simultaneous surgery  
sine wave  
sinonasal cancer  
sinonasal carcinoma  
sinonasal polyp  
skull base meningioma  
slash and burn (agriculture)  
social disengagement  
social engagement  
social infrastructure  
social media exposure  
social media influencer  
socioeconomic infrastructure  
sociogenomics  
soft computing  
soft palate cancer  
soft palate carcinoma  
solar power plant  
South African Coloured  
South Oaks Gambling Screen  
Southeast Asian ovalocytosis  
specific carbohydrate diet  
spectral centroid  
spectral density  
spectral leakage  
speech generation  
speech synthesis  
Spence Children Anxiety Scale  
spicule (animal structure)  
Spinal Cord Independence Measure  
sporadic retinoblastoma  
squamous cell carcinoma of the ear  
squamous cell carcinoma of the floor of the mouth  
squamous cell carcinoma of the temporal bone  
square wave  
Squilla  
stakeholder participation  
stress-related growth (psychology)  
Structured interview for Prodromal Symptoms  
Structured Interview for Psychosis-Risk Syndromes  
student engagement  
subacute cutaneous lupus erythematosus  
subconscious  
submental lymph node  
subsistence farming  
sulfhemoglobinemia  
super enhancer  
surveillance camera  
Symphytum officinale  
symptom burden  
synaptic noise  
synthetic lethal mutation  
synthetic lethality  
systemic immune inflammation index  
systemic inflammation response index  
systems engineering  
systems thinking  
T lymphocyte differentiation  
task sharing  
task shifting  
task switching  
teleopsia  
temporal bone sarcoma  
terrorist bombing  
tetrahydrobiopterin deficiency  
text-to-image model  
text-to-speech  
Thai traditional medicine  
throat tumor  
Thrombolysis in Myocardial Infarction Risk Index  
Thrombolysis in Myocardial Infarction Risk Score  
thymic T cell differentiation  
thyroid dysmorphogenesis  
thyroid hemigenesis  
thyrotoxicosis factitia  
Tilburg Frailty indicator  
time interval  
time pressure  
tongue squamous cell carcinoma  
tracheobronchial amyloidosis  
transaldolase deficiency  
transient congenital hypothyroidism  
transient neonatal diabetes mellitus  
translesion synthesis  
trauma surgery  
treatment effect heterogeneity  
treatment interval  
treatment protocol  
triangular wave  
trigeminal placode  
trustworthiness

## Emtree Terms Added and Changed (January 2024) | 14

tuft cell  
tunnel field effect transistor  
tyrosinemia type 1  
tyrosinemia type 2  
tyrosinemia type 3  
UK Biobank  
umbilical artery resistance index  
umbrella review  
unconscious (psychology)  
underlying cause of death  
undertreatment  
unnatural death  
unvaccinated person  
upper aerodigestive tract cancer  
upper aerodigestive tract tumor  
urgent visit  
Urginea  
uterine artery resistance index  
Uterine Fibroid Symptom and Health-related  
Quality of Life questionnaire  
Vanderbilt Assessment Scale  
verbal autopsy  
Vero E6-TMPRSS2-T2A-ACE2 cell line  
Veterans RAND 12-item Health Survey  
Veterans Rand 36-Item Health Survey  
Victorian Institute of Sports Assessment Achilles  
questionnaire  
visual noise  
visual snow syndrome  
voting  
wave pattern  
wearable camera  
wearable technology  
Wheelchair User Shoulder Pain index  
whole brain death  
Woodhouse-Sakati syndrome  
work participation  
workforce diversity  
wrinkly skin syndrome  
wrist-worn accelerometer  
wrist-worn device  
X-linked ocular albinism  
Yunis-Varon syndrome  
Zwolle score

## Drug terms

### New or pre-existing term

*\* indicates pre-existing term*

bee venom plus wasp venom extract  
 brinretigene vesgedparvovec  
 cytisinicline  
 devafidugene civaparvovec\*  
 divesiran  
 dust mite extract\*  
 efpegerglucagon  
 fexagratinib  
 limantrafin  
 lucicebtide  
 mixed allergen extract  
 mixed allergen extract  
 mixed allergen extract  
 mixed allergen extract  
 nibrozetone  
 nimatpagene pariparvovec  
 oxacephem derivative  
 plozasiran  
 redafamdastat  
  
 scavenger (compound)  
 Sjogren's syndrome type B antigen  
 stannic protoporphin  
 sterol o acyltransferase

### Old (replaced) term

*These terms become synonyms of the new term*

pharmalgen  
 edit 101  
 cytisine  
 sb318  
 manusiran  
 stallergen  
 hm15136  
 azd 4547  
 cb 103  
 cebtutide  
 allpyral  
 alutard  
 conjuvac  
 spectralgen  
 rrx 001  
 vtx 801  
 1 oxacephem derivative  
 aro apoc3  
 n (3 pyridazinyl) 4 [3 (5 trifluoromethyl 2  
     pyridinyloxy)benzylidene] 1  
     piperidinecarboxamide  
 scavenger  
 La antigen  
 protoporphyrin tin  
 cholesterol acyltransferase

## Non-drug terms

### New or pre-existing term

*\* indicates pre-existing term*

Arthrobotrys  
basal cell carcinoma\*  
coping  
dominant lethal mutation  
elder abuse\*  
global navigation satellite system  
gyrate atrophy  
gyrate atrophy  
mucopolysaccharidosis type III  
multiple system atrophy  
nasal squamous cell carcinoma  
nasopharyngeal angiofibroma  
people of mixed African and European ancestry  
people of mixed ancestry  
pericardial implant  
personality development  
Planctomycetota  
SARS-CoV-2 (isolate Canada/ON-VIDO-01/2020)  
sinonasal polyp  
South African Coloured

### Old (replaced) term

*These terms become synonyms of the new term*

Duddingtonia  
cornea basal cell carcinoma  
coping behavior  
dominant lethal mutant  
elderly abuse  
global positioning system  
choroid gyrate atrophy  
retina gyrate atrophy  
Sanfilippo syndrome  
Shy Drager syndrome  
sinonasal squamous cell carcinoma  
nasopharynx fibroma  
Mulatto  
multiracial person  
pericardial patch  
ego development  
Planctomycetes  
SARS-CoV-2 (clinical isolate Canada/VIDO-01/2020)  
nose polyp  
Colored person