

Emtree Terms Added and Changed (January 2022)

This is an overview of new terms added and changes made in the first Emtree release in 2022.

Overall, Emtree has grown by 1502 preferred terms (261 drug terms and 1241 non-drug terms) compared with the previous version released in September 2021. In total Emtree now counts 92278 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 2022

1588 new terms (including 86 replacement terms and promoted synonyms) have been added to Emtree as preferred terms in version January 2022 (compared to September 2021):

- 304 drug terms (terms assigned to the Chemicals and Drugs facet).
- 1284 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 2022 (typically as candidate terms), sometimes for several years, before they were added to Emtree.

Emtree Terms Changed in January 2022

86 terms (43 drug terms and 43 non-drug terms) from Emtree September 2020 have been replaced by 84 different terms in January 2022 (43 drug terms and 41 non-drug terms).

Of these, 75 terms (38 drug terms and 37 non-drug terms) are new (e.g. new generic names for drug chemical names) and have been assigned creation date 2022; the remaining 9 replacement terms (5 drug terms and 4 non-drug terms) were already present in Emtree.

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

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

Drug terms

acmucabtagene autoleucel	canine distemper virus canine parvovirus vaccine
adintrevimab	canine parvovirus vaccine
adrulipase alfa	chloride channel protein 2
aguracingene cadoparvovec	chromobox protein homolog 5
alogabat	cinaxadamtase alfa
alrefimotide	circulating free DNA
alrefimotide plus riletamotide plus tapderimotide	clesrovimab
alrizomadlin	collagen type I alpha 1 chain
amdizalisib	competing endogenous RNA
amoxicillin plus clarithromycin plus pantoprazole	covlp vaccine
amt 060	crefmirlimab
amubarvimab	cyanobacterium toxin
angiomotins	daclatasvir plus sofosbuvir
angiopoietin like protein 8	dalutrafusp alfa
angiopoietin related protein 1	davoceticept
angiopoietin related protein 2	dazucorilant
angiopoietin related protein 3	deep eutectic solvent
angiopoietin related protein 5	denifanstat
angiopoietin related protein 6	designed ankyrin repeat protein
angiopoietin related protein 7	dexamethasone sodium phosphate plus levofloxacin
angiotropin	dexepicatechin
anselamimab	domofenogene zalfaparvovec
anticoagulant reversal agent	doruxapapogene ralaplasmid
antivirus restriction factor	doublecortin domain protein
anumigilimab	doublecortin like kinase
atreg	doublecortin like kinase 1
atuliflapon	doublecortin like kinase 2
atuzabrutinib	doxecitine
azamidugene autotemcel	dresbuxelimab
bafisontamab	dust mite extract
barzolvolimab	eblasakimab
bavdegalutamide	ecleralimab
bavunalimab	ecteribulin
baxdrostat	efdamrofusp alfa
bebtelovimab	eflornithine plus sulindac
beludavimab	efprezimod alfa
bemnifosbuvir	efzofitimod
benzoyl peroxide plus retinoic acid	elunonavir
bevurogant	emlenoflast
Boesenbergia rotunda extract	emodepside plus praziquantel plus tigolaner
bofelisimer	emprumapimod
botaretigene sparoparvovec	emraclidine
bralpamide	enalapril maleate plus lercanidipine
	endoplasmic reticulum chaperone BiP

ensomafusp alfa	hydroxymethylglutaryl coenzyme A
enuzovimab	reductase kinase kinase
eragidomide	icleperitin
ersemadromcel	idrevloride
escibenzoline	ifezuntirgene inilparvovec
esmethadone	imlunestrant
etuvetidigene autotemcel	inaxaplin
etzadroxil	inobrodib
evexomostat	insulin sudelidec
evifacotrep	iodine evuzamitide i 124
evixapodlin	iopofosine i 131
evoncabtagene pazurgedleucel	iparomlimab
evorpacept	itezocabtagene autoleucel
exidavnemab	ivarmacitinib
ezurpimtrostat	ivicentamab
famitinib	ivonescimab
farletuzumab ecteribulin	ivospemim
farudodstat	lalikinogene sifuplasmid
fazirsiran	laruparetigene zovaparvovec
fazulemeran	ledaborbactam
fidasimtamab	ledaborbactam etzadroxil
firolimogene autotemcel	lepunafusp alfa
florquinitau f 18	lerapolturev
fobrepodacin	leucine rich repeat protein
formestane plus Sabal extract plus thioctic acid	ligufalimab
fosgonimeton	linvoseltamab
fostroxacitabine bralpamide	lisافتولکس
fuzuloparib	livmoniplimab
gadoquatrane	lixadesiran
galegenimab	lomtegovimab
gartisertib	lorigerlimab
gefurulimab	lotazadromcel
gemnelatinib	lufeپریسن
genitourinary agent	lufotrelvir
ginisortamab	manfidokimab
golidocitinib	mazdutide
gresonitamab	mazolelvimab
gumokimab	mazolelvimab plus zamerovimab
gunagratinib	mecbotamab
guraxetan	mecbotamab vedotin
homatropine methylbromide plus hydrocodone bitartrate	melredableukin alfa
homeobox protein Nkx-2.2	mitochondrial precursor protein import complex protein
horstem	molybdenum cofactor
Human papilloma virus vaccine	morponidazole
hydroxyapatite plus lidocaine	motacabtagene lurevgedleucel
hydroxyethyl starch	movronersen
	mu crystallin
	mupirocin

nafimestrocel	SCB 2019 vaccine
neuro oncological ventral antigen	sebetalstat
neuronal migration protein doublecortin	selnolast
nizaracianine	senotherapeutic agent
nofazinlimab	serine threonine protein kinase 3
obefazimod	serine threonine protein kinase D2
obeversen	shelterin
ocedurenone	simridarlimab
odatroltide	sirexatumab
olitigaltin	sirolimus
omilancor	sitocabnagene loxiveleucel
omzotirome	socazolimab
onternabez	sotevtamab
orenotide	sotuletinib
organocupper compound	sovilnesib
ormutivimab	suciraslimab
ozuriftamab	sucunamostat
ozuriftamab vedotin	sunvozertinib
patidistrogene bexoparvovect	SYBR green
paxlovid	tagitanlimab
PCSK9 inhibitor	tamgiblimab
pegipanermin	tapderimotide
peglozenatide	tarcocimab
pegmolesatide	tarcocimab tedromer
pf 07321332	TEA domain transcription factor
pivekimab	tecaginlimab
pivekimab sunirine	teropavimab
pixofisiran	testosterone buciclate
plutavimab	tg01 (peptide mix)
protocadherin	three finger toxin
pruxelutamide	timtraxanib
pulocimab	timufermin
quisovalimab	tizaterkib
rebemadlin	tozinameran
recombinant interleukin 1 receptor	transcriptional coactivator with PDZ binding
antagonist	motif protein
rencofilstat	translationally controlled tumor protein
ribosomal protein L3	trinbelimab
ribosomal protein S9	tunlametinib
riletamotide	tuvonralimab
rimteravimab	tuxobertinib
rocatinlimab	ulenistamab
romlusevimab	upanovimab
rosnilimab	utreloxastat
rst 001	vaccine adjuvant
rucosopasem manganese	valitramiprosate
rugonersen	vepafestinib
rulonilimab	vepsitamab
ruzinurad	vesleteplirsen

vibozilimod
vidprevtyn
vimdemer
viperin
virus entry inhibitor
vornorexant
voxalatamab
xeligekimab
xenotropic and polytropic retrovirus
receptor
xeruborbactam
YAP signaling protein
zadavotide guraxetan lutetium lu 177
zamerovimab
zapnometinib
zastaprazan
zavacorilant
zectivimod
zegocractin
zenuzolac
zetomipzomib
zifanocycline
ziftomenib
zilganersen
zimlovisertib
zinc alpha 2 glycoprotein
zinpentraxin alfa
zorevunersen
zunsemetinib

Non Drug terms

4 (methylnitrosamino) 1 (3 pyridyl) 1 butanone-induced lung tumorigenesis
 5TGM1 cell line
 aardvark (genus)
 abdominal cystic lymphangioma
 abdominal lymphangioma
 abdominal lymphoma
 abdominal metastasis
 abyssal zone
 accessory gene
 accessory gene regulator
 accessory genome
 acinic cell carcinoma of the breast
 actinic cheilitis
 active avoidance
 activism
 Addenbrooke cognitive examination
 Addenbrooke cognitive examination III
 Addenbrooke cognitive examination revised
 Adeno-associated dependoparvovirus A
 Adeno-associated dependoparvovirus B
 Adeno-associated virus 4
 adenoid cystic carcinoma of the breast
 adenomyoepithelioma of the breast
 Adenovirus 6
 Adenovirus type 40
 adipose-derived mesenchymal stem cell
 adrenal pheochromocytoma
 advanced breast cancer
 aedeagus
 aerosolized particles and droplets
 aggregation-induced emission
 ALK-negative anaplastic large cell lymphoma
 ALK-positive anaplastic large cell lymphoma
 Alkhumra hemorrhagic fever virus
 Alphapapillomavirus 2
 Alphapapillomavirus 4
 Alphapapillomavirus 6
 Alphapapillomavirus 8
 Alphapolyomavirus
 Alps
 Alternative Healthy Eating Index
 Alternative Healthy Eating Index 2010
 amber codon
 amber mutation

ambulatory care sensitive condition
 ametropia
 Amyotrophic Lateral Sclerosis Functional Rating Scale
 Amyotrophic Lateral Sclerosis Functional Rating Scale-Revised
 Anacyclus
 Anacyclus pyrethrum
 anaerobic chamber
 anal pain
 Andes
 angiotensin II-induced cardiac hypertrophy
 anisometropic amblyopia
 ankle disease
 ankle stiffness
 antecubital fossa
 anterior cervical corpectomy and fusion
 anterior cervical discectomy and fusion
 anterior circulation infarction
 anterior circulation ischemia
 anterior circulation stroke
 anticoagulation reversal
 antigenic drift and shift
 antigenic escape
 antimicrobial photodynamic therapy
 aortic body tumor
 appendiceal mucinous cystadenoma
 appendix endometriosis
 appraisal (mental function)
 Aquareovirus
 Aquareovirus C
 aquatic therapy
 arteriole density
 arteriole to venule ratio
 artificial general intelligence
 Ashworth scale
 aspiration embolectomy
 ataxia-telangiectasia-like disorder
 Atlas Mountains
 atrial septal aneurysm
 atrioventricular septum
 atrioventricular septum aneurysm
 attention deficit hyperactivity disorder
 atypical squamous cells of the cervix
 audio interview
 Australian bat lyssavirus
 authorization
 autonomous vehicle
 autosomal recessive hypercholesterolemia

Avian hepatitis E virus	brainstem stroke
Avian leukosis virus - RSA	breakthrough infection
Avian leukosis virus subgroup J	breast angiosarcoma
avoidant coping	breast cancer recurrence
axial spondyloarthritis	bronchogenic carcinoma
axillary hyperhidrosis	Brooke-Spiegler syndrome
balanitis xerotica obliterans	Brucea javanica
Bandavirus	Brunauer Emmett Teller method
Bannayan-Riley-Ruvalcaba syndrome	Calliandra
barbiturate test kit	cancer-associated retinopathy
Barrett Joyner Halenda method	Candidatus Bathyarchaeota
bathyal zone	Candidatus Lokiarchaeota
bathymetry	Candidatus Nanohaloarchaeota
Bathymodiolus	Candidatus Woesearchaeota
Bazex syndrome	Canine parvovirus type 2
bedrock	Canine parvovirus type 2a
behavioral disinhibition	Canine parvovirus type 2b
benign breast disease	Canine parvovirus type 2c
benign cardiac tumor	Canine respiratory coronavirus
Bentall procedure	cannabinoid test kit
benzo[a]pyrene-induced lung carcinogenesis	carbon dioxide emission
benzodiazepine test kit	carbon dioxide equivalent
Betapapillomavirus 1	carbon emission
Betapapillomavirus 2	carcinoma of the pleura
Betapolyomavirus	cardiac angiosarcoma
bicinchoninic acid assay	cardiac fibroma
bilateral diffuse uveal melanocytic proliferation	cardiac hemangioma
bilateral neoplasm	cardiac leiomyosarcoma
biologic license application	cardiac lymphoma
biomolecular condensate	cardiac osteosarcoma
biosaline agriculture	cardiac rhabdomyoma
biosecurity	cardiac rhabdomyosarcoma
birth cohort	cardiac teratoma
birth interval	Carney triad
bladder carcinoma in situ	Carney-Stratakis syndrome
bladder endometriosis	catamenial hemoptysis
bleeding on probing	catamenial hemothorax
blood flow restriction training	catamenial pneumothorax
bluetongue virus serotype 8	catheter embolectomy
Blumea balsamifera	cell electrophoresis
body odor	census tract
boredom susceptibility	central composite design
Borna disease virus 1	Central Indian Ridge
borrelial lymphocytoma	central nervous system vasculitis
Box Behnken design	cerebellar hemangioblastoma
brachioradialis muscle	cerebral performance category scale
Bradford assay	cervical teratoma
brain-gut axis	Charcot Marie Tooth examination score
	Charcot Marie Tooth neuropathy score

chatbot	compensatory mutation
chela	complete hydatidiform mole
cheliped	Confusion Assessment Method
chemical exchange saturation transfer	confusion assessment method for the intensive care unit
chemigation	congenital brain tumor
chemisorption	congenital cardiac tumor
chemoinvestigation	congenital generalized fibromatosis
chest wall metastasis	congenital hamartoma
child poverty	congenital hemangioma
chorioangioma	congenital infantile fibrosarcoma
choroidal vascularity index	congenital mesoblastic nephroma
chromhidrosis	congenital neuroblastoma
chronic idiopathic axonal polyneuropathy	congenital renal tumor
classification error	congenital teratoma
claw toe	conspiracy theory
climate change vulnerability	constitutional mismatch repair deficiency syndrome
climate model	consumption-based indicator
clinical attachment level	contact granuloma
clinical monitoring	convergent boundary (tectonics)
cochlear synaptopathy	COPD assessment test
coefficient of relatedness	Copenhagen burnout inventory
cognitive appraisal	coracoclavicular joint
cognitive effort	coral bleaching
Cognitive Emotion Regulation Questionnaire	core gene
cognitive load	core genome
cognitive psychology	core stability
cognitive restructuring	corneal collagen crosslinking
cognitive stress	coronary arteritis
cognitive vulnerability	coronavirus anxiety scale
cogwheel rigidity	Coronavirus HKU15
colonic endometriosis	cortical tuber
colorectal bleeding	costovertebral joint
colorectal endometriosis	COVID-19 phobia scale
colorectal obstruction	Coxsackievirus A10
Columbia suicide severity rating scale	Coxsackievirus A2
commission error	Coxsackievirus A21
common technical document	Coxsackievirus A24
Common Terminology Criteria for Adverse Events	Coxsackievirus A4
community based surveillance	Coxsackievirus A6
community resilience	crude mortality rate
community resource	Cryptolepis sanguinolenta
community support	crystallization-induced emission
comparative biology	cubitus valgus
comparative biomedicine	cubitus varus
comparative medicine	curly toe
comparative oncology	cutaneous endometriosis
comparative pathology	cystic, mucinous, and serous neoplasms
comparative physiology	

cytogenetic analysis	drug regulation
Dabie bandavirus	dual diagnosis
date of birth	Duck enteritis virus
date of death	ductal breast carcinoma in situ
Davidson trauma scale	dyadic coping
daydreaming	dysovulation
De Sanctis-Cacchione syndrome	dysplastic nevus syndrome
decellularized extracellular matrix	East Pacific Rise
deep endometriosis	Echium amoenum
delayed onset muscle soreness	Echium vulgare
delirium assessment	Echovirus 1
Deltapolyomavirus	Echovirus 30
demographics	Echovirus 7
dense core vesicle	ecological footprint
dental examination	economic instability
deoxyribonucleic acid modification	economic stability
deprivation amblyopia	economic vulnerability
depth of field	ecosystem service
depth of focus	ecosystem service value
dermoid cyst	ecosystem vulnerability
Desulfobacterium	ectopic Cushing syndrome
Desulfococcus	edentulism
Desulfosarcina	edentulous jaw
Desulfosporosinus	edge to edge mitral valve repair
diaschisis	elbow stiffness
DICER1 syndrome	elephant trunk technique
dielectrophoresis	elite controller
difficulties in emotion regulation scale	embryonal and mixed neoplasms
diffractometer	embryonal tumor
diffusion kurtosis imaging	emergency use authorization
digital footprint	emotion regulation questionnaire
digital identity	emotion-focused coping
digital pathology	emotional appraisal
digitization	emotional load
direct stochastic optical reconstruction	emotional support
microscopy	emotional vulnerability
disability assessment	endangiitis
disability rights	endobronchial metastasis
disadvantaged population	endolysosome
discoid meniscus	endometrial stromal nodule
discretization	endophlebitis
disease mongering	endotoxin tolerance
dispensing error	energy footprint
diving medicine	environmental crime
Doehlert design	environmental footprint
dosimetry error	environmental justice
dosing error	environmental risk
drip irrigation	environmental vulnerability
drug registration	environmentalism

environmentalist	finger to nose test
epidemic curve	flatus incontinence
epidemiological model	fluctuating selection
epignathus	focal facial dermal dysplasia
epipelagic zone	food access
epithelioid hemangioendothelioma	foodborne botulism
epithelioid trophoblastic tumor	foot odor
Eptesicus	forehead temperature
Eptesicus fuscus	forest floor
Eptesicus serotinus	foveal avascular zone
erythema ab igne	fractional exhaled nitric oxide test
erythema gyratum repens	free flow electrophoresis
erythroleukoplakia	frontline nurse
escapism	frontline staff
Escherichia coli H10407	Froude number
essential worker	frozen elephant trunk technique
estrogen receptor-positive, HER2-negative breast cancer	FRT cell line
event history analysis	Fugl-Meyer assessment
ex utero intrapartum treatment procedure	Fugl-Meyer Assessment for Lower Extremity
exergaming	Fugl-Meyer Assessment for Upper Extremity
exhaled breath condensate	Fusarium virguliforme
experience seeking	Gakké Ridge
experiential avoidance	game-based learning
experimental arterial thrombosis	gamification
experimental leptospirosis	gangliocytic paraganglioma
experimental lung carcinogenesis	gastric choriocarcinoma
experimental trypanosomiasis	gastrointestinal symptom rating scale
extensor carpi radialis brevis muscle	Gelsemium sempervirens
extensor carpi radialis longus muscle	gene network analysis
extensor carpi radialis muscle	genetic modification
extensor carpi ulnaris muscle	genetic purging
extra-adrenal pheochromocytoma	genomic medicine
extrapyramidal rigidity	genomic mutation
extrauterine choriocarcinoma	genotyping
fallopian tube endometriosis	geriatric dentistry
familial colorectal cancer type X	germ cell and embryonal neoplasms
familial cylindromatosis	germ granule
familial medullary thyroid carcinoma	gestational choriocarcinoma
familial pancreatic cancer	gestational trophoblastic disease
familial prostate cancer	gestational trophoblastic neoplasia
familial renal cell carcinoma	giant cell aortitis
family alienation	giant fibroadenoma
family composition	glandular and epithelial neoplasms
family structure	global longitudinal strain
fear of COVID-19 scale	global warming potential
Feline herpesvirus	glomangiopericytoma
fetal health	glomerular obsolescence
fetal viability	glomus jugulare tumor
	gonopod

gonopodium	hormone receptor-positive, HER2-negative breast cancer
Good syndrome	hormone-dependent cancer
gossypiboma	hormone-dependent neoplasm
granulation tissue hyperplasia	hospital to home transition
Grass carp reovirus	hospital wastewater
greenhouse gas emission	housing instability
group 1 innate lymphoid cell	housing quality
group 2 innate lymphoid cell	Hoyeraal-Hreidarsson syndrome
group 3 innate lymphoid cell	Human adenovirus 3
Grouper iridovirus	Human adenovirus 36
hadal zone	Human astrovirus 1
hamartomatous polyposis	Human bocavirus 1
hammer toe syndrome	Human endogenous retrovirus K
hammertoe	Human endogenous retrovirus W
haptic interface	human enterovirus
haptic technology	Human mastadenovirus F
Harvey Bradshaw Index	Human papillomavirus 38
health activism	Human papillomavirus type 1
health risk assessment	Human papillomavirus type 13
Healthy Eating Index	Human papillomavirus type 2
Healthy Eating Index 2005	Human papillomavirus type 3
Healthy Eating Index 2015	human papillomavirus type 5
healthy food access	Human papillomavirus type 53
healthy life expectancy	Human papillomavirus type 56
heart atrium aneurysm	human papillomavirus type 8
hematochezia	Human polyomavirus 2
hemocytometry	Human polyomavirus 5
hemorrhagic proctitis	Human polyomavirus 6
hemorrhagic rectocolitis	Human polyomavirus 7
Hepatitis C virus JFH-1	Human polyomavirus 8
hereditary breast cancer	hyperparathyroidism-jaw tumor syndrome
hereditary diffuse gastric cancer	hypnopompic hallucination
hereditary gastric cancer	Hypoaspis
hereditary leiomyomatosis and renal cell cancer	hysterical amblyopia
hereditary ovarian cancer	hysterical blindness
hereditary retinoblastoma	ICHD-2
high-grade endometrial stromal sarcoma	ICHD-3
Himalaya	ictal headache
HIV non progressor	illegal dumping
Holistic Theory of Unpleasant Symptoms	illegal mining
home sleep apnea testing	imaginary companion
homoeologous chromosome	implicit bias
homoeologous recombination	inappropriate polypharmacy
homogenizer	individual coping
homologous chromosome	infant botulism
homozygous familial hypercholesterolemia	infectious droplets and aerosols
hormone receptor negative breast cancer	infodemic
hormone receptor positive breast cancer	infodemiology

information avoidance	KEGG
information overload	keratinized tissue width
infoveillance	kinesio taping
inherited cancer-predisposing syndrome	kinship coefficient
inherited digestive cancer-predisposing syndrome	knee stiffness
inherited nervous system cancer-predisposing syndrome	Koeppe type goniolens
inherited renal cancer-predisposing syndrome	Kyasانur Forest disease virus
innate lymphoid cell	laboratory based surveillance
innoculation device	lacunar infarction
intermuscular fat	land footprint
international classification of headache disorder	laparoscopic total mesorectal excision
International Knee Documentation Committee scale	late gadolinium enhancement imaging
international physical activity questionnaire short form	lateral meniscus
intestinal metaplasia	laterite
intestinal metaplasia of the esophagus	lead pipe rigidity
intestinal metaplasia of the stomach	least absolute shrinkage and selection operator
intestinal polyposis syndrome	least angle regression
intracorporeal lithotripsy	left atrial aneurysm
intracranial teratoma	left ventricular aneurysm
intraepithelial neoplasia	left ventricular global longitudinal strain
intramuscular fat	leiomyomatosis peritonealis disseminata
intravascular papillary endothelial hyperplasia	Leser-Trelat syndrome
intravoxel incoherent motion imaging	leukokeratosis
intromittent organ	life course perspective
invasive breast cancer	light-sheet microscopy
invasive ductal breast carcinoma	limb stiffness
invasive ductal carcinoma	Lindera aggregata
invasive lobular breast carcinoma	lipofibroblast
invasive micropapillary carcinoma	lipohyalinosis
invasive mole	lipomatous hypertrophy of the interatrial septum
Inventory management system	listening effort
Isatis tinctoria	livedoid vasculopathy
Jensen sarcoma	liver sinusoidal endothelial cell
Joanna Briggs Institute critical appraisal checklist	liver sinusoidal endothelium
joint of shoulder region	liver spleen ratio
Juan de Fuca Ridge	lobular capillary hemangioma
juvenile fibroadenoma	local regression
juvenile polyposis	locally estimated scatterplot smoothing
Jynx	locally weighted scatterplot smoothing
Kansas City Cardiomyopathy Questionnaire	longitudinally extensive transverse myelitis
kaposiform hemangioendothelioma	low-grade endometrial stromal sarcoma
	low-value care
	lower gastrointestinal bleeding
	Lowry assay
	lucid dream
	lymphangitic carcinomatosis
	lymphocytic thrombophilic arteritis

- lymphoid tissue inducer cell
Lynch syndrome
Lynch syndrome II
Mach number
Maffucci syndrome
malignant cardiac tumor
malignant mediastinal tumor
malignant peritoneal mesothelioma
mallet toe
Malnutrition Universal Screening Tool
Mammalian 1 orthobornavirus
mandibular canal
marketing authorization
mass gathering
mass gathering medicine
Masson staining
mast cell activation disorder
maternal employment status
mature teratoma
maxilliped
mean absolute error
mean squared error
mechanical lithotripsy
medial meniscus
mediastinal choriocarcinoma
mediastinal germ cell tumor
mediastinal lymphoma
mediastinal seminoma
mediastinal teratoma
medical accident
medical overuse
Medical Research Council Dyspnea Scale
medication system
medullary carcinoma of the breast
Melaleuca alternifolia
Melaleuca leucadendra
melanoma-associated retinopathy
Memorial Delirium Assessment Scale
memory B lymphocyte
menometrorrhagia
menstrual psychosis
menstrual related disorder
menstrual toxic shock syndrome
mental effort
meridional amblyopia
mesenchymal hamartoma
mesopelagic zone
metabolic pathway analysis
metabolite set enrichment analysis
metaplastic carcinoma of the breast
metastasis in breast
metastatic carcinoma of the heart
metastatic choriocarcinoma
methamphetamine-induced neurotoxicity
methane emission
microbiology information system software
microneme
microsphere immunoassay
microvasculitis
Mid Atlantic Ridge
mid ocean ridge
migralepsy
mindfulness-based stress reduction
mini-Addenbrooke cognitive examination
MINOCA
mittelschmerz
modified Ashworth scale
Modified Medical Research Council Dyspnea Scale
molluscivore
monoclonal gammopathy of undetermined significance
monoclonal mast cell activation syndrome
Monteverdia
Monteverdia ilicifolia
motion parallax
motivational intensity
mountain
mountain ranges
mTORopathy
mucinous carcinoma of the breast
mucinous cystadenoma
MuLBSTA score
multi-agent system
multicystic mesothelioma
multinomial logistic regression
multiple endocrine neoplasia type 4
multiple familial trichoepithelioma
multiple polyglandular tumor
multiple primary neoplasm
Multiple sclerosis associated retrovirus
multiple tumor
multiplex droplet digital polymerase chain reaction
multiplicity of infection
murine adenovirus 1
Murine hepatitis virus strain 3
Murine mastadenovirus A

- myasthenia gravis activities of daily living
 myofascial release
Myotis daubentonii
Myrmecophaga
Myrmecophaga tridactyla
Myxococcus xanthus DK1622
 nasal dermoid cyst
 nasopharyngeal teratoma
 negative binomial regression
 negative valence
 neighborhood characteristic
 neoadjuvant chemoradiotherapy
 neoplasms by histologic type
 neoplastic pregnancy complications
 nephelometer
 nephroblastomatosis
 neurocutaneous melanocytosis
 neurofibromatosis type 3
 neurofibromatosis-Noonan syndrome
 neutral mutation
 neutralization test
 new drug application
 nine hole peg test
 nitrogen oxide emission
Nitrosopumilus
Nitrosopumilus maritimus
Nitrososphaera
 nocturnal awakening
 non-gestational choriocarcinoma
 non-radiographic axial spondyloarthritis
 nonsense mutant
 nonsynonymous substitution
 nowcasting
 nuchal rigidity
 nuclear speckle
 nucleic acid amplification techniques
 nutritional amblyopia
 obscurantism
 ochre codon
 ochre mutant
 ochre mutation
 omission error
 oneiroid
 opal codon
 opal mutation
 open sea
 operational taxonomic unit
 oral erythroplakia
 oral leukoedema
 oral leukoplakia
 oral lichen planus
 oral submucous fibrosis
 organic horizon
 original antigenic sin
 orogenesis
 orogenic belt
Orthobornavirus
Orthohepevirus
Orycteropodidae
 ovarian choriocarcinoma
 ovarian endometriosis
 ovarian mucinous cystadenoma
 ovariohysterectomy
 overdiagnosis
 overlapping toe
 overprescribing
 overtreatment
 paddy field
 paddy rice
 paddy soil
Paguma larvata
 pain severity score
 palmar hyperhidrosis
 palmoplantar hyperhidrosis
 pancreatic mucinous cystadenoma
 pan-genome
 papillary adenoma
 papillary carcinoma of the breast
 papillary cystadenoma
 parallax
 paraneoplastic cerebellar degeneration
 paraneoplastic dermatomyositis
 paraneoplastic dermatosis
 paraneoplastic endocrine syndrome
 paraneoplastic hypercalcemia
 paraneoplastic hypoglycemia
 paraneoplastic neurological syndrome
 paraneoplastic opsoclonus myoclonus
 paraspeckle
 paratonia
 parental alienation
 parental employment status
 partial anterior circulation infarct
 partial mesorectal excision
 partial mole
 partially edentulous jaw
 particle size analyzer
 particulate matter 1.0

- paternal employment status
pathway analysis
patient empowerment
patient safety indicator
patient under investigation
patient under surveillance
PC-9/ER cells
peak global longitudinal strain
pectoralis minor muscle
Pediatric Anesthesia Emergence Delirium
Pediatric Cerebral Performance Category Scale
pediatric medulloblastoma
pedipalp
pedunculated polyp
penile intraepithelial neoplasia
perceived discrimination
percutaneous dilational tracheostomy
pereiopod
pericardial mesothelioma
pericardial teratoma
periodontal ligament stem cell
periodontal parameters
Perlman syndrome
persuasive design
persuasive technology
pes cavovarus
Phenuiviridae
photoactivated localization microscopy
physisorption
Picidae
Piciformes
pityriasis rotunda
place of birth
place of death
placental choriocarcinoma
placental site trophoblastic tumor
planetary health
plant cone
plant senescence
plantar hyperhidrosis
plate boundary
plate tectonics
pleura malignancy
pleural lymphoma
pleural sarcoma
pleuropulmonary blastoma
podzol
Poisson regression
polymalformative genetic syndrome with increased risk of developing cancer
polynomial regression analysis
population parameters
Porcine deltacoronavirus
porosimetry
positive valence
post-ictal headache
post-traumatic neoplasm
posterior circulation infarction
posterior circulation ischemia
posterior circulation stroke
pre-ictal headache
prescribing guideline
predatory publishing
prediction error
predictive model
pregnancy interval
premalignant hematologic disorder
prescribing cascade
prescribing error
pressurized intraperitoneal aerosol
chemotherapy
primary central nervous system vasculitis
primary cutaneous anaplastic large cell lymphoma
primary hepatic lymphoma
primary mediastinal large B-cell lymphoma
primary mediastinal lymphoma
primary peritoneal carcinoma
principal component regression
problem-focused coping
proctalgia fugax
progesterone receptor negative breast cancer
proliferative verrucous leukoplakia
 promyelocytic leukemia nuclear body
prone ventilation
property crime
Proteus syndrome
protrusio acetabuli
psychiatric dual diagnosis
psychogenic visual disturbance
psychological care
psychological first aid
psychological well-being scale
psychosomatic symptom
PTEN hamartoma tumor syndrome
Pueraria montana

- pulmonary artery systolic pressure
 pulmonary choriocarcinoma
 pulmonary embolectomy
 pulmonary endarterectomy
 pyemia
 Pyrrosia
 quadratus lumborum block
 quantile regression
 quantization
 quick COVID-19 severity index
 quick inventory of depressive symptomatology
 radial peripapillary capillary
 radiation induced cancer
 radiation proctitis
 radiation-induced leukemia
 radiotherapy error
 radiotherapy positioning error
 Ramphastidae
 rapid assessment of physical activity
 rapid on-site evaluation
 rapidly involuting congenital hemangioma
 rectal endometriosis
 rectal tenesmus
 rectovaginal endometriosis
 rectum obstruction
 reflected appraisal
 refractive amblyopia
 refractory cytopenia of childhood
 refractory cytopenia with unilineage dysplasia
 regolith
 regression discontinuity design
 regression model
 residence characteristics
 respiratory droplets and aerosols
 resuscitative endovascular balloon occlusion of the aorta
 retained fetal membrane
 retained products of conception
 retained surgical item
 reticuloendothelial tumor
 retinal capillary hemangioma
 retroperitoneal leiomyosarcoma
 retroperitoneal metastasis
 retroperitoneal mucinous cystadenoma
 reversal of apoptosis
 Reynoutria
 rheumatic carditis
 rheumatic endocarditis
 rheumatic myocarditis
 rheumatic pericarditis
 rhomboid major
 rhomboid minor
 rhomboid muscle
 ribonucleoprotein granule
 ridge regression
 rift zone
 right atrial aneurysm
 right ventricular aneurysm
 risk model
 Rocky Mountains
 root mean squared error
Saccharolobus
Saccharolobus shibatae
Saccharolobus solfataricus
 saline soil
 salinization
 salivary gland type breast cancer
Salmonella enterica subsp. *enterica*
 sarcoma 37
 SARS-CoV-2 (clinical isolate 01/human/Jan2020/Thailand)
 SARS-CoV-2 (clinical isolate BetaCoV/Hong Kong/VM20001061/2020)
 SARS-CoV-2 (clinical isolate BetaCoV/South Korea/KUMC01/2020)
 SARS-CoV-2 (clinical isolate Denmark/DK-AHH1/2020)
 SARS-CoV-2 (clinical isolate Munich 929)
 SARS-CoV-2 (clinical isolate SARS-CoV-2/human/RUS/Dubrovka/2020)
 SARS-CoV-2 (clinical isolate UC-1074)
 SARS-CoV-2 (clinical isolate UC-1075)
 SARS-CoV-2 (clinical isolate USA/NYU-VC-003/2020)
 SARS-CoV-2 (clinical isolate USA/UF-1/2020)
 SARS-CoV-2 (isolate hCoV-19/USA/CA-CDC-5574/2020 (B.1.1.7))
 SARS-CoV-2 (strain BetaCoV/France/IDF/200107/2020)
 SARS-CoV-2 (strain BetaCoV/Shenzhen/SZTH-003/2020)
 SARS-CoV-2 (strain England/2/2020)
 SARS-CoV-2 (strain IHUMI-6)
 SARS-CoV-2 (strain MA10)
 SARS-CoV-2 Delta
 SARS-CoV-2 Lambda variant

- SARS-CoV-2 lineage B.1.1.529
 SARS-CoV-2 lineage B.1.1.70
 SARS-CoV-2 lineage B.1.617
 SARS-CoV-2 Mu variant
 SARS-CoV-2 VUI-21APR-01
 satsuma (orange)
 Scale for the Assessment of Negative Symptoms
 Scale for the Assessment of Positive Symptoms
 scapulothoracic joint
 scar endometriosis
 Schinzel-Giedion syndrome
 schistocyte
 school closure
 school reopening
 Schussler salts
 seamount
 second primary neoplasm
 secretome
 secretory breast carcinoma
 security personnel
 seismicity
 self advocacy
 self alienation
 self compassion
 senescence-associated secretory phenotype
 sentiment analysis
 septum aneurysm
 serous cystadenoma
 serratus anterior muscle
 sessile polyp
 Severe fever with thrombocytopenia syndrome virus
 short physical performance battery
 shoulder girdle muscle
 shoulder joint
 signaling pathway analysis
 Simian varicella virus
 Simian-Human immunodeficiency virus
 Singapore grouper iridovirus
 Single Assessment Numeric Evaluation
 single-molecule localization microscopy
 sister chromatid cohesion
 sit-to-stand test
 sleep talking
 sleep terror
 sluggish cognitive tempo
 social avoidance
 social mobilization
 social movement
 social parameters
 Social Responsiveness Scale
 Social Responsiveness Scale-second edition
 social vulnerability
 societal cost
 sociodemographics
 socioeconomic parameters
 socioeconomic vulnerability
 soft stool
 software agent
 soil decontamination
 soil disinfestation
 soil health
 soil layer
 soil parent material
 soil remediation
 soil salinity
 soil salinization
 Southwest Indian Ridge
 soybean sudden death syndrome
 spinal cord hemangioblastoma
 spinal stiffness
 spindle cell hemangioma
 splenic lymphoma
 sporadic disease
 sporadic pheochromocytoma
 sprinkler irrigation
 statistical design
 statistical error
 status migrainosus
 sterilizing immunity
 stimulated emission depletion microscopy
 stochastic optical reconstruction microscopy
 Stop-Bang Questionnaire
 strabismic amblyopia
 stress granule
 stromal vascular fraction
 structural racism
 struma ovarii
 subduction
 subduction zone
 subendocardium
 subgenual anterior cingulate cortex
 subgenual cingulate cortex
 subsoil
 substitution mutation
 sudden arrhythmic death syndrome

sudden unexpected death in epilepsy	thoracic metastasis
sudden unexplained death in childhood	thoracic tumor
Sulfuricurvum	thrill seeking
Sulfurimonas	thrombangiitis
Sulfurisphaera	thromboarteritis
Sulfurisphaera tokodaii	thymic epithelial neoplasm
Sulfurovaceae	thymic neoplasm
Sulfurovum	thymic neuroendocrine carcinoma
superficial endometriosis	thymic neuroendocrine tumor
support-seeking	thymic squamous cell carcinoma
suppressor mutation	thymolipoma
surface analysis	thymoma type A
surgical embolectomy	thymoma type AB
surrogate virus neutralization test	thymoma type B
susceptible exposed infectious recovered	thymoma type B1
model	thymoma type B2
susceptible infected recovered model	thymoma type B3
susceptible infected susceptible model	thymus carcinoma
sustainable development goal	tissue culture infectious dose
swept source optical coherence tomography	tobacco amblyopia
angiography	total anterior circulation infarct
Swiss cheese model	toxic amblyopia
synaptic disorder	toxidrome
synaptic dysfunction	transcatheter edge to edge mitral valve repair
synonymous substitution	transient monocular blindness
systems genetics	translational bioinformatics
systems medicine	translational biology
systems pharmacology	translational medicine
systems research	translational science
systems science	transmission electron microscope
Syzygium polyanthum	Trichodysplasia spinulosa-associated polyomavirus
T1 weighted imaging	trichoscopy
T2 weighted imaging	tripe palms
tail fan	triple-positive breast cancer
Talitridae	trogocytosis
Tamandua	tropical dry forest
Tamandua tetradactyla	tropical forest
TCID50	Tropilaelaps
tectonic plate	tubular carcinoma of the breast
telecare	tufted angioma
telson	tumor mutational burden
testicular choriocarcinoma	type I error
texture analysis	type II error
theriogenology	typographical error
thin basement membrane nephropathy	underdiagnosis
thioacetamide-induced hepatotoxicity	underprescribing
Thiovulaceae	understory
thoracic cancer	
thoracic endometriosis	

undifferentiated uterine sarcoma
unidentified deceased
university staff
unnecessary prescribing
unnecessary surgery
unnecessary therapy
ureteral bypass device
urinary tract endometriosis
urinary tuberculosis
uropod
uterine choriocarcinoma
vaccine development
vaccine-associated disease enhancement
Vaccinia virus Ankara
vaginal endometriosis
vaginal temperature
valence (chemistry)
valence (emotion)
vandalism
vascular depression
vein endothelium
ventricular septal aneurysm
venule density
Vermilingua
vermivore
Vero E6-high ACE2 cell line
vesical tenesmus
video assisted anal fistula treatment
video assisted mediastinoscopic
lymphadenectomy
video assisted mediastinoscopy
video assisted retroperitoneal debridement
video assisted surgery
video assisted technique
video assisted thoracoscopic lobectomy
video capsule endoscopy
video interview
videocapillaroscopy
videolaparoscopy
Vineland Adaptive Behavior Scale
Vineland Adaptive Behavior Scale-second
edition
viropexis
virtual assistant
virus cell membrane fusion
virus endocytosis
virus neutralization test
vocal process granuloma
vulnerability
vulvar lichen planus
water footprint
watery stool
weighted gene co expression network
analysis
window of vulnerability
World Health Organization Disability
Assessment Schedule
World Health Organization Disability
Assessment Schedule 2.0
wound botulism
wrong site surgery
X-linked dyskeratosis congenita
X-ray diffractometer
xeroderma pigmentosum group E
xeroderma pigmentosum variant
years of potential life lost
zooxanthellae

Non-drug terms

New or pre-existing term	Old (replaced) term
* indicates pre-existing term	These terms become synonyms of the new term
aguracingene cadoparvovec	AAV-CNGA3
angiotropin	angiotrophin
anselamimab	cael 101
bavunalimab	pavunalimab
botaretigene sparoparvovec	a004
ciltacabtagene autoleucel*	jnj 68284528
dinutuximab*	apn 311
domofenogene zalfaparvovec	bmn 307
doxecitine	deoxycytidine
dust mite extract	house dust mite allergen extract
efprezimod alfa	CD24Fc
endoplasmic reticulum	glucose regulated protein 78
chaperone BiP	otl 103
etuvetidigene autotemcel	arc aat
fazirsiran	mb 107
firolimogene autotemcel	miv 818
fostroxacitabine bralpamide	cj 23423
grapiprant*	homatropine methyl bromide plus hydrocodone bitartrate
homatropine methylbromide plus hydrocodone bitartrate	transcription factor Nkx2.2
homeobox protein Nkx-2.2	
Human papilloma virus	
vaccine	Wart virus vaccine
hydroxyethyl starch	hetastarch
idrevloride	p 1037
ifezuntirgene inilparvovec	AAV5-miHTT
iopofosine i 131	clr 131
ivabradine*	coralan
laruparetigene zovaparvovec	agtc 0501
mupirocin	pseudomonic acid
neuronal migration protein	
doublecortin	doublecortin
olitigaltin	td139
onternabez	4 [4 (1,1 dimethylheptyl) 2,6 dimethoxyphenyl] 6,6 dimethylbicyclo[3.1.1]hept 2 en 2 ylmethanol
pegipanermin	quellor
pivekimab sunirine	imgn632
pruxelutamide	proxalutamide
rebemadlin	nulin 3
sirolimus	rapamycin
testosterone buciclate	testosterone 4 butylcyclohexanecarboxylate
tosatoxumab*	salvecin

tozinameran	comirnaty
ulenistamab	ppb1510
virus entry inhibitor	virus fusion inhibitor
zegocractin	cm 4620
zenuzolac	vgx 1027
zinpentraxin alfa	rg6354

Non-drug terms

New or pre-existing term	Old (replaced) term
* indicates pre-existing term	These terms become synonyms of the new term
aardvark (genus)	aardvark
angioimmunoblastic T cell lymphoma*	immunoblastic lymphadenopathy
attention deficit hyperactivity disorder	attention deficit disorder
atypical hemolytic uraemic syndrome*	atypical hemolytic uremic syndrome
Cognitive Emotion Regulation Questionnaire	Cognitive Emotion Regulation Questionnaire (CERQ)
ductal breast carcinoma in situ	intraductal carcinoma
edentulism	edentulousness
emotion regulation questionnaire	Emotion Regulation Questionnaire (ERQ)
fibroadenoma*	breast fibroadenoma
genetic modification	DNA modification
genotyping	genotyping technique
gestational trophoblastic disease	trophoblastic disease
hammertoe	hammer toe
intestinal metaplasia	intestine metaplasia
invasive mole	chorioadenoma
left ventricular aneurysm	heart left ventricle aneurysm
malignant cardiac tumor	heart cancer
malignant mediastinal tumor	mediastinum cancer
metastatic carcinoma of the heart	heart carcinoma
mucinous cystadenoma	mucinous cystic neoplasm
nucleic acid amplification techniques	nucleic acid amplification
open sea	pelagic zone
Orthobornavirus	Bornavirus
paraneoplastic endocrine syndrome	ectopic hormone production
PC-9/ER cells	PC-9/R cell line
place of birth	birthplace
pleura malignancy	pleura cancer
prescribing error	inappropriate prescribing
retained surgical item	retained instrument

Emtree Terms Changed in January 2022 | 22

reticuloendothelial tumor	reticuloendothelial neoplasm
Saccharolobus shibatae	Sulfolobus shibatae
Saccharolobus solfataricus	Sulfolobus solfataricus
SARS-CoV-2 VUI-21APR-01	SARS-CoV-2 variant VUI-21APR-01
satsuma (orange)	satsuma
social avoidance	social avoidance behavior
Sulfurisphaera tokodaii	Sulfolobus tokodaii
thoracic cancer	cancer of the thorax and thoracic cavity
thoracic cancer	thorax cancer
thoracic metastasis	thoracic cavity metastasis
thoracic tumor	neoplasms of the thorax and thoracic cavity
thoracic tumor	thorax tumor
two dimensional gel electrophoresis*	two dimensional electrophoresis
understory	understorey