

Emtree Terms Added and *Changed* (September 2022)

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

Overall, Emtree has grown by 1045 preferred terms (83 drug terms and 962 non-drug terms) compared with the previous version released in May 2022. In total Emtree now counts 94586 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 2022

1088 new terms (including 44 replacement terms and promoted synonyms) have been added to Emtree as preferred terms in version September 2022 (compared to May 2022):

- 91 drug terms (terms assigned to the Chemicals and Drugs facet).
- 997 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 September 2022

44 terms (8 drug terms and 36 non-drug terms) from Emtree May 2020 have been replaced by 42 different terms in September 2022 (8 drug terms and 34 non-drug terms).

Of these, 39 terms (6 drug terms and 33 non-drug terms) are new (e.g. new generic names for drug chemical names) and have been assigned creation date 2022; the remaining 3 replacement terms (2 drug terms and 1 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

act 101
act 709478
ad5 ncov
aguix
amoxicillin plus clarithromycin plus
vonoprazan
amoxicillin plus vonoprazan
anzurstobart
apr 2020 (drug)
atir201
avr rd 04
avxs 401
azp 3601
bac6027
bamlanivimab plus etesevimab
belrestotug
berdoxam
betamethasone dipropionate plus
gentamicin
bivv003
boost cells (drug)
brb 101
buntanetap
cadisegliatin
camonsertib
cb 103
cb-chmf 11
cebtutide
cer 001
covi-vac
crefmirlimab berdoxam zirconium zr 89
cretostimogene grenadenorepvec
ct041
cth120
danburstotug
desmin (protein)
dicyclomine hydrochloride plus doxylamine
succinate plus pyridoxine hydrochloride
dodecyl creatine ester
elasomeran plus imelasomeran
ethinylestradiol plus iron glycinate plus
levonorgestrel
evazarsen
feline calicivirus feline chlamydiosis feline
leukemia feline panleukopenia feline
rhinotracheitis vaccine
feline calicivirus feline chlamydiosis feline
panleukopenia feline rhinotracheitis vaccine
feline calicivirus feline panleukopenia
feline rhinotracheitis vaccine
feline calicivirus feline rhinotracheitis
vaccine
fepixnebart
flt201
gemcovac 19
gma301
golcadomide
gs 100
guaiifenesin plus paracetamol plus
phenylephrine
imelasomeran
imm 201
inxn 2001
isth0036
lb 001
lu af82422
menin (protein)
ndv hxp s
ngn 101
nivolumab plus relatlimab
noora vaccine
norrin [25-133] lys86pro
nvg 291
nysi 06 08
oav201
oc 1
ocu400
pegozafermin
pr001
prax 562
pts-as
pyridoxine plus tryptophan
renutend
resimmune
rezpegaldesleukin
ruti
sar442501
satoreotide trizoxetan galium ga 68
skycovione
stk 001
sunirine
tinlorafenib

tonlamarsen
tsha 102
udifitimod
ulefnersen
valneva COVID-19 vaccine
vilamakitug
vo659
volrustomig
zifcasiran

Non Drug terms

absolute glaucoma
Acanthamoeba culbertsoni
accelerated weathering
accident analysis
accommodation reflex
acetabular anteversion
acetabular depth
acetabular inclination
acetabular index
acid attack (violence)
acinar cell carcinoma of the pancreas
acquired cystic disease-associated renal cell carcinoma
acute osteomyelitis
adenocarcinoma of the bladder
adenocarcinoma of the urethra
adenoma of the bladder
adenosquamous carcinoma of the pancreas
adhesiolysis
adipose tissue weight
adrenal cortex cancer
adrenal oncocytoma
adrenal rest tumor
adrenal sarcoma
adult linear IgA disease
aftertaste
albumin urine level
albumin-to-fibrinogen ratio
ampullary carcinoid
anal adenocarcinoma
anal intraepithelial neoplasia
anal squamous cell carcinoma
Angiostrongylus malayensis
angle class I malocclusion
angle class II malocclusion
angle class III malocclusion
angle of trunk rotation
angle opening distance
angle recess area
angular vestibuloocular reflex
animal hair
ankle angle
ankle dorsiflexion angle
ankle plantarflexion angle
ankle radiographic parameter
anorectal cancer
anorectal carcinoma

anorectal melanoma
anorectal tumor
anterior corneal curvature
anterior eye chamber volume
anterior mitral leaflet
anterior pulmonary leaflet
anterior synechia
anterior tricuspid leaflet
Anthemis arvensis
Anthonomini
aortic annulus
aortic leaflet
apical vertebral rotation
apical vertebral translation
appendiceal adenocarcinoma
appendiceal mucinous adenocarcinoma
appendiceal neuroendocrine tumor
apraxia of eyelid opening
Archaeoglobaceae
Archaeoglobi
argentaffinoma
Armillifer armillatus
artificial intelligence software
artificial nitrogen fixation
artificial photosynthesis
asymmetrical tonic neck reflex
atmospheric carbon dioxide removal
atrioventricular valve
atypical carcinoid
autoimmune connective tissue disease
autoimmune digestive disease
autoimmune disease of the central nervous system
autoimmune disease of the nervous system
autoimmune disease of the peripheral nervous system
autoimmune endocrine disease
autoimmune hematologic disease
autoimmune hyperthyroidism
autoimmune hypothyroidism
autoimmune kidney disease
autoimmune myopathy
autoimmune necrotizing myopathy
autoimmune vasculopathy
autologous stimulation
autonomic reflex
awn hair
Bacillus cereus ATCC 53522
Bacillus methanolicus

Emtree Terms Added in September 2022 | 5

backfat thickness
Bainbridge reflex
barium poisoning
bean aphid
Bell phenomenon
benign biliary tumor
benign bladder tumor
benign Brenner tumor
benign colon tumor
benign duodenal tumor
benign esophageal tumor
benign gastric tumor
benign liver tumor
benign ovarian tumor
benign pancreatic tumor
benign renal tumor
Bezold Jarisch reflex
Bifidobacterium bifidum ATCC 29521
bile duct adenocarcinoma
bile duct metastasis
biliary cystadenocarcinoma
biliary cystadenoma
biliary intraepithelial neoplasia
biliary metastasis
biliary papillomatosis
bioaccumulation factor
bioconcentration factor
bioenergy with carbon capture and storage
biofilm inhibitory concentration
bismuth poisoning
Blackburne-Peel index
bladder carcinosarcoma
bladder hemangioma
bladder leiomyoma
bladder lymphoma
bladder sarcoma
bobble head doll syndrome
body focused repetitive behavior
body rocking
Bohler angle
borderline ovarian tumor
borderline thyroid tumor
bowel melanoma
Brodie abscess
Brunner gland adenoma
Brunner gland hamartoma
brunneroma
buccofacial apraxia
Bundibugyo ebolavirus
business continuity
C-cell hyperplasia
C-cell tumor
C2-C7 sagittal vertical axis
C7 slope
C7-CSVL
cacosmia
cadence (gait)
Caenorhabditis elegans NL5901
calcaneal pitch
canaloplasty
CANVAS syndrome
caramelization
carbon capture
carbon capture and storage
carbon neutrality
carbon pump
carcinoid heart disease
carcinoid of the appendix
carcinoma in situ of the testis
carcinoma showing thymus-like differentiation
Cardiff acne disability index
carotid-radial pulse wave velocity
catalytic water splitting
catecholamine-producing tumor
Caton-Deschamps Index
cecal adenocarcinoma
cell death rate
cell migration rate
cell proliferation rate
cell-medium ratio
central sacral vertical line
cerebroplacental ratio
cervical lordosis angle
cervical sagittal parameter
cervicoocular reflex
Chaddock reflex
cheek biting
chemical looping combustion
chemotactic index
chevron osteotomy
childhood apraxia of speech
Chlamydia infection
chromium poisoning
chronic bullous disease of childhood
chronic radiation syndrome
civil engineering
classical seminoma

clear cell papillary renal cell carcinoma
climate change mitigation
closing wedge high tibial osteotomy
Clostridium thermohydrosulfuricum
coelom
coelomic fluid
coercivity
collecting duct carcinoma
colon carcinoid
colon neuroendocrine tumor
colon weight
colorectal neuroendocrine tumor
complete breech
connective tissue disease associated
interstitial lung disease
constructional apraxia
copper poisoning
corneal apex
corneal arcus
corneal curvature
corneal refractive power
corneal thickness
corneal volume
coronal balance
coronal Cobb angle
coronal parameter
cortical organoid
Cotton osteotomy
craniovertebral angle
cremasteric reflex
crocodile tear syndrome
crossed extensor reflex
CT scanner
CT scanner software
cupric reducing antioxidant capacity
Curculionini
Currarino syndrome
cutaneous glomus tumor
cutaneous trunci muscle reflex
Cyanophora paradoxa
cyclophosphamide-induced
myelosuppression
cystadenocarcinoma of the pancreas
cystic nephroma
cystic partially differentiated
nephroblastoma
cystic renal tumor
dazzle reflex
defense reflex
Diacronema
diffuse-type gastric carcinoma
direct air capture
disaster resilience
diving reflex
double support time
dressing apraxia
duodenal adenocarcinoma
duodenal adenoma
duodenal carcinoid
duodenal leiomyoma
duodenal lipoma
duodenal metastasis
duodenal neuroendocrine tumor
duodenal sarcoma
Dwyer osteotomy
eggshell strength
eggshell thickness
elbow angle
elbow extension angle
elbow flexion angle
electrical impedance tomograph
electrocatalytic water splitting
electroporation therapy system
electroporation transfection system
emergency management
environmental engineering
environmental mitigation
eosinophilic, solid, and cystic renal cell
carcinoma
epididymal weight
epididymis tumor
epidural adhesion
Escherichia coli B/r
esophageal gastrointestinal stromal tumor
esophageal granular cell tumor
esophageal leiomyoma
esophageal leiomyomatosis
esophageal melanoma
esophageal papilloma
esophageal sarcoma
esophageal schwannoma
Evans osteotomy
experimental cerebral malaria
experimental heart damage
experimental myelosuppression
experimental myocardial injury
experimental portal hypertension
experimental tetanus

experimental varicocele
expiratory stridor
extrahepatic cholangiocarcinoma
eyelash reflex
failure analysis
familial isolated pituitary adenoma
familial nonmedullary thyroid carcinoma
familial thyroid cancer
familial tumoral calcinosis
fasting blood glucose level
fasting insulin level
fault tree analysis
femoral derotation osteotomy
femoral head diameter
femoral neck anteversion
femoral neck length
femoral neck width
femoral neck-shaft angle
femoral offset
femoral valgus osteotomy
femoral varus osteotomy
femorotibial angle
fibrinogen-to-albumin ratio
fibrodysplasia ossificans progressiva
finger sucking
first intermetatarsal angle
flash vacuum pyrolysis
flood mitigation
floppy eyelid syndrome
foot angle
foot osteotomy
foot progression angle
foot radiographic parameter
footling breech
forensic engineering
frank breech
free open access medical education
frontal release sign
fumarate hydratase deficient renal cell carcinoma
functioning pancreatic neuroendocrine tumor
functioning pituitary adenoma
fundal pressure
gag reflex
gait deviation index
gait profile score
gallbladder adenocarcinoma
gallbladder adenoma
gallbladder adenomyomatosis
gallbladder metastasis
gallbladder sarcoma
gallbladder squamous cell carcinoma
gasping
gastric B-cell lymphoma
gastric diffuse large B cell lymphoma
gastric glomus tumor
gastric lipoma
gastric MALT lymphoma
gastric melanoma
gastric metastasis
gastric neuroendocrine tumor
gastric schwannoma
gastrocolic reflex
gastrointestinal adenocarcinoma
gastrointestinal MALT lymphoma
gastrointestinal melanoma
gastrointestinal metastasis
gastrointestinal neuroendocrine tumor
gastrointestinal sarcoma
Gavialis gangeticus
gender nonbinary
general software
genital skin
glabellar reflex
glomangioma
glomus vagale tumor
goblet cell carcinoid
goniosynechia
goniosynechialysis
goniotomy
Gracilaria gracilis
granulocyte count
granulosa cell carcinoma
grasp reflex
grunting
guard hair
gynandroblastoma
Haber Bosch process
Hamman sign
head banging
head-up tilt test
heart ventricular pressure
hepatic angiomyolipoma
hereditary
paraganglioma/pheochromocytoma
Herpetomonas
high tibial osteotomy

Emtree Terms Added in September 2022 | 8

hip angle
hip extension angle
hip flexion angle
hip radiographic parameter
hip-knee-ankle angle
Hurthle cell adenoma
Hurthle cell carcinoma
Hurthle cell tumor
hyalinizing trabecular tumor
hydrogen evolution reaction
hydrological engineering
Hydrophilidae
hyperphosphatemic familial tumoral calcinosis
hypoallergenic diet
hypothermic neuroprotection
ideational apraxia
ileal adenocarcinoma
ileal carcinoid
ileal carcinoma
ileal metastasis
ileal neuroendocrine tumor
ileal polyp
imaginal exposure therapy
immature teratoma of the ovary
implantable artificial kidney
inadvertent perioperative hypothermia
indirect flight muscle
infarct size
infectivity rate
inflammatory glaucoma
Insall-Salvati ratio
inspiratory stridor
intertrochanteric osteotomy
interventricular septum thickness
intestinal adenocarcinoma
intestinal adenoma
intestinal MALT lymphoma
intestinal metastasis
intestinal polyposis
intestinal sarcoma
intestinal type gastric carcinoma
intrадuctal papillary mucinous adenoma
intrадuctal papillary mucinous carcinoma
intrадuctal papillary neoplasm of the bile duct
intrahepatic cholangiocarcinoma
intrahepatic portosystemic stent
intraoperative awareness with explicit recall
intraoperative MRI system
intratubular germ cell neoplasia
invasive ductal carcinoma of the pancreas
iridocorneal angle
iris area
iris bombe
iris curvature
iris thickness
islet cell adenoma
jaw reflex
jejunal adenocarcinoma
jejunal carcinoma
jejunal metastasis
jejunal polyp
joint angle
joint-line convergence angle
juxtaglomerular cell tumor
Kellgren-Lawrence grade
Kleine Levin syndrome
knee angle
knee extension angle
knee flexion angle
Krukenberg tumor
laryngeal carcinoid
larynx cyst
lateral center-edge angle
lateral closing wedge high tibial osteotomy
lateral distal femoral angle
lateral distal tibial angle
lateral talocalcaneal angle
left coronary cusp
left pulmonary leaflet
left ventricular diastolic diameter
left ventricular diastolic pressure
left ventricular end-diastolic diameter
left ventricular end-diastolic pressure
left ventricular end-systolic diameter
left ventricular end-systolic pressure
left ventricular filling pressure
left ventricular pressure
left ventricular systolic diameter
left ventricular systolic pressure
left ventricular wall thickness
leiomyosarcoma of the small intestine
lens thickness
liana (plant)
ligament graft
linear vestibuloocular reflex
lip biting

lithium intoxication	milk sickness
LIV tilt	mitigation
liver-to-plasma ratio	mitral annulus
lower limb radiographic parameter	mitral leaflet
lumbar Cobb angle	mixed epithelial and stromal tumor of the kidney
lumbar lordosis angle	moderate hypothermia
lung wet weight	Morella cerifera
lung wet-dry weight ratio	moro reflex
machine learning software	MRI scanner
Macrolepiota	MRI scanner software
Macrolepiota procera	mucinous tubular and spindle cell carcinoma
macroprolactinoma	multilocular cystic renal cell carcinoma
magnesium intoxication	mushroom worker lung
magnetic parameters	Mycobacterium gastri
maladaptive behavior	Mycoplasma infection
malignant Brenner tumor	Mycoplasmatales infection
malignant sex cord stromal tumor of ovary	myositis ossificans traumatica
malleolus	nail biting
mandibular prognathism	nasal synechia
maxilla cyst	navicular height
maxillary prognathism	neck tilt
McRoberts maneuver	necrosis rate
Mearly angle	necrosis score
mechanical axis deviation	negative emission technology
mechanical femorotibial angle	Neocamarosporium
mechanical lateral distal femoral angle	nephrogenic adenoma
mechanical medial proximal tibial angle	nephrogenic adenoma of the bladder
medial clear space	neurite length
medial opening wedge high tibial osteotomy	neuroendocrine carcinoma of the gallbladder
medial proximal tibial angle	neurolathyrism
medical surgical nursing	neurological pupil index
melanoma of the urethra	neuropathic osteoarthropathy
menace response	nickel poisoning
metal fume fever	nociceptive reflex
metal poisoning	non-coronary cusp
metanephric adenoma	non-epithelial ovarian cancer
metastatic anal cancer	non-Hodgkin lymphoma of the stomach
metastatic renal cancer	non-invasive tear break-up time
metastatic renal cell carcinoma	nonfunctioning pancreatic neuroendocrine tumor
microbiological engineering	noninvasive follicular thyroid neoplasm with papillary-like nuclear features
microcystic stromal tumor	nonseminomatous germ cell tumor of the testis
microprolactinoma	normophosphatemic familial tumoral calcinosis
microsleep	obstetric maneuver
Microsporum canis	
Microsporum cookei	
Microsporum fulvum	
mid-arm muscle circumference	
middle cerebral artery pulsatility index	
mild hypothermia	

Emtree Terms Added in September 2022 | 10

obstetric violence
oculomotor apraxia
oncocytic carcinoma
oncocytic tumor
one-kidney, one-clip renovascular hypertension
onychotillomania
open access
open bite
open license
open source technology
operating room nursing
optokinetic response
optomotor response
orbicularis oculi reflex
organic dust toxic syndrome
osteitis condensans
osteolathyrism
Ostwald ripening
Otiorhynchini
ovarian carcinosarcoma
ovarian clear cell adenocarcinoma
ovarian cystic teratoma
ovarian endometrioid carcinoma
ovarian fibroma
ovarian fibrothecoma
ovarian germ cell cancer
ovarian germ cell tumor
ovarian leiomyoma
ovarian mucinous adenocarcinoma
ovarian sarcoma
ovarian sex cord stromal tumor
ovarian yolk sac tumor
overbite
oxyfuel combustion
oxygen evolution reaction
Paederus dermatitis
palmar grasp reflex
palmomental reflex
pancreatic carcinoid
pancreatic cystadenoma
pancreatic intraductal neoplasia
pancreatic intraepithelial neoplasia
pancreatic sarcoma
pancreatic serous cystadenoma
pancreatic weight
pancreatobiliary cancer
pancreatoblastoma
papillary and follicular thyroid carcinoma
papillary urothelial neoplasm of low malignant potential
papilloma of the ureter
paradoxical vocal cord motion
paraganglioma of the duodenum
Paraphyton
parasite count
Passalurus
Passalurus ambiguus
patellar height
patellar reflex
Pavlova lutheri
pediatric craniopharyngioma
pediatric cystic nephroma
pediatric hepatocellular carcinoma
pelvic adhesion
perianesthesia nursing
pericardial adhesion
perioperative care
perioperative complication
periosteal bone
phacogenic glaucoma
phacolytic glaucoma
phacomorphic glaucoma
phagocytic index
Phoma betae
photic sneeze
photocatalytic water splitting
photoelectrochemical water splitting
pigmentary glaucoma
piloerection
pine nut
pineal metastasis
pineoblastoma
pineocytoma
pituitary carcinoma
pituitary macroadenoma
pituitary microadenoma
plantar grasp reflex
plasma thawing device
pleural friction rub
pollution mitigation
polymer fume fever
Ponte osteotomy
Porphyra umbilicalis
posterior mitral leaflet
posterior synechia
posterior tricuspid leaflet
postoperative adhesion

Emtree Terms Added in September 2022 | 11

postoperative glaucoma	right ventricular pressure
postoperative monitoring	right ventricular wall thickness
postural reflex	rooting reflex
potassium intoxication	sagittal Cobb angle
preoperative monitoring	sagittal parameter
primary gastric lymphoma	sagittal spinal parameter
primary hypertrophic osteoarthropathy	sagittal spinopelvic parameter
primitive reflex	salivary gland oncocytoma
pseudogynecomastia	sanitary engineering
pulmonary annulus	sarcoma of the jejunum
pulmonary carcinoid	sarcoma of the small intestine
pulmonary leaflet	sarcomatoid carcinoma of the bladder
Pyrococcus woesei	sarcomatoid renal cell carcinoma
radiographic parameter	SARS-CoV-2 (BetaCoV/Wuhan/IVDC-HB-01/2020, EPI ISL 402119)
RANKL-induced bone resorption	SARS-CoV-2 (clinical isolate BRA/RJ01/2020)
rectal carcinoid	SARS-CoV-2 (clinical isolate hCoV-19/Singapore/10/2020)
rectal neuroendocrine tumor	SARS-CoV-2 (clinical isolate new york-PV09158/2020)
rectoanal inhibitory reflex	SARS-CoV-2 (D634G)
rectosigmoid adenocarcinoma	SARS-CoV-2 (hCoV-19/Japan/TY11-927-P1/2021)
rectosigmoid cancer	SARS-CoV-2 (hCoV-19/Japan/TY38-873/2021)
rectosigmoid carcinoma	SARS-CoV-2 (hCoV-19/Japan/TY7-501/2021)
reflex bradycardia	SARS-CoV-2 (hCoV-19/Japan/TY7-503/2021)
reflex tachycardia	SARS-CoV-2 (hCoV-19/Japan/TY8-612/2021)
regulon (genetics)	SARS-CoV-2 (Indian/a3i clade/2020 isolate)
Reinke edema	SARS-CoV-2 (isolate hCoV-19/Japan/QHN001/2020)
relative brain weight	SARS-CoV-2 (isolate hCoV-19/Japan/QHN002/2020)
relative heart weight	SARS-CoV-2 (isolate hCoV-19/Japan/QK002/2020)
relative kidney weight	SARS-CoV-2 (isolate hCoV-19/Russia/Moscow-PMVL-12/2020)
relative liver weight	SARS-CoV-2 (isolate hCoV-19/South Africa/KRISP-K005325/2020)
relative lung weight	SARS-CoV-2 (isolate hCoV-19/USA/PHC658/2021)
relative organ weight	SARS-CoV-2 (isolate MX/BC1/2020)
relative pancreas weight	SARS-CoV-2 (isolate SARS-CoV-2/human/FRA/Lille-Vero-81-TMPRSS2/2020)
relative spleen weight	SARS-CoV-2 (isolate SARS-CoV-2/human/FRA/Lille-Vero-81-TMPRSS2/2020)
relative testis weight	pseudoparticle
relative thymus weight	SARS-CoV-2 (lineage A.27)
relative thyroid weight	SARS-CoV-2 (lineage B..1.387 D614G)
relative uterine weight	
renal cell tumor	
renal epithelioid angiomyolipoma	
renal hemangioma	
renal leiomyoma	
renal lymphoma	
renal medullary carcinoma	
renal oncocytoma	
rhinolithiasis	
rhonchus	
rhythmic movement disorder	
right coronary cusp	
right pulmonary leaflet	

Emtree Terms Added in September 2022 | 12

SARS-CoV-2 (lineage B.1.1)	SARS-CoV-2 lineage B.1.617 pseudovirus
SARS-CoV-2 (lineage B.1.1.241)	SARS-CoV-2 lineage B.1.618 pseudovirus
SARS-CoV-2 (lineage B.1.1.4)	SARS-CoV-2 MLV pseudovirusparticle
SARS-CoV-2 (lineage B.1.160)	SARS-CoV-2 Omicron pseudovirus (S protein)
SARS-CoV-2 (lineage B.1.416)	SARS-CoV-2 pseudotyped HIV-1
SARS-CoV-2 (lineage B.6)	SARS-CoV-2 pseudovirus (spike S protein d21)
SARS-CoV-2 (lineage BA.1)	SARS-CoV-2 S-pseudotyped vesicular stomatitis virus
SARS-CoV-2 (lineage BA.4)	SARS-CoV-2 Scotland variant (lineage B.1.222)
SARS-CoV-2 (lineage BA.5)	SARS-CoV-2 virus (strain hCoV-19/Taiwan/NTU04/2020)
SARS-CoV-2 (strain Czech Republic/951/2020)	SARS-CoV-2 Wuhan pseudovirus (S protein)
SARS-CoV-2 (strain Everett)	Scenedesmus acutus
SARS-CoV-2 (strain hCoV-19-IPL-France)	sclerosing stromal tumor
SARS-CoV-2 (strain IHU-MI-2122)	secondary hypertrophic osteoarthropathy
SARS-CoV-2 (strain IHU-MI-2123)	secreting paraganglioma
SARS-CoV-2 (strain IHU-MI-2129)	seizure duration
SARS-CoV-2 (strain IHU-MI-2177)	self biting
SARS-CoV-2 (strain IHU-MI-2178)	self hitting
SARS-CoV-2 (strain IHU-MI-2179)	semilunar valve
SARS-CoV-2 (strain IHU-MI-2403)	seminal vesicle weight
SARS-CoV-2 (strain IHU-MI-2519)	sensitizer enhancement ratio
SARS-CoV-2 (strain IHU-MI-2555)	sepsis-induced myocardial injury
SARS-CoV-2 (strain IHU-MI-2615)	septal tricuspid leaflet
SARS-CoV-2 (strain IHU-MI-3100)	serrated adenoma
SARS-CoV-2 (strain IHU-MI-3127)	serrated polyposis syndrome
SARS-CoV-2 (strain IHU-MI-3128)	sessile serrated adenoma
SARS-CoV-2 (strain IHU-MI-3147)	sex cord tumor with annular tubules
SARS-CoV-2 (strain IHU-MI-3191)	sex cord-stromal tumor of the testis
SARS-CoV-2 (strain IHU-MI-3217)	sialendoscopy
SARS-CoV-2 (strain IHU-MI-3396)	sigmoid adenocarcinoma
SARS-CoV-2 (strain IHU-MI-3630)	sigmoid polyp
SARS-CoV-2 (strain IHU-MI-4654)	sigmoid tumor
SARS-CoV-2 (strain IHU-MI-5227)	silo filler disease
SARS-CoV-2 (strain IHU-MI-5245)	single support time
SARS-CoV-2 (strain IHU-MI-5253)	sinonasal papilloma
SARS-CoV-2 (strain IHU-MI-717)	skin thickness
SARS-CoV-2 (strain IHU-MI-847)	sleep misperception
SARS-CoV-2 (strain Munchen-1.2/2020/984)	small bowel adenocarcinoma
SARS-CoV-2 (strain MX-BC2/2020)	small bowel melanoma
SARS-CoV-2 (strain S-007)	small bowel polyp
SARS-CoV-2 (strain Toronto)	small cell carcinoma of the bladder
SARS-CoV-2 (UT-NCGM02/Human/2020/Tokyo)	small cell carcinoma of the ovary
SARS-CoV-2 (variant GV)	small intestinal carcinoid
SARS-CoV-2 (variant Marseille-10)	small intestinal neuroendocrine tumor
SARS-CoV-2 (variant Marseille-7)	Smith-Petersen osteotomy
SARS-CoV-2 (variant Marseille-8)	snorting
SARS-CoV-2 (variant R10/E796G/C799F)	
SARS-CoV-2 Centaurus	

- snout reflex
social resilience
solar geoengineering
spermatic cord tumor
spermatocytic seminoma
spherical equivalent
spinal osteotomy
spinosacral angle
spontaneous combustion
squamous cell carcinoma of the bladder
squamous cell carcinoma of the ovary
squamous cell carcinoma of the pancreas
squamous cell carcinoma of the stomach
squamous cell carcinoma of the thyroid
squamous cell carcinoma of the urethra
stance time
Staphylococcus aureus 502A
Staphylococcus aureus Cowan
Staphylococcus aureus subsp. *aureus*
Staphylococcus saccharolyticus
step frequency
step length variability
step time variability
step width variability
stereotypic movement disorder
stertor
Streptomyces glaucescens
Streptomyces lincolnensis
Streptomyces noursei
Streptomyces parvulus
stride length variability
sub-minimum inhibitory concentration
subacute osteomyelitis
subchondral cyst
subinhibitory concentration
succinate dehydrogenase-deficient renal cell carcinoma
sucking reflex
survey fatigue
swallowing reflex
Swine enteric alphacoronavirus
swing time
symmetrical tonic neck reflex
syringobulbia
syringohydromyelia
T1 slope
talar tilt
talo-first metatarsal angle
talocalcaneal angle
talocrural angle
talonavicular coverage angle
technostress
tendon adhesion
testicular adrenal rest tumor
testicular embryonal carcinoma
testicular germ cell tumor
testicular lymphoma
Thermoanaerobacterium
thermosaccharolyticum
thoracic Cobb angle
thoracic inlet angle
thoracic kyphosis angle
thymic carcinoid
thymus weight
thyroid follicular adenoma
thyroid lymphoma
thyroid sarcoma
thyroid-like follicular carcinoma of the kidney
tibia length
tibial slope
tibiofibular clear space
tibiotalar angle
tissue-to-plasma ratio
tongue biting
tongue thrusting
tonic neck reflex
tooth size discrepancy
torsade de pointes
total antioxidant capacity
total radical-trapping antioxidant parameter
Tp-e/QT ratio
Tp-e/QTc ratio
trabecular-iris angle
trabecular-iris space area
traditional serrated adenoma
transgender and gender nonbinary
transitional cell carcinoma of the bladder
transitional cell carcinoma of the prostate
transitional cell carcinoma of the renal pelvis
transitional cell carcinoma of the ureter
transitional cell carcinoma of the urethra
translocation renal cell carcinoma
transverse lie presentation
traumatic bone cyst
traumatic dental occlusion
traumatic glaucoma
triceps skinfold thickness

Emtree Terms Added in September 2022 | 14

Trichophyton benhamiae
Trichophyton erinacei
Trichophyton simii
tricuspid annulus
tricuspid leaflet
triglyceride-glucose index
triglyceride-to-high-density lipoprotein-cholesterol ratio
trunk flexion angle
Trypanosoma equiperdum
TT-TG distance
tubulocystic renal cell carcinoma
tumor-to-background ratio
tumor-to-kidney ratio
tumor-to-liver ratio
tumor-to-muscle ratio
Turkey rhinotracheitis virus
two-kidney, one-clip renovascular hypertension
typical carcinoid
ulcerative colitis endoscopic index of severity
umbilical artery pulsatility index
undercoat (hair)
undifferentiated embryonal sarcoma of liver
unicameral bone cyst
urachal carcinoma
urethral polyp
urine osmolarity
urothelial carcinoma in situ
urothelial papilloma
urothelial tumor
uterine artery pulsatility index
uveitic glaucoma
uveitis glaucoma hyphema syndrome
vanadium poisoning
varus derotation osteotomy
vein of Marshall
venoarteriolar reflex
ventricular end diastolic pressure
ventricular wall thickness
vertebral column resection
vestibular areflexia
videoconference fatigue
virilizing adrenal adenoma
virilizing ovarian tumor
virilizing tumor
visceral adiposity index
visceral cancer
visceral fat weight
visceral sensitivity index
visceral tumor
vitreous chamber depth
vocal cord cyst
vocal cord injury
vocal cord leukoplakia
vocal cord nodule
voluntary swallowing
water electrolysis
water radiolysis
water splitting
wearable artificial kidney
Weil osteotomy
Yersinia kristensenii
Yersinia pestis CO92
Zavanelli maneuver

Drug terms

New or pre-existing term

** indicates pre-existing term*

trispirane*

Old (replaced) term

These terms become synonyms of the new term

aln ttrsc02

Non-drug terms

New or pre-existing term

** indicates pre-existing term*

Acanthamoeba culbertsoni
atrioventricular valve
Chlamydia infection
Chlamydia infection
chromophobe adenoma*
corneal arcus
corneal curvature
corneal thickness
CT scanner
CT scanner software
eggshell thickness
femoral neck-shaft angle
heart ventricular pressure
high tibial osteotomy
intertrochanteric osteotomy
intraoperative MRI system
jaw reflex
left ventricular end-diastolic diameter
left ventricular end-diastolic pressure
left ventricular end-systolic diameter
left ventricular filling pressure
left ventricular pressure
liana (plant)
medical surgical nursing
Microsporum canis

Old (replaced) term

These terms become synonyms of the new term

Acanthamoeba cultbersoni
heart atrioventricular valve
Chlamydophila infection
chlamydiasis
null cell adenoma
senile arch
cornea curvature
cornea thickness
computed tomography scanner
computed tomography scanner software
egg shell thickness
neck-shaft angle
heart ventricle pressure
tibia proximal osteotomy
femur intertrochanteric osteotomy
interventional nuclear magnetic resonance scanner
jaw opening reflex
heart left ventricle enddiastolic diameter
heart left ventricle enddiastolic pressure
heart left ventricle endsystolic diameter
heart left ventricle filling pressure
heart left ventricle pressure
liana
surgical nursing
Arthroderma otae

Emtree Terms Changed in September 2022 | 16

Microsporum cookei	Arthroderma cajetani
Microsporum fulvum	Arthroderma fulvum
MRI scanner	nuclear magnetic resonance scanner
MRI scanner software	nuclear magnetic resonance scanner software
Mycoplasma infection	mycoplasmosis
regulon (genetics)	regulon
right ventricular pressure	heart right ventricle pressure
torsade de pointes	torsade des pointes
Trichophyton benhamiae	Arthroderma benhamiae
ventricular end diastolic pressure	heart ventricle enddiastolic pressure