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## Emtree Terms Added and Changed (September 2024)

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

Overall, Emtree has grown by 553 preferred terms (57 drug terms and 496 non-drug terms) compared with the previous version released in May 2024. In total Emtree now counts 100283 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 2024

604 new terms (including 51 replacement terms and promoted synonyms) have been added to Emtree as preferred terms in version September 2024 (compared to May 2024):

- 70 drug terms (terms assigned to the Chemicals and Drugs facet).
- 534 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 September 2024

51 terms (38 drug terms and 13 non-drug terms) from Emtree May 2024 have been replaced by 49 different terms in September 2024 (12 drug terms and 37 non-drug terms).

Of these, 47 terms (10 drug terms and 37 non-drug terms) are new (e.g. new generic names for drug chemical names) and have been assigned creation date 2024; the remaining 2 replacement terms (2 drug terms and 0 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

aciduria  
actinium dotatate ac 225  
alpha tocopherol plus carnitine plus taurine plus  
ubidecarenone  
alxn2220  
am 1476  
apadamtase alfa plus cinaxadamtase alfa  
arct 032  
arct 810  
ascorbic acid plus paracetamol plus phenylephrine  
atirmociclib  
avian infectious bronchitis avian infectious bursal  
disease avian metapneumovirus avian reovirus  
egg drop syndrome Newcastle disease vaccine  
avian infectious bronchitis avian infectious bursal  
disease avian metapneumovirus avian reovirus  
Newcastle disease vaccine  
avian infectious bronchitis avian  
metapneumovirus egg drop syndrome  
Newcastle disease vaccine  
avian influenza Newcastle disease vaccine  
avibactam plus aztreonam  
benzyl nicotinate plus camphor plus dimethyl  
sulfoxide plus nonivamide plus turpentine oil  
beroterlib  
bovine parainfluenza bovine respiratory syncytial  
virus bovine viral diarrhea infectious bovine  
rhinotracheitis vaccine  
bovine parainfluenza bovine respiratory syncytial  
virus bovine viral diarrhea vaccine  
chikungunya vaccine  
clopenthixol acetate  
deproteinized calf blood extract  
doruxapapogene ralaplasamid plus lalikinogene  
sifuplasamid  
eloralintide  
enlicitide  
etalanetug  
firtecan plus irinotecan  
furosemide plus potassium chloride  
gridegalutamide  
hbi 0101  
hg204  
imneskibart  
imzokitug  
ingitamig  
ismidenon  
istisociclib  
lunlekitug  
lutetium dotatate lu 177  
macitentan plus tadalafil  
maribavir  
mepivacaine plus noradrenalin  
methyl [1 [[6 [(1 cyclopropylethyl)amino] 2  
(pyrazolo[5,1 b][1,3]thiazol 7 yl)pyrimidin 4  
yl]carbonyl]piperidin 4 yl]carbamate  
mevrometostat  
naxtarubicin  
neldaleucel  
nelitolimod  
nicoboxil plus nonivamide  
nms 03592088  
nogapendekin alfa inbakicept  
nvd 003  
ocadusertib  
olomorasib  
oxylanthanum carbonate  
p-htmi  
pasifolate exatecan  
pbas499  
pebezertib  
Pelargonium extract  
polyhexanide  
prgn 2012  
progerinin  
rilogrotug  
ruxoprubart  
salanersen  
selonabant  
shp610  
spinosave  
teprosulfose  
ucart22  
vlx1005  
zelebrudomide

## Non-drug terms

3-hydroxy-3-methylglutaric aciduria  
5:2 diet  
AAV-SARS-CoV-2 (N protein) pseudovirus  
abdominal aortic stent graft  
abdominal aponeurosis  
aberrant artery  
aberrant subclavian artery  
accidental incision  
accidental puncture  
acquired Fanconi syndrome  
acute hepatic porphyria  
acute myeloid leukemia test kit  
acute renal replacement therapy  
adenectomy  
adenylosuccinate lyase deficiency  
affective neuroscience  
Aicardi-Goutieres syndrome  
amygdalectomy  
amygdalohippocampectomy  
anal region  
aneurysm plication  
aneurysmectomy  
anterior lower leg  
aortic arch stent graft  
Aphaenogaster  
aponeurectomy  
APRT deficiency  
arteriovenous stent graft  
artificially sweetened soft drink  
ataxia with vitamin e deficiency  
ATP synthase deficiency  
automated peritoneal dialysis  
autonomic plexus  
awake surgery  
bacterial aneurysm  
bacterial genital infection  
baculum  
Bat SARS-like coronavirus RsSHC014  
baubellum  
beta-ketothiolase deficiency  
bias mitigation  
Bifidobacterium animalis subsp. lactis DSM 10140  
biopsy margin  
bladder infection  
blood cyst  
Bouveret syndrome  
brain dura mater  
brain lobectomy  
broad ligament pregnancy  
bromism  
bullous emphysema  
Byler disease  
Candida bezoar  
carbapenem test kit  
carbohydrate restriction  
cardiac plexus  
cardiovascular dysphagia  
carnitine acylcarnitine translocase deficiency  
central nervous system lymphoma  
centrilobular emphysema  
cerebral decortication  
cerebral folate deficiency  
cervical sympathectomy  
cervicothoracic sympathectomy  
cherry angioma  
chlorine poisoning  
choroid plectomy  
chronic hemodialysis  
chronic intermittent hemodialysis  
chronic myeloid leukemia test kit  
chronic renal replacement therapy  
cisterna chyli  
closed comedo  
combined pulmonary fibrosis and emphysema  
congenital hemidysplasia with ichthyosiform erythroderma and limb defects  
congenital lobar emphysema  
conjoint tendon  
context learning  
continuous capillary (vasculature)  
continuous cycling peritoneal dialysis  
cranial fasciitis  
creatine transporter deficiency  
Crematogaster  
cryptomenorrhea  
cuffitis  
dacryoadenectomy  
dacryocystectomy  
dacryocystoplasty  
decerebellate posturing  
decerebrate posturing  
decorticate posturing  
deep capillary plexus  
demedullation  
deoxyguanosine kinase deficiency  
dermofasciectomy  
dermolipectomy  
diaphragm plication  
diaphragm surgery  
diaphragma sellae  
diet analysis  
diet beverage



diet quality  
diet soda  
diet soft drink  
diet texture  
direct antigen presentation  
disorder of copper metabolism  
disorders of bile acid metabolism and transport  
disorders of biotin metabolism  
disorders of carnitine transport and the carnitine cycle  
disorders of cobalamin metabolism  
disorders of creatine metabolism  
disorders of energy metabolism  
disorders of folate metabolism and transport  
disorders of glucose transport  
disorders of glyoxylate metabolism  
disorders of phenylalanine or tyrosine metabolism  
disorders of purine metabolism  
disorders of pyrimidine metabolism  
disorders of pyruvate metabolism  
disorders of sterol biosynthesis  
disorders of the metabolism of sterols  
disorders of the metabolism of sulphur containing amino acids  
disorders of vitamin metabolism  
driving range anxiety  
drug-induced parkinsonism  
dural injury  
dural puncture (complication)  
dural sac  
dural tear  
durotomy  
dysphagia aortica  
dysphagia lusoria  
dysphagia megalatriensis  
elastosis perforans serpiginosa  
Elizabethkingia anophelis  
Elizabethkingia miricola  
Elodea nuttallii  
emphysematous cystitis  
emphysematous gastritis  
Enterobacter kobei  
Enterococcus test kit  
epidural air  
esophageal food impaction  
esophagogastric junction outflow obstruction  
excoriation (injury)  
exogenous ochronosis  
experimental rabies  
falx cerebelli  
falx cerebri  
familial chylomicronemia syndrome  
familial hypertriglyceridemia  
fasting mimicking diet  
Favre-Racouchot syndrome  
fenestrated capillary  
few shot learning  
fluoride poisoning  
food impaction  
foreign accent syndrome  
frontal lobectomy  
fruit puree  
fumarase deficiency  
galea aponeurotica  
gastric outlet obstruction  
gastroplication  
genital bone  
glansctomy  
glutathione synthetase deficiency  
glycerol kinase deficiency  
glycoproteinoses  
gossip  
halogen poisoning  
halogenoderma  
hemocele  
hematosalpinx  
hemicerebellectomy  
hemipancreatectomy  
hepatic plexus  
hepatocerebral mitochondrial DNA depletion syndrome  
hereditary haemochromatosis  
heterozygous familial hypercholesterolemia  
hippocampectomy  
HIV-1 SARS-CoV (S-protein) pseudovirus  
hydrodebridement  
hydrosurgery  
hymenectomy  
hymenotomy  
hypercontractile esophagus  
hypertensive urgency  
hypochondrial pain  
hypothalamectomy  
hysteroscopic surgery  
ileum obstruction  
Imerslund Grasbeck syndrome  
imperforate hymen  
incidental durotomy  
infantile nephropathic cystinosis  
inferior hypogastric plexus  
infraclavicular region  
inframammary fold  
inframammary region  
inherited hypertriglyceridaemias  
intermittent hemodialysis  
intermittent peritoneal dialysis  
internal vertebral venous plexus  
interstitial dendritic cell



interstitial emphysema  
intracranial stent graft  
intravascular fasciitis  
intrinsic factor deficiency  
involved margin  
iodine poisoning  
iododerma  
ischemic fasciitis  
jejunum obstruction  
juvenile gout  
kidney medulla necrosis  
lacrimal surgery  
lactobezoar  
latrodectism  
left hypochondrial pain  
Leptospira interrogans serovar Hardjo  
Leptospirillum ferriphilum  
Leptospirillum ferrooxidans  
limited fasciectomy  
loxoscelism  
lumbar plexus  
lymph capillary  
lymphangion  
lymphatic plexus  
lymphomatous meningitis  
Lysinibacillus fusiformis  
lysosomal glycogen storage disease  
macrocomedo  
macropinosome  
mammary region  
mashed potato  
mechanobiology  
medical racism  
melodic intonation therapy  
methylcrotonyl-CoA carboxylase deficiency  
methylglutaconic aciduria  
microcomedo  
Mohr-Tranebjaerg syndrome  
Mpox virus test kit  
mucosectomy  
myoadenylate deaminase deficiency  
myofasciitis  
myopathic mitochondrial DNA depletion syndrome  
necrotizing glomerulonephritis  
neonatal haemochromatosis  
neural therapy  
neurodiverse person  
neuroleptic induced parkinsonism  
neuromyositis  
neurosurgical complication  
neurotypical person  
nevus comedonicus  
nodular fasciitis  
nomophobia  
nonprofessional antigen presenting cell  
occipital horn syndrome  
occipital lobectomy  
olfactory reference syndrome  
oligosaccharidoses  
open comedo  
orbital emphysema  
organic acidurias  
oxidative phosphorylation deficiency  
palpebral emphysema  
pampiniform plexus  
panlobular emphysema  
Papiliotrema  
parametrectomy  
paraseptal emphysema  
partial adrenalectomy  
partial pancreatectomy  
partial parotidectomy  
pectoral region  
pediatric acute liver failure  
pelvic hematocele  
penile plication  
penis surgery  
percutaneous heart valve bioprosthesis  
perianal excoriation  
periarterial space  
peripheral artery stent graft  
peristomal infection  
peristomal pyoderma gangrenosum  
periumbilical pain  
perivenous space  
peroxisomal alpha,beta,omega oxidation disorders  
peroxisomal disorder  
peroxisomal storage disorder  
Pheidole  
phosphoglycerate dehydrogenase deficiency  
pinosome  
plantar fascia  
plexectomy  
pneumobilia  
pneumolabyrinth  
pneumorrhachis  
pneumosrotum  
point mutations in mitochondrial dna  
Pontederia subgen. Oshunae  
Pontederia subgen. Pontederia  
posterior lower leg  
pouchitis  
precordial region  
primary carnitine deficiency  
processed beverage  
professional antigen presenting cell  
progressive familial intrahepatic cholestasis type 2

progressive familial intrahepatic cholestasis type 3  
proliferative fasciitis  
prompt engineering  
pterygoid plexus  
pubic pain  
pubic region  
public speaking anxiety  
pulmonary plexus  
punctoplasty  
pureed diet  
pureed food  
pyruvate kinase deficiency  
query design  
rapid onset dystonia parkinsonism  
Rasmussen aneurysm  
recalcitrant wart  
refractory inflammation  
renal plexus  
resectoscopic surgery  
responsible artificial intelligence  
Rickettsia montanensis  
right hypochondrial pain  
right lymphatic duct  
robot assisted thoracoscopic lobectomy  
robot assisted thoracoscopic surgery  
rVSV deltaG-SARS-CoV-2 (D614G) pseudovirus  
rVSV deltaG-SARS-CoV-2 (lineage B.1.427)  
pseudovirus  
sacral plexus  
salivary gland surgery  
Salla disease  
SARS coronavirus 2 (Wuhan-Hu-1) (S protein)  
pseudotyped VSV  
SARS coronavirus 2 Omicron (lineage BA.2) (S  
protein) pseudotyped VSV  
SARS-CoV pseudotyped VSV  
SARS-CoV-2 (BetaCoV/Munich/BavPat1/2020) (S  
protein) pseudotyped VSV  
SARS-CoV-2 (clinical isolate Ank1)  
SARS-CoV-2 (clinical isolate SB3)  
SARS-CoV-2 (clinical isolate  
SP02/human/2020/BRA)  
SARS-CoV-2 (D614G) (S protein) pseudotyped  
Lentivirus  
SARS-CoV-2 (D614G) (S protein) pseudovirus  
SARS-CoV-2 (D614G) (S protein-deltaC19)  
pseudotyped MLV  
SARS-CoV-2 (hCoV-19/Canada/ON-ON-VIDO-01-  
2/2020)  
SARS-CoV-2 (hCoV-19/England/BRS-UoB-64/2022)  
SARS-CoV-2 (hCoV-19/Harbin/HRB-25/2020)  
SARS-CoV-2 (hCoV-19/Japan/TKYS02037/2022)  
SARS-CoV-2 (hCoV-19/Russia/MOS-SRC-  
49415/2022)

SARS-CoV-2 (hCoV-19/Russia/Omsk202118-1707-  
/2020)  
SARS-CoV-2 (hCoV-19/Russia/SAK-SRC-8527/2023)  
SARS-CoV-2 (hCoV-19/Russia/TOM-SRC-  
8663/2023)  
SARS-CoV-2 (hCoV-19/Switzerland/VD-  
GEN3159/2021)  
SARS-CoV-2 (isolate FIN1/20)  
SARS-CoV-2 (K417N, E484K, N501Y, D614G) (S  
protein) pseudovirus  
SARS-CoV-2 (lineage AY.2)  
SARS-CoV-2 (lineage B.1.351) (S protein)  
pseudotyped VSV deltaG  
SARS-CoV-2 (lineage B.1.617) (S protein)  
pseudotyped VSV deltaG  
SARS-CoV-2 (lineage BA.1) (E166V)  
SARS-CoV-2 (lineage BA.1) (L50F/E166A/L167F)  
SARS-CoV-2 (lineage BA.1) (L50F/E166V)  
SARS-CoV-2 (lineage BA.1) (T21I)  
SARS-CoV-2 (lineage BA.1) (T21I/E166V)  
SARS-CoV-2 (lineage BA.2.3)  
SARS-CoV-2 (N protein) pseudovirus  
SARS-CoV-2 (S protein (N501Y)) pseudovirus  
SARS-CoV-2 (S protein ct19) pseudovirus  
SARS-CoV-2 (S protein d21) pseudotyped  
Vesiculovirus deltaG  
SARS-CoV-2 (S protein d21) pseudotyped VSV  
deltaG  
SARS-CoV-2 (S protein d21) pseudovirus  
SARS-CoV-2 (S protein del18) pseudotyped VSV  
SARS-CoV-2 (S protein) pseudotyped Lentivirus  
SARS-CoV-2 (S protein) pseudotyped MLV  
SARS-CoV-2 (S protein) pseudotyped VSV  
SARS-CoV-2 (S protein) pseudotyped VSV deltaG  
SARS-CoV-2 (S protein) pseudovirus  
SARS-CoV-2 (strain hCoV-19/Taiwan/NTU49/2020)  
SARS-CoV-2 (strain MA30)  
SARS-CoV-2 (strain N501Y-MA30)  
SARS-CoV-2 (USA/WA1/2020) Nsp5 (E166V)  
SARS-CoV-2 (USA/WA1/2020) Nsp5  
(L50F/E166A/L167F)  
SARS-CoV-2 (USA/WA1/2020) Nsp5 (L50F/E166V)  
SARS-CoV-2 (USA/WA1/2020) Nsp5 (T21I)  
SARS-CoV-2 (USA/WA1/2020) Nsp5 (T21I/E166V)  
SARS-CoV-2 (Wuhan Hu-1 S protein) pseudotyped  
Lentivirus  
SARS-CoV-2 (Wuhan/WH04//2020)  
SARS-CoV-2 Alpha (hCoV-  
19/England/204690005/2020)  
SARS-CoV-2 Alpha (S protein) pseudotyped VSV  
deltaG  
SARS-CoV-2 Alpha (S protein) pseudovirus  
SARS-CoV-2 Alpha (S protein-deltaC19)  
pseudotyped MLV



SARS-CoV-2 B.1 (hCoV-19/Italy/LOM-  
UniMI32/2020)  
SARS-CoV-2 Beta (20HY) (S protein) pseudovirus  
SARS-CoV-2 Beta (hCoV-  
19/England/205280030/2020)  
SARS-CoV-2 Beta (S protein) pseudovirus  
SARS-CoV-2 Beta (V1 S protein) pseudovirus  
SARS-CoV-2 Beta (V2 S protein) pseudovirus  
SARS-CoV-2 Beta (V3 S protein) pseudovirus  
SARS-CoV-2 BQ.1.1 (hCoV-19/Italy/UMB-UNISI-  
883/2022)  
SARS-CoV-2 Delta (860-J1)  
SARS-CoV-2 Delta (AY.117) (S protein)  
pseudotyped VSV  
SARS-CoV-2 Delta (S protein) pseudotyped  
Lentivirus  
SARS-CoV-2 Delta (S protein) pseudovirus  
SARS-CoV-2 Delta (S protein-deltaC19)  
pseudotyped MLV  
SARS-CoV-2 Epsilon (S protein) pseudovirus  
SARS-CoV-2 Epsilon pseudovirus  
SARS-CoV-2 Gamma (hCoV-19/England/520336 B1  
P0/2021)  
SARS-CoV-2 Gamma (S protein) pseudovirus  
SARS-CoV-2 Gamma (S protein-deltaC19)  
pseudotyped MLV  
SARS-CoV-2 Iota (S protein) pseudovirus  
SARS-CoV-2 Iota pseudovirus  
SARS-CoV-2 Lambda (S protein) pseudovirus  
SARS-CoV-2 Lambda pseudovirus  
SARS-CoV-2 lineage B.1.1 (strain JP/Hiroshima-  
46059T/2020)  
SARS-CoV-2 lineage B.1.617 (S protein)  
pseudovirus  
SARS-CoV-2 Omicron (lineage BA.1) (S protein)  
pseudotyped VSV  
SARS-CoV-2 Omicron (lineage BA.1) (S protein)  
pseudovirus  
SARS-CoV-2 Omicron (lineage BA.2) (S protein)  
pseudovirus  
SARS-CoV-2 Omicron (lineage BA.4) (S protein)  
pseudovirus  
SARS-CoV-2 Omicron (lineage BA.4/BA.5) (S  
protein) pseudovirus  
SARS-CoV-2 Omicron (S protein) pseudotyped  
Lentivirus  
SARS-CoV-2 Omicron (S protein) pseudovirus  
SARS-CoV-2 pseudotyped AAV  
SARS-CoV-2 pseudotyped Lentivirus  
SARS-CoV-2 pseudotyped MLV  
SARS-CoV-2 pseudotyped VSV  
SARS-CoV-2 pseudotyped VSV deltaG  
Schatzki ring  
Schindler disease  
scorpion envenomation  
scratch wound  
scrotal hydrocele  
scrotal hematoma  
scrotal hydrocele  
sectionectomy  
segmental pancreatectomy  
self love  
senile elastosis  
sepiapterin reductase deficiency  
sialoadenectomy  
skeletal fluorosis  
skin excision  
smoothie  
snake envenomation  
social neuroscience  
Sphecidae  
sphincter surgery  
sphincterectomy  
spider envenomation  
spinal dura mater  
spinal plexus  
sternal region  
stoma complication  
Streptococcus alactolyticus  
subclavian artery disease  
subclavian artery malformation  
subclavian artery occlusion  
subclavian artery stenosis  
subdural air  
subdural space  
sublingual gland excision  
submandibular gland excision  
sucrase isomaltase deficiency  
sugar-sweetened soda  
sugar-sweetened soft drink  
sulfite oxidase deficiency  
superficial capillary plexus  
superior hypogastric plexus  
superior mesenteric artery syndrome  
supplementary motor area syndrome  
suprapubic pain  
suprapubic region  
surgical plication  
survivor guilt  
sweetened carbonated beverage  
sweetened soft drink  
syndrome of irreversible lithium effectuated  
neurotoxicity  
Tapinoma  
Tetramorium  
texture modified diet  
texture modified food  
theoretical neuroscience



thiamine-responsive megaloblastic anemia syndrome

thickened beverage

thickened liquid diet

thoracic aortic stent graft

thoracic laminectomy

thoracolumbar sympathectomy

thoroscopic surgery

thoroscopic sympathectomy

thyroid toxicity

tooth exfoliation

total adrenalectomy

total hepatectomy

total pancreatectomy

total pancreatectomy with islet autotransplantation

TPMT deficiency

transcobalamin II deficiency

trigonitis

tumor margin

tumor-close margin

tumor-free margin

ultra-processed beverage

ureter anastomosis

ureterocolostomy

ureteroenterostomy

ureteroileostomy

urogenital region

uterine cervix ectopy

V79-122D1 cell line

vaginal septum

vanishing lung

vegetable puree

veiled cell

venom-induced consumption coagulopathy

venous plexus

venous stent graft

vertebral venous plexus

vestibulectomy

visual decortication

VSV-SARS-CoV (S protein) pseudovirus

vulnerability assessment

X linked dystonia parkinsonism

X-linked adrenoleukodystrophy

X-linked protoporphyria

Zellweger spectrum disorder



## Drug terms

### New or pre-existing term

*\* indicates pre-existing term*

acetic acid\*  
apadamtase alfa plus cinaxadamtase alfa  
deproteinized calf blood extract  
deproteinized calf blood extract  
enlicitide  
ersodetug\*  
lutetium dotatate lu 177  
maribavir  
naxtarubicin  
nicoboxil plus nonivamide  
nogapendekin alfa inbakicept  
Pelargonium extract  
polyhexanide

### Old (replaced) term

*These terms become synonyms of the new term*

vosol  
tak 755  
actovegin  
solcoseryl  
enlicitide chloride  
xoma 358  
oxodotreotide lutetium lu 177  
benzimidavir  
annamycin  
finalgon  
inbakicept  
Pelargonium sidoides extract  
poly(hexamethylenebiguanide)

## Non-drug terms

### New or pre-existing term

*\* indicates pre-existing term*

percutaneous heart valve bioprosthesis  
peroxisomal disorder  
pneumorrhachis  
SARS coronavirus 2 (Wuhan-Hu-1) (S protein)  
pseudotyped VSV  
SARS coronavirus 2 Omicron (lineage BA.2) (S protein) pseudotyped VSV  
SARS-CoV-2 (BetaCoV/Munich/BavPat1/2020) (S protein) pseudotyped VSV  
SARS-CoV-2 (D614G) (S protein) pseudotyped Lentivirus  
SARS-CoV-2 (D614G) (S protein) pseudovirus  
SARS-CoV-2 (K417N, E484K, N501Y, D614G) (S protein) pseudovirus  
SARS-CoV-2 (S protein ct19) pseudovirus  
SARS-CoV-2 (S protein d21) pseudovirus  
SARS-CoV-2 (S protein) pseudotyped VSV  
  
SARS-CoV-2 (S protein) pseudovirus  
SARS-CoV-2 (Wuhan Hu-1 S protein) pseudotyped Lentivirus  
SARS-CoV-2 Alpha (S protein) pseudovirus  
SARS-CoV-2 Beta (20HY) (S protein) pseudovirus  
SARS-CoV-2 Beta (S protein) pseudovirus  
SARS-CoV-2 Beta (V1 S protein) pseudovirus  
SARS-CoV-2 Beta (V2 S protein) pseudovirus  
SARS-CoV-2 Beta (V3 S protein) pseudovirus  
SARS-CoV-2 Delta (AY.117) (S protein) pseudotyped

### Old (replaced) term

*These terms become synonyms of the new term*

percutaneous heart valve bioprosthesis  
disorders of peroxisomal functions  
pneumorachis  
SARS-CoV-2 (Wuhan-Hu-1) S-pseudotyped VSV  
  
SARS-CoV-2 (lineage BA.2 S protein) pseudotyped VSV  
SARS-CoV-2 (BetaCoV/Munich/BavPat1/2020 S protein) pseudotyped VSV  
SARS-CoV-2 S (D614G) pseudotyped lentivirus  
  
SARS-CoV-2 pseudovirus (spike protein (D614G))  
SARS-CoV-2 pseudovirus (spike protein (K417N, E484K, N501Y, D614G))  
SARS-CoV-2 S pseudovirus (ct19)  
SARS-CoV-2 pseudovirus (spike S protein d21)  
SARS-CoV-2 S-pseudotyped vesicular stomatitis virus  
SARS-CoV-2 S pseudovirus  
SARS-CoV-2 (Wuhan Hu-1 spike protein) Lentivirus pseudoparticle  
SARS-CoV-2 Alpha (spike protein) pseudovirus  
SARS-CoV-2 Beta (20HY)-S pseudovirus  
SARS-CoV-2 Beta (S-protein) pseudotyped virus  
SARS-CoV-2 Beta V1-S pseudovirus  
SARS-CoV-2 Beta V2-S pseudovirus  
SARS-CoV-2 Beta V3-S pseudovirus  
SARS-CoV-2 Delta (AY.117 S protein) pseudotyped



VSV  
SARS-CoV-2 Delta (S protein) pseudotyped  
Lentivirus  
SARS-CoV-2 Delta (S protein) pseudovirus  
SARS-CoV-2 Epsilon (S protein) pseudovirus  
SARS-CoV-2 Gamma (S protein) pseudovirus  
SARS-CoV-2 Iota (S protein) pseudovirus  
SARS-CoV-2 Lambda (S protein) pseudovirus  
SARS-CoV-2 Omicron (lineage BA.1) (S protein)  
pseudotyped VSV  
SARS-CoV-2 Omicron (lineage BA.1) (S protein)  
pseudovirus  
SARS-CoV-2 Omicron (lineage BA.2) (S protein)  
pseudovirus  
SARS-CoV-2 Omicron (lineage BA.4) (S protein)  
pseudovirus  
SARS-CoV-2 Omicron (lineage BA.4/BA.5) (S  
protein) pseudovirus  
SARS-CoV-2 Omicron (S protein) pseudotyped  
Lentivirus  
SARS-CoV-2 Omicron (S protein) pseudovirus  
SARS-CoV-2 pseudotyped MLV  
SARS-CoV-2 pseudotyped VSV deltaG  
  
SARS-CoV-2 pseudotyped VSV deltaG  
  
scrotal hydrocele

VSV  
SARS-CoV-2 Delta (Spike protein) pseudotyped  
lentivirus  
SARS-CoV-2 Delta pseudovirus (S protein)  
SARS-CoV-2 Epsilon pseudovirus (spike protein)  
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 (S  
protein)  
SARS-CoV-2 Omicron (lineage BA.2) pseudovirus (S  
protein)  
SARS-CoV-2 Omicron (lineage BA.4) pseudovirus (S  
protein)  
SARS-CoV-2 Omicron (lineage BA.4/BA.5)  
pseudovirus (S protein)  
SARS-CoV-2 Omicron (Spike protein) pseudotyped  
lentivirus  
SARS-CoV-2 Omicron pseudovirus (S protein)  
SARS-CoV-2 MLV pseudovirusparticle  
SARS-CoV-2 (rVSVdeltaG-GFP/SARS2-S)  
pseudotyped VSV  
SARS-CoV-2 (rVSVdeltaG-GFP/VSVG) pseudotyped  
VSV  
hydrocele