Emtree Terms Added and Changed (September 2014)

This is an overview of new terms added and changes made in the third Emtree release in 2014.

Overall, Emtree has grown by 767 preferred terms (123 drug terms and 644 non-drug terms) compared with the previous version released in May 2014. In total Emtree now counts 70,158 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 2014

811 new terms (including 44 replacement terms and promoted synonyms) have been added to Emtree as preferred terms in version September 2014 (compared to May 2014):

- 150 drug terms (terms assigned to the Chemicals and Drugs facet).
- 661 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 2014 (typically as candidate terms), sometimes for several years, before they were added to Emtree.

Emtree Terms Changed in September 2014

44 terms (17 drug terms and 27 non-drug terms) from Emtree May 2014 have been <u>replaced</u> by 42 different terms in September 2014 (13 drug terms and 29 non-drug terms).

Of these, 28 terms (7 drug terms and 21 non-drug terms) are new (e.g. new generic names for drug chemical names) and have been assigned creation date 2014; the remaining 14 replacement terms (6 drug terms and 8 non-drug terms) were already present in Emtree.

10 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

- (2,4 dihydroxy 5 isopropylphenyl)[5 [(4 methyl 1 piperazinyl)methyl] 2 isoindolinyl]methanone 1 (2,2 difluoro 1,3 benzodioxol 5 yl) n [1 (2,3 dihydroxypropyl) 6 fluoro 2 (2 hydroxy 1,1 dimethylethyl) 1h indol 5 yl]cyclopropanecarboxamide
- 1 [6 (2 carboxy 1 pyrrolidinyl) 6 oxohexanoyl] 2 pyrrolidinecarboxylic acid
- 1 butyl 3 (1 naphthoyl)indole
- 2 amino 8 [4 (2 hydroxyethoxy)cyclohexyl] 6 (6 methoxy 3 pyridinyl) 4 methylpyrido[2,3 d]pyrimidin 7(8h) one
- 2 methoxy n (1,2,3,4 tetrahydro 3 methyl 2 oxo 6 quinazolinyl)benzenesulfonamide
- 3 (2 amino 5 benzoxazolyl) 1 isopropyl 1h pyrazolo[3,4 d]pyrimidin 4 amine
- 3 (2,6 dichloro 3,5 dimethoxyphenyl) 1 [6 [[4 (4 ethyl 1 piperazinyl)phenyl]amino] 4 pyrimidinyl] 1 methylurea
- 3 (4 chlorophenyl) n (4
 - pyridinylmethyl)adamantane 1 carboxamide
- 3 aminomethyl 1,3 dihydro 1 hydroxy 7 (3 hydroxypropyl) 2,1 benzoxaborole
- 3 cyclopentyl n' [5 fluoro 2 methyl 6 (octahydropyrazino[2,1 c][1,4]oxazin 8 yl) 4 pyrimidinyl] 2 (n formyl n hydroxyaminomethyl)propionohydrazide
- 4 (4 chlorophenyl) 2,3,9 trimethyl 6h thieno[3,2 f][1,2,4]triazolo[4,3 a][1,4]diazepine 6 acetic acid tert butyl ester
- 4 (4 chlorophenyl) n (4 hydroxyphenyl) 2,3,9 trimethyl 6h thieno[3,2 f][1,2,4]triazolo[4,3 a][1,4]diazepine 6 acetamide
- 4 [(5 phenyl 1,3,4 thiadiazol 2 yl)oxy] 1 azoniatricyclo[3.3.1.1 3,7]decane 3,4 dicarboxy 3 hydroxybutanoate
- 4 [7 [6 cyano 5 (trifluoromethyl) 3 pyridinyl] 8 oxo 6 thioxo 5,7 diazaspiro[3.4]octan 5 yl] 2 fluoro n methylbenzamide
- 4,5,6,7 tetrahydro 11 methoxy 1h cyclopenta[a]pyrrolo[3,4 c]carbazole 1,3(2h)
- 5 (4,6 dimethyl 1h benzimidazol 2 yl) 4 methyl n [3 (1 methyl 4 piperidinyl)propyl] 2 pyrimidinamine
- 6 (4 chlorophenyl) n ethyl 8 methoxy 1 methyl 4h [1,2,4]triazolo[4,3 a][1,4]benzodiazepine 4 acetamide
- 6 [4 (1 piperazinyl)phenyl] 3 (4 quinolinyl)pyrazolo[1,5 a]pyrimidine
- 7 (3,5 dimethyl 4 isoxazolyl) 1,3 dihydro 8 methoxy 1 [1 (2 pyridinyl)ethyl] 2h imidazo[4,5 c]quinolin 2 one

- 7 oxo n (4 piperidinyl) 1,6 diazabicyclo[3.2.1]octane 2 carboxamide 7,8 dihydro 2 [4 (trifluoromethyl)phenyl] 5h
 - thiopyrano[4,3 d]pyrimidin 4 ol
- [2 (4 tert butyl 2 ethoxyphenyl) 4,5 bis(4 chlorophenyl) 4,5 dihydro 4,5 dimethyl 1h imidazol 1 yl][4 [3 (methylsulfonyl)propyl] 1 piperazinyl]methanone
- [2 [[5 chloro 2 [[4 [4 (dimethylamino) 1 piperidinyl] 2 methoxyphenyl]amino] 4 pyrimidinyl]amino]phenyl]dimethylphosphine

abacavir plus dolutegravir plus lamivudine acetamiprid

aclidinium bromide plus formoterol fumarate

acorafloxacin acumapimod

advanced glycation end product receptor

affecting agent

advanced glycation end product receptor

antagonist albenatide

aldehyde dehydrogenase isoenzyme 1

amlodipine plus ramipril

apn 311

atazanavir plus cobicistat

azeliragon bacterial extract basmisanil begelomab bms 936559

bromodomain inhibitor

bromosporine brontictuzumab butylphthalide capmatinib

carbon nanoparticle cefalexin plus kanamycin

cefilavancin

ceftolozane plus tazobactam

cerdulatinib

chimeric antigen receptor

citric acid plus magnesium oxide plus picosulfate sodium

clothianidin

cobicistat plus darunavir

cord blood hematopoietic stem cell extract

cyclic pyranopterin phosphate

dagrocorat dalazatide dapaconazole

denintuzumab mafodotin diclofenac etalhyaluronate diclofenac plus thiocolchicoside dinotefuran netupitant plus palonosetron

dorgenmeltucel L nitenpyram dorsomorphin nithiazine dutetrabenazine odalasvir edotreotide lu 177 olipudase alfa eflapegrastim omipalisib efpeglenatide paritaprevir emactuzumab pasotuxizumab emibetuzumab patidegib enadenotucirev pegcrisantaspase

epigenetic reader domain inhibitor pegvaliase

ertugliflozin plus metformin potassium chloride cotransporter 2

estradiol plus prednisolone presatovir evofosfamide pyriprole firivumab r 1507 funapide rabacfosadine

furaprevir ragweed pollen extract

gintuit rapastinel

girentuximab i 131 recombinant beta glucuronidase

gsk 2398852 relenopride histone deacetylase 10 revusiran

histone deacetylase 11 ribociclib histone deacetylase 9 rimiducid idasanutlin riofilcon A imalumab rociletinib insulin degludec plus liraglutide savolitinib

irbinitinib sembragiline

lamivudine plus raltegravir sodium zirconium cyclosilicate

ledipasvir plus sofosbuvir soybean extract lemborexant tankyrase inhibitor

lenzilumab tepotinib

lincomycin plus spectinomycin tetulomab tetraxetan lutetium lu 177

lumretuzumab thiacloprid lutetium chloride lu 177 thiamethoxam

tisagenlecleucel T merotocin mibenratide tradipitant

modimelanotide transcription activator like effector nuclease

mongersen tripeptidyl peptidase I

n [2 [3 (1 piperazinylmethyl)imidazo[2,1 b]thiazol ulixertinib 6 yl]phenyl] 2 quinoxalinecarboxamide vanucizumab n [3 [[5 chloro 2 [[2 methoxy 4 (4 methyl 1 velpatasvir

piperazinyl)phenyl]amino] 4 verinurad pyrimidinyl]oxy]phenyl]acrylamide vesigenurtucel L napabucasin vonapanitase neonicotinoid xen 402

Non-drug terms

A549 cell line bacterial disease CLIA

abdominal circumference bacterial disease immunofluorescence assay kit

absorption half-life bacterial structures

acid dissociation constant Bahamian

action potential duration Bahraini Adventist balloon catheterization balloon migration **Afghan**

African Bangladeshi age related macular degeneration **Baptism**

Agnostic **Baptist** Akan (people) Barbadian

Albanian (citizen) bare metal stenting Algerian base dissociation constant

Algonkian people bdelloid rotifer Algonquin (people) Bedouin

allergy CLIA Belarusian (citizen) allergy ELISA Belarusian (people) Alternanthera Belgian

Alternanthera philoxeroides Belizean Alternanthera sessilis Beninese American Berberis vulgaris

Bhutanese

American Samoan

biodegradable fixation fastener Anabaptist Andean Amerind people BioMed Central

blood cancer cell Anglican Angolan blood cell ratio

antibody secreting cell **Bolivian**

Antillean bone marrow derived dendritic cell Apache (people) bone marrow derived macrophage apgar timer bone marrow derived mast cell

apparent distribution volume bone marrow derived mesenchymal stem cell bone marrow derived mononuclear cell

Buddhist

Arawak Argentinian bone marrow osteoclast cell argon plasma laser bone marrow progenitor cell Arikara (people) bone marrow stroma cell

Armenian (citizen) Bosniak (people) artificial heart pacemaker failure Bosnian (citizen) artificial lipid membrane Bowes melanoma cell

Asian continental ancestry group Brachionus

Brachionus calyciflorus

auditory brain stem implantation Brachionus plicatilis

Australian Brazilian Austrian breast density

autoimmune disease immunofluorescence assay breast implant rupture

British citizen kit autoimmune thyroiditis CLIA Briton Auxenochlorella Buddhism

Auxenochlorella protothecoides

Avicennia marina Bulgarian (citizen) Aymara (people) Bulgarian (people) Azerbaijani Burkinabe

Aztec (people) Burmese B cell lymphoma cell c peptide CLIA

Bacillus halodurans C reactive protein CLIA

Caddoan people Cree (people) calprotectin ELISA kit Croat (people) Calvinist Croatian (citizen)

camel milk Cuban Cameroonian Cypriot Campylobacter concisus Czech (citizen) Canadian Czech (people) Canadian Aboriginal Dane (people) cardiac marker CLIA Danish citizen

cardiac output monitor dermal microvascular endothelial cell

cardiac stem cell device failure

cardiac troponin 1 CLIA device failure analysis cardiorespiratory fitness device maintenance Carib (people) diagnostic radiologist Caribbean digital slide scanner Caribbean (person) distribution half-life

catheter fracture Dominican (Dominica)

catheter migration Dominican (Dominican Republic)

Catholic double J stent Catholicism driveline infection Celosia argentea

drug eluting cardiovascular stent cemented prosthesis drug eluting coronary stent drug eluting digestive stent Central African Central American drug eluting nitinol stent

Central Asian drug eluting tracheobronchial stent

Central European drug eluting ureter stent cerebellum cell drug eluting urethral stent Chadian (citizen) Dutchman

chemiluminescence immunoassay kit East African Cherokee (people) East Asian Chibcha (people) East Slav

Chibchan-Paezan people Eastern European Chilean Eastern Orthodox

Chinese Biomedical database Eastern Orthodoxy

Chippewa (people) EC50 chloroplast membrane Ecuadorean Choctaw (people) Egyptian **Christian Science**

electrode catheter Christianity electrode implantation chromogenic protein C assay kit elimination half-life Chrysomya bezziana elimination rate constant

Chrysomya megacephala Emirati

Church of Jesus Christ of Latter-day Saints endoplasmic reticulum membrane

endoprosthesis fracture citizen group

citizen of the Central African Republic endoscopic suture system

clot timer Englishman **CNKI** database enzyme kinetic assay

cochlear implantation **Epinephelus**

Epinephelus coioides Colombian competitive binding assay erbium chromium YSGG laser

Confucian Eriocheir

Confucianism Eriocheir sinensis

Congolese (Brazzaville) Eritrean

Congolese (Kinshasa) Estonian (citizen)

Cook Islander Ethiopian coronary stenting EU citizen Costa Rican eucommia

IC50 eucommia ulmoides European Icelander

Evangelicalist immunofluorescence assay kit

Exiguobacterium implant inflammation

farnesylation Indonesian

infectious disease CLIA Faroese female to male transgender inhibition constant ferritin CLIA inner hair cell fertility CLIA inner membrane

fibrosarcoma cell insulin CLIA Fijian interventional neuroradiologist

Filipino (citizen) interventional radiologist Finn (citizen) intestinal stem cell

Finn (people) intrinsic activity fluorescence imaging system intrinsic clearance Iranian (citizen) food waste

foot prosthesis Iraqi

formylation Irish (citizen) French Polynesian Iroquois (people)

Frenchman Islam Gabonese Israeli Gambian Italian (citizen)

Ivorian (citizen) Ganda (people) gas chromatograph Jamaican

Georgian (citizen) Japanese (citizen) German (citizen) Jivaro (people) Ghanaian Jordanian golgi membrane Judaism

Great Lakes Bantu people Kaingang (people) Greek (citizen) Kamba (people) growth deficiency CLIA Kazakhstani

Guarani (people) Kenyan Guatemalan kenyon cell Guianese Kikuyu (people) Guinean knee brace

knee resurfacing device Gusii (people)

Guyanese Kongo (people) Haitian Kosovar haplogroup Kuwaiti Hawaiian (citizen) Kyrgyz (citizen) Lakota (people)

Hazara heat pain threshold LAMP system

Hehe (people) Laotian hepatic progenitor cell Latter-day Saint Herero (people) Latvian (citizen)

Hill coefficient LC50

Hindu lead fracture Hinduism leatherback turtle

histone demethylation Lebanese **HIV CLIA** Lett (people)

HIV ELISA Lewis lung carcinoma cell

Honduran Liberian Hopi (people) Libyan

Huichol (people) Ligustrum lucidum Hungarian (citizen) liposarcoma cell liposome membrane Hutterite Hutu (people) liquid chromatograph

neuroradiologist

Lithuanian (citizen) Nauruan Lithuanian (people) **Nepalese**

Lutheran

Macedonian (citizen) neutrophil lymphocyte ratio

Macedonian (people) New Caledonian macular degeneration New Zealander macular edema Nguni people magnesium intake Nicaraguan makgeolli Nigerian

Malagasy (citizen) Nigerien Malawian Nigrospora Nitrospira Malaysian

male to female transgender Nitrospirae Malian non small cell lung cancer

Maltese (citizen) North African

mantle cell lymphoma cell North American Mapuche (people) North Germanic people

Marshallese North Korean

Mauritanian North-Central Amerind people

Northeast Bantu people Mauritian maximum binding capacity Northern European maximum reaction velocity Northern Irish Mayo (people) Norwegian (citizen)

Mazahua (people) Norwegian (people) Mazatec (people) Nosema apis mechanical valve needleless connector Nosema bombycis

medical device contamination Nosema ceranae Oceanian

medullary thyroid carcinoma cell Melanesian Oji-Cree (people) Mennonite Ojibway (people)

metabolic ratio Omani

metal implant Opuntia ficus-indica metallic implant corrosion oral clearance

Methodist Oto-Manguean people Mexican Otomi (people) microcalorimeter outer hair cell

Ovambo (people) microdensitometer Micronesian pacemaker implantation

mineral supplementation pacemaker mediated tachycardia

minimum plasma concentration pain intensity

mitochondrial haplogroup pain severity Pakistani Mixtec (people) Palauan Mohawk (people) Mongolian (citizen) Panamanian

monogonont rotifer papillary thyroid carcinoma cell

mononucleosis test kit Papua New Guinean

Mormon Paraguayan parasitic disease CLIA Mormonism

parasitology immunofluorescence assay kit Moroccan Mozambican patient history of coronary angioplasty

patient history of coronary artery bypass graft muscle stem cell

Muscogee (people) patient history of dental surgery

PCE/NCE (erythrocyte) musculoskeletal radiologist Muslim peak systolic velocity

Nahua Pedi (people) pediatric radiologist Namibian

nasal packing **PEDro**

penile extender Penutian people persistent organic pollutant

Peruvian Piaroa (people)

Pima (people) plaque forming cell assay plastid membrane platelet lymphocyte ratio

platelet-rich plasma cell Pole (people) Polish citizen Polynesian

portable computed tomography scanner

portable ultrasound scanner Portuguese (citizen)

Presbyterian pressure pain threshold processed meat prosthesis dislocation prosthesis implantation prosthesis thrombosis protein acetylation

Protestant Protestantism Puerto Rican

pulmonary artery catheterization

Purepecha (people)

Qatari Quaker

radio frequency identification device

radioimmunoassay kit replicon cell

reverse engineering rhabdomyosarcoma cell

Romanian (citizen) RT-LAMP system Russian (citizen)

Russian (people) Rwandan sadness

saltiness Salvadoran Saudi

scanning probe microscope

Scheffersomyces

Scheffersomyces stipitis ScienceDirect Scopus Scotsman screw loosening sea turtle

self expandable metallic stent self expanding nitinol stent

self help device

sebaceous cell

Semecarpus anacardium

Seminole (people) Senegalese Serb (people) Serbian (citizen)

Seventh-day Adventist Shaman Shamanism Shiite

shoulder sling

shunt failure

shunt occlusion Sierra Leonean silicone granuloma Singaporean sinus stent Sioux (people) Slovak (citizen) Slovak (people) Slovene (people) Slovenian (citizen) small cell lung cancer snapping turtle Somali (citizen)

Sotho-Tswana people sound analyzer sour taste South African South American South Asian South Korean South Slav Southeast Asian Southern African

Sorb (people)

Sotho (people)

Southern Amerind people Southern Bantu people Southern European Spaniard

sperm quality sphingolipid metabolism

Spiritualism Spiritualist SpringerLink

squamous cell carcinoma cell

Sri Lankan

stainless steel implant stainless steel wire stent collapse stent complication stent deformation stent dislodgement stent fracture stent migration

stent underexpansion steroid CLIA

stone retrieval device

subclavian vein catheterization

suction drain Sudanese

Sukuma (people)

Sunni Surinamese

suture delivery device

Swahili (people) Swazi (citizen) Swede (people)

Swedish citizen

Swiss synovial sarcoma cell

Syrian Taiwanese

Taiwanese Aborigine

Tajik (citizen) **Tanzanian** Taoism

Taoist

Tarahumara (people)

Teke (people)

Tepehuano (people)

terrapin Th22 cell Th9 cell Thai (citizen) thulium YAG laser Ticuna (people) **Togolese**

Tohono O'odham

tomotherapy system

Tonga (people)

Tongan tortoise **Trachemys**

Trachemys scripta

Trachemys scripta elegans

Trachyspermum

Trachyspermum ammi

transdermal drug delivery system

transgender Trichosphaeriales Trinidadian Tsonga (people) **Tunisian**

Tupi (people) Tupi-Guarani people

Turkish citizen

Turkmen (citizen)

Tutsi (people) twiddler syndrome

Ugandan

Ukrainian (citizen) Ukrainian (people)

umami

ureteral stenting urine diversion Uruguayan

Uto-Aztecan people Uzbek (citizen) vagina pH

valve deterioration Venda (people) Venezuelan Vietnamese viral disease CLIA

viral disease immunofluorescence assay kit

vitelliform macular degeneration

volume of distribution

volume of distribution at steady-state

Voodoo

WanFang Database Waorani (people) Warao (people) Web of Science weight variation Welshman West African West Asian

West Germanic people

West Slav

Western European western medicine Western Samoan

wet macular degeneration White Mountain Apache

xerogel

Y chromosome haplogroup

Yanomami (people) Yaqui (people) Yemeni Yugoslav Zambian

Zapotec (people) Zimbabwean zinc homeostasis Zuni (people)

Drug terms

New or pre-existing term

* indicates pre-existing term

3 aminomethyl 1,3 dihydro 1 hydroxy 7 (3 hydroxypropyl) 2,1 benzoxaborole

acorafloxacin butylphthalide contact lens solution* contact lens solution*

efpeglenatide entospletinib* evofosfamide

gelatin sponge* paritaprevir patidegib

peritoneal dialysis fluid* peritoneal dialysis fluid* polyethylene terephthalate*

sacubitril*

Old (replaced) term

These terms become synonyms of the new term

gsk 2251052

avarofloxacin 3 butylphthalide

opti free oxysept langlenatide gs 9973

n,n' bis(2 bromoethyl)phosphorodiamidic acid (1 methyl

2 nitro 1h imidazol 5 yl)methyl ester

spongostan veruprevir saridegib extraneal nutrineal mersilene

3 (1 biphenyl 4 ylmethyl 3 ethoxycarbonyl 1 butylcarbamoyl)propionic acid

Non-drug terms

New or pre-existing term

* indicates pre-existing term

age related macular degeneration

capillary endothelial cell*

device failure device maintenance

devices* double J stent

drug administration route* female to male transgender

Finn (people)

hydrocolloid dressing*

IC50

intraarticular drug administration* intravenous drug administration*

LC50

macular degeneration macular edema

male to female transgender

mechanical valve needleless connector

medical device contamination mononucleosis test kit

Muslim

non small cell lung cancer

polymerase chain reaction system*

Scheffersomyces stipitis small cell lung cancer

vitelliform macular degeneration

volume of distribution wet macular degeneration

wound dressing*

Old (replaced) term

These terms become synonyms of the new term

retina macula age related degeneration

microvascular endothelial cell

equipment failure equipment maintenance

equipment JJ stent

intraganglionar drug administration

female to male transsexual

Fin (people) duoderm IC 50

intracoxal drug administration intravenous administration

LC 50

retina macula degeneration retina macula edema male to female transsexual

mechnical valve needleless connector

equipment contamination mononucleosis test

Moslem

lung non small cell cancer

thermal cycler Pichia stipitis

lung small cell cancer

retina macula vitelliform degeneration

distribution volume

exudative macular degeneration

biobrane