Emtree Terms Added and Changed (September 2016)

This is an overview of new terms added and changes made in the third Emtree release in 2016.

Overall, Emtree has grown by 784 preferred terms (35 drug terms and 749 non-drug terms) compared with the previous version released in May 2016. In total Emtree now counts 74,706 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 2016

860 new terms (including 76 replacement terms and promoted synonyms) have been added to Emtree as preferred terms in version September 2016 (compared to May 2016):

- 51 drug terms (terms assigned to the Chemicals and Drugs facet).
- 809 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 2016 (typically as candidate terms), sometimes for several years, before they were added to Emtree.

Emtree Terms Changed in September 2016

76 terms (16 drug terms and 60 non-drug terms) from Emtree May 2016 have been <u>replaced</u> by 76 different terms in September 2016 (16 drug terms and 60 non-drug terms).

Of these, 60 terms (9 drug terms and 51 non-drug terms) are new (e.g. new generic names for drug chemical names) and have been assigned creation date 2016; the remaining 16 replacement terms (7 drug terms and 9 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

4 [1 oxo 3 (2,6,6 trimethyl 1 cyclohexen 1 yl) 2 propen 1 yl] 1 piperazinecarboxamide 4' [[(2 methoxy 1 methyl 2 oxoethyl)amino](phenoxy)phospho]pantothenic acid methyl ester 6 (2 fluorophenyl) n [3 [2 [(2 methoxyethyl)amino]ethyl]phenyl] 5,6 dihydrobenzo[h]quinazolin 2 amine adegramotide afabicin auto crosslinked hyaluronic acid biocompatible coated material birabresib brazikumab ciprofloxacin plus fluocinolone acetonide dextro tyrosylisoleucylcysteinylvalyl 1 methyltryptophylglutaminylaspartyltryptophyl n methylglycylalanylhistidylarginylcysteinyl n methylisoleucinamide 3,13 cyclic sulfide epinephrine erenumab eys 606 formoterol fumarate plus glycopyrronium bromide galinpepimut S gallium dotatate ga 68 glycopyrronium heterogeneous nuclear ribonucleoprotein group A B heterogeneous nuclear ribonucleoprotein group C heterogeneous nuclear ribonucleoprotein group F H heterogeneous nuclear ribonucleoprotein group M hm71224

lacosamide maralixibat Matricaria flower extract Matricaria oil plant protein polyethylene glycol modified cystathionine beta synthase post-translationally modified protein proteins by anatomical concept proteins by cellular component proteins by organism proteins by physicochemical property quinlukast ribonucleotide reductase R2 specific phosphorothioate oligonucleotide **RNA** binding protein FUS rosomidnar smoflipid solifenacin plus mirabegron solifenacin plus tamsulosin spin label strimvelis tucidinostat uprifosbuvir utomilumab verdin viral protein virginiae butanolide B virginiae butanolide D virginiae butanolide E

Non-drug terms

abandoned child abdominal actinomycosis Abkhazia abreaction Abu Dhabi Aceh acoustic neuroma Acre (state) adductor magnus muscle adrenal chromaffin cell adrenal medullary cell adrenal tuberculosis advance care planning advocacy group aerobic glycolysis Aguascalientes (state) AIDS arteritis airway cell airway epithelial cell Ajman Alagoas Aland alcohol rehabilitation alcohol withdrawal seizure alcohol withdrawal syndrome alcoholic delirium alcoholic hallucinosis all-terrain vehicle alloreactive T cell alveolar ridge augmentation alveolectomy alveoloplasty Amapa Amazonas (Brazil) amphetamine abuse amphetamine dependence amputee amygdala neuron Andaman and Nicobar Islands Andhra Pradesh animal toxoplasmosis animal well-being anomie antenna (radio) anti-infective therapy antifungal therapy antihelminthic therapy antiparasitic therapy antiprotozoal therapy aortic endothelial cell aortic smooth muscle cell apex cardiography apexification apicoectomy apparent diffusion coefficient Arab world arterial smooth muscle

arterial smooth muscle cell arterial spin labeling artery perfusion pressure artificially sweetened beverage Assam aunt autosuggestion axotomy Azad Jammu and Kashmir Azores Bahia **Balearic Islands** ballistocardiography barber surgeon Barton fracture basal cell carcinoma cell basal lamina behavioral addiction benchmarking bereavement support Bergmann glia cell best corrected visual acuity Bihar bilateral nephrectomy bile duct adenoma biobank biomedical enhancement black hole blood dendritic cell blood relative bloodletting bone bank boron neutron capture therapy Brill-Zinsser disease brother brother-in-law **Brussels Capital Region** budding yeast bulbar poliomyelitis bulbospinal poliomyelitis burial Campeche (state) **Canary Islands** cancer associated fibroblast capitalism capitate fracture cardiac interstitium cardiac surgery intensive care unit cardiology service cardiovascular syphilis caries assessment catharsis causality Ceara cecum mucosa cemetery central retina

cerebral malaria cerebral toxoplasmosis cervicofacial actinomycosis Chagas cardiomyopathy chancre Chandigarh chemical stimulation Chhattisgarh Chiapas Chihuahua (state) child of impaired parents child-in-law childhood cancer survivor childhood sexual abuse survivor chiropractic manipulation cholangiocyte choroidal thickness chronotherapy cine magnetic resonance imaging clinical audit clinical laboratory personnel clinical laboratory service clinical outcome Coahuila Colima (state) Colinus virginianus collecting tubule cell colon cell colonialism communism community periodontal index of treatment needs compulsive buying computed tomography enterography computer addiction confirmatory factor analysis confocal laser scanning microscopy consumer organization corrected distance visual acuity Corsica counter pressure country economic status couple therapy cousin craving cremation crematorium crown lengthening cultural diversity cutaneous syphilis daughter-in-law DEAE cellulose chromatography democracy dengue hemorrhagic fever dengue shock syndrome dental debridement dental disease assessment dental marginal adaptation dental prevention dental prophylaxis

dental pulp capping dental pulp devitalization dental pulp stem cell dental restoration dental scaling dietary service digital breast tomosynthesis discectomy dispersity distal femur distal fibula distal humeral fracture distal humerus distal radius distal radius fracture distal tibia distal ulna DMF index **DMFS** index DMFT index DNA damage response domestic partner donor-host cell interaction Dothideomycetes double bind drug craving drug induced malformation drug utilization review dual antiplatelet therapy Durango (state) dynamic contrast-enhanced magnetic resonance imaging economic model electronic device embalming endodontic procedure endodontic surgery energy dispersive X ray spectroscopy entrepreneurship environmental decision making ephyra (life cycle stage) epicardial fat epidemic typhus epineurium **Espirito Santo** estimated glomerular filtration rate European wild boar Eurotiomycetes excretion fraction experimental dental caries experimental pyelonephritis exploratory factor analysis extended radical mastectomy eye bank facial canal factor analysis family income fat pad father-in-law

Federal District (Brasilia) Federation of Bosnia and Herzegovina feline toxoplasmosis felony female genital tuberculosis femoral condyle femoral head femoral head fracture femoral neck femoral neck fracture femoral shaft fermented milk product fibula head fibula neck fibula shaft first cousin first-degree relative fish product fission yeast Flanders fly control food craving foot muscle forearm injury foreign medical graduate foreign nurse foreign physician forensic anthropology fractional precipitation fracture of greater trochanter fracture of lesser trochanter Freudian theory full mouth rehabilitation functional connectivity Galeazzi fracture game addiction gastric bypass surgery gastric tuberculosis gastrointestinal tuberculosis genioplasty geophagia gestational carrier gestational weight gain **Gilgit-Baltistan** gingival bleeding index gingival index gluteus muscle Goa Goias graft size granddaughter grandfather grandmother grandson granulosa lutein cell great-grandfather great-grandmother great-grandparent Greek world

gross national income Guanajuato (state) Guerrero guineafowl Gujarat hair follicle cell half-brother half-sibling half-sister hamate fracture hand disinfection Harvana head muscle hearing impaired person heart center heart left atrium muscle heart right atrium muscle heart right ventricle muscle heliotherapy Hensen cell hepatic tuberculosis Hidalgo high dependency unit high income country high oxygen pressure high-energy shock wave highest income group **Himachal Pradesh** hip muscle HIV enteropathy Holtzman inkblot technique home parenteral nutrition home visit homeless man homeless person homeless woman homeless youth hospital auxiliary hospital CEO hospital volunteer household income housekeeping HTLV-1 infection HTLV-2 infection humeral condyle humeral head humeral head fracture humeral neck humeral neck fracture humeral shaft humeral supracondylar fracture husband hyperbaric oxygen therapy hypoosmolality hypoosmolarity image intensification image segmentation immunological pregnancy test in vitro fertilization

in-law income group index of orthodontic treatment need infant care infected aneurysm information technology device institutionalized adolescent institutionalized adult institutionalized child institutionalized elderly institutionalized person interference microscopy intestinal tuberculosis intraoperative monitoring intraoperative neurophysiological monitoring Iraqi Kurdistan Irian Jaya Jalisco Jammu and Kashmir Japanese wild boar Jharkhand jugular foramen Jungian theory Karnataka Kerala kinetocardiography knee collateral ligament knee lateral collateral ligament knee medial collateral ligament Lakshadweep laminitis language therapy large intestine wall laser-assisted balloon angioplasty latent syphilis latent toxoplasmosis lateral malleolar fracture lateral malleolus lateral tibial plateau Le Fort I osteotomy Le Fort II osteotomy Le Fort III osteotomy Le Fort osteotomy least square analysis Lecanoromycetes left bronchial artery left hippocampus left liver lobe left lung Leotiomycetes limb bud cell limb bud mesenchymal cell Listeria meningitis liver caudate lobe liver quadrate lobe liver stiffness lobbying lobbyist logotherapy

longissimus thoracis low income country lower leg muscle lumpectomy lumpy jaw lunate fracture Lyme arthritis Lyme neuroborreliosis lymph node toxoplasmosis Madeira Madhya Pradesh magnetic resonance elastography magnetic resonance enterography Maharashtra male genital tuberculosis malocclusion assessment mandibular advancement Manipur mantle (mollusc) Maranhao marginal ear vein maternal health service Mato Grosso Mato Grosso do Sul matrix-assisted laser desorption-ionization mass spectrometry MDA MB 231 cell line medial malleolar fracture medial malleolus medial tibial plateau medical director medical intensive care unit medical receptionist medical record administrator medical secretary medium spiny neuron Meghalaya Meloidae mental day hospital mentally disabled person mesenteric lymph node lymphocyte metastatic breast cancer metastatic colon cancer metastatic uvea melanoma Mexico City Michoacan middle ear muscle middle income country middle income group middle phalanx milk bank milk powder milk substitute Minas Gerais misdemeanor mite control Mizoram modified radical mastectomy Moire topography

monocyte like cell Monomorium Monomorium pharaonis monteggia fracture Morelos mosquito control mother-in-law motor learning multiphasic screening murine toxoplasmosis murine typhus musculoskeletal infection musculoskeletal manipulation Mycobacterium terrae complex Mycobacterium tuberculosis complex **Mylabris** myocardial ischemia reperfusion injury Nagaland narcotics anonymous National Capital Territory of Delhi national socialism Nayarit needle sharing neonatal abstinence syndrome neonatal intensive care unit nephew nephron cell neuroborreliosis neurological intensive care unit neurotomy niece Notodontidae Nuevo Leon Numida Numida meleagris nursing audit Oaxaca (state) occlusal adjustment ocular onchocerciasis ocular toxoplasmosis Odisha Odontophoridae oligodendrocyte progenitor onchodermatitis operative dentistry oral hygiene index oral tuberculosis orthodontic anchorage orthodontic extrusion orthodontic procedure orthodontic space closure orthodontic surgery orthodontic tooth movement osteopathic manipulation osteopathic physician ostomy pagophagia palatal expansion pancreas endocrine insufficiency

pancreatic tuberculosis Papua Province Para Paraiba paralytic poliomyelitis Parana (state) parasitic eye infection parent-in-law parental death parental leave pars orbitalis patient dumping patient visitor patient-reported outcome Pavo cristatus pediatric intensive care unit peer assessment rating index pelvis floor muscle pelvis muscle penile prosthesis implantation percutaneous discectomy Perdicinae pericardial fat periodontal disease assessment periodontal guided tissue regeneration periodontal index periodontal procedure perioperative monitoring peripheral blood dendritic cell peripheral retina Pernambuco peroral endoscopic myotomy personal income Pezizomycetes Pezizomycotina phalanx fracture phantom limb Phasianidae Phasianinae phencyclidine abuse phencyclidine dependence phoniatry phosphoproteomics photogrammetry photothermal therapy physiatrist physical stimulation physical well-being physically disabled person Piaui pisiform fracture pituicyte placental function test placental mammal plaque index plasma exchange plasmacytoma cell platelet distribution width pleasure principle

Plodia

Plodia interpunctella posterior cruciate ligament injury posterior cruciate ligament rupture potomania preimplantation genetic diagnosis preprosthetic surgery promonocytic cell prophylactic mastectomy prostate cell prostate lobe protein misfolding protein splicing proximal femur proximal fibula proximal humerus proximal phalanx proximal radius proximal radius fracture proximal tibia proximal ulna psychiatric intensive care unit psychological interview psychological well-being pubovaginal sling procedure Puducherry Puebla (state) pulmonary actinomycosis pulmonary toxoplasmosis pulpectomy pulpotomy pulsatility index Punjab (India) Queretaro (state) Quintana Roo race relation radial head radial shaft radial styloid process radiation induced malformation radical mastectomy radical nephrectomy radioembolization radius shaft fracture Rajasthan rational emotive behavior therapy reconstructive surgery red blood cell distribution width reflectance confocal microscopy regioselectivity renal cortical cell renal medullary cell reproductive sterilization Republic of Srpska restorative dentistry retention time reticular lamina retrograde obturation rice milk

right bronchial artery right hippocampus right liver lobe right lung Rio de Janeiro (state) Rio Grande do Norte Rio Grande do Sul rollator Roman world Rondonia root canal obturation root canal preparation root planing Roraima Rorschach test Saccharomycotina safety procedure Sahel San Luis Potosi (state) Santa Catarina (state) Sao Paulo (state) Sardinia satellite glial cell school administrator sclerostomy second-degree relative secondary ion mass spectrometry self psychology Sergipe serial extraction (dental) severe dengue sex worker shared decision making Sharjah sharps injury short term psychotherapy shoulder muscle sibling-in-law Sicily simple mastectomy Sinaloa single parent child single-parent family sister sister-in-law six minute walk test small intestine wall Smith fracture snowmobile socialism software Somaliland son-in-law Sonora specimen handling speech and language rehabilitation speech discrimination test spinal poliomyelitis spine manipulation

splenic B cell splenic T cell splenic tuberculosis State of Mexico stepchild stepfather stepmother stepparent stereophotography stereoselectivity subacute care suburethral sling procedure sugar-sweetened beverage sulcus bleeding index supported employment suprapubic arc sling procedure surgical intensive care unit surrogate mother sweet craving sweetened beverage syncytiotrophoblast cell synesthesia T cell lymphoblastic leukemia cell Tabasco Tamaulipas Tamil Nadu Taphrinomycotina tapped density target tissue taste bud cell Telangana telomere length temporoparietal junction tension-free vaginal tape procedure tentacle tertiary prevention thalamus disease Thaumetopoea thigh muscle third-degree relative thoracostomy thorax muscle thyroid follicular cell thyroid tuberculosis tibial condyle tibial epiphysis tibial metaphysis tibial plateau fracture tibial shaft tibial tuberosity tick control tick paralysis tissue bank Tlaxcala (state) Tocantins toilet training toileting tooth replantation total mesorectal excision

transient elastography translational protein modification transobturator tape procedure trapezium fracture Treponema pallidum immobilization test Tripura triquetrum fracture trophocyte twin study type 1 astrocyte type 1 epithelial cell type 1 vestibular hair cell type 2 astrocyte type 2 epithelial cell type 2 vestibular hair cell typist ulnar head ulnar shaft ulnar styloid process ultraviolet microscopy ultraviolet phototherapy ultraviolet spectrophotometer umbilical cord blood cell uncle unwanted child urinary excretion fraction urine sampling Uttar Pradesh Uttarakhand vaginal trichomoniasis vascular endothelial cell venous smooth muscle ventral mesencephalon Veracruz (state) vestibuloplastv visual attention visually impaired person voice training Vojvodina Wallonia weapon of mass destruction West Bengal West Papua Province Western world wife work of breathing Yucatan Zacatecas (state)

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Drug terms

New or pre-existing term

* indicates pre-existing term

birabresib

epinephrine funapide* glycopyrronium heterogeneous nuclear ribonucleoprotein group C heterogeneous nuclear ribonucleoprotein group M kabiven* lacosamide maralixibat neurotrophin receptor p75* plant protein recombinant tumor necrosis factor* tumor necrosis factor * tumor necrosis factor antibody* tumor necrosis factor inhibitor* viral protein

Old (replaced) term

These terms become synonyms of the new term

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 adrenalin xen 402 glycopyrronium bromide heterogeneous nuclear ribonucleoprotein C heterogeneous nuclear ribonucleoprotein M perikabiven harkoseride maralixibat chloride CD271 antigen vegetable protein recombinant tumor necrosis factor alpha tumor necrosis factor alpha tumor necrosis factor alpha antibody tumor necrosis factor alpha inhibitor virus protein

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Non-drug terms

New or pre-existing term

* indicates pre-existing term

acoustic neuroma alcohol rehabilitation alcohol withdrawal syndrome alcoholism* androgen insensitivity syndrome* animal well-being antenna (radio) antihelminthic therapy arterial smooth muscle axotomy budding yeast cerebral malaria chronopharmacology* clinical audit confocal laser scanning microscopy dental prevention dental restoration diaphragm* discectomy ephyra (life cycle stage) European wild boar excretion fraction eye bank factor analysis fat pad femoral condyle femoral head femoral neck femoral neck fracture femoral shaft first-degree relative gastric bypass surgery humeral head humeral supracondylar fracture hyperbaric oxygen therapy in vitro fertilization intestinal tuberculosis jungle fowl* mental day hospital mesothelioma* metastatic breast cancer metastatic colon cancer neurotomy oligodendrocyte progenitor partial mastectomy* Perdicinae periodontal procedure peritoneal fibrosis* pest control* Phasianinae placental mammal psychological well-being second-degree relative software

Old (replaced) term

These terms become synonyms of the new term

acoustic neurinoma alcohol rehabilitation program alcohol withdrawal alcohol use disorder testicular feminization animal wellbeing antenna worm expulsion artery muscle nerve fiber transection Saccharomycetales brain malaria drug chronotherapy medical audit confocal laser microscopy preventive dentistry reparative dentistry diaphragm muscle intervertebral diskectomy ephyra wild boar fractional excretion eyebank factorial analysis fat body femur condyle femur head femur neck femur neck fracture femur shaft first degree relative stomach bypass humerus head humerus supracondylar fracture hyperbaric oxygen fertilization in vitro intestine tuberculosis Gallus day hospital malignant mesothelioma breast metastasis colon metastasis nerve transection (procedure) oligodendrocyte precursor cell segmental mastectomy partridge periodontics sclerosing peritonitis pest management pheasant placental mammals psychological well being second degree relative computer program

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third-degree relative thyroid follicular cell tibial epiphysis tibial shaft tibial tuberosity urinary excretion fraction third degree relative thyroid follicle cell tibia epiphysis tibia shaft tibia tuberosity urinary fractional excretion