

Supplementary Appendix 2: Search Strategies

2021 American College of Rheumatology Guideline for the Treatment of Juvenile Idiopathic Arthritis (JIA): Recommendations for Non-Pharmacologic Therapies, Medication Monitoring, Immunizations, and Imaging

PUBMED

Search Name: JIA PT 2

From database inception to August 3, 2019, then updated on July 8, 2020

Search Strategy:

(((((ARHRIT*[TW] AND ("COSTEN'S SYNDROME"[TIAB] OR COSTEN SYNDROME[TIAB] OR TEMPOROMANDIBULAR[TW] OR TMJ[TIAB])) OR (OJIA[TIAB] OR ("ARTHRITIS, JUVENILE"[MESH] OR JUVENILE ARTHRIT*[TIAB] OR JUVENILE CHRONIC ARTHRIT*[TIAB] OR JIA[TIAB] OR JRA[TIAB] OR JUVENILE RHEUMATOID ARTHRIT*[TIAB])) AND (OLIGO ARTICULAR*[TW] OR OLIGO-ARTICULAR*[TW] OR OLIGOARTICULAR*[TW]) OR (OLIGOARTHRT*[TIAB] OR OLIGO-ARTHRT*[TIAB])) OR ((ARTHRITIS, JUVENILE[MESH] AND (JIA[TIAB] OR JRA[TIAB] OR IDIOPATHIC*[TIAB])) OR (JUVENILE IDIOPATHIC ARTHRIT*[TIAB] OR JUVENILE CHRONIC ARTHRIT*[TIAB] OR CHRONIC JUVENILE ARTHRIT*[TIAB] OR JUVENILE RHEUMATOID ARTHRIT*[TW] OR JUVENILE IDIOPATHIC ARTHROS*[TIAB])) AND (ENGLISH[LANG])) NOT (CASE REPORT*[PT] OR LETTER*[PT] OR COMMENT*[PT] OR EDITORIAL*[PT])) NOT ("ANIMALS"[MESH] NOT ("ANIMALS"[MESH] AND "HUMANS"[MESH])) NOT ("ADULT"[MESH] NOT ("ADULT"[MESH] AND "CHILD"[MESH] OR "INFANT"[MESH] OR "ADOLESCENT"[MESH])) AND (("DIETARY SUGARS"[MESH] OR DIETARY SUGAR*[TIAB] OR LOW SUGAR[TIAB] OR GLUTEN FREE*[TW] OR DAIRY FREE*[TIAB] OR LACTOSE FREE*[TIAB] OR "DIETARY SUPPLEMENTS"[MESH] OR "DIET THERAPY"[SUBHEADING] OR FOOD SUPPLEMENT*[TIAB] OR NUTRACEUTICAL*[TW] OR NUTRICEUTICAL*[TW] OR NEUTRACEUTICAL*[TW] OR HERBAL*[TW] OR "FOOD"[MESH] OR "DIET"[MESH] OR DIET[TIAB] OR DIETS[TIAB] OR DIETARY[TW] OR "VITAMINS"[MESH] OR VITAMIN*[TW] OR PREBIOTIC*[TIAB] OR PROBIOTIC*[TIAB] OR NUTRITION THERAPY[MESH] OR VACCINIUM[TW] OR BLUEBERR*[TW] OR "CURCUMA"[MESH] OR CURCUMA[TIAB] OR TURMERIC*[TW] OR ZEDOARY ZEDOARIA*[TIAB] OR HORSE NETTLE*[TIAB] OR HORSENETTLE*[TIAB] OR TROMPILLO*[TIAB] OR NIGHTSHADE*[TW] OR TART CHERR*[TIAB]) OR (LEFLUNOMIDE[TW] OR HWA-486[TIAB] OR HWA486[TIAB] OR SU101[TIAB] OR ARAVA[TIAB] OR HYDROXYCHLOROQUINE[TW] OR OXYCHLOROQUINE[TIAB] OR PLAQUENIL[TIAB] OR SULFASALAZINE[TW] OR SALICYLAZOSULFAPYRIDINE[TIAB] OR AZOPYRIN OR AZOPYRINE OR AZULFIDE OR AZULFIDINA OR AZULFIN OR BENZOSULFA OR

COLOPLEON OR DISALAZIN OR GASTROPYRIN OR PYRALIN OR RORASUL OR ROSULFANT OR SALAZINE OR SALAZO OR SALAZODIN OR SALAZOPIRINA OR SALAZOPYRIDIN OR SALAZOSULFA* OR SALISULF OR SALOPYR OR SARIDINE OR SAS-500 OR SULCOLON OR ZOPYRIN OR SULPHASALAZINE[TIAB] OR SALAZOSULFAPYRIDINE[TIAB] OR "PYRALIN EN"[TIAB] OR AZULFIDINE[TIAB] OR ASULFIDINE[TIAB] OR COLO-PLEON[TIAB] OR PLEON[TIAB] OR "SULFASALAZIN MEDAC"[TIAB] OR "SULFASALAZIN-HEYL"[TIAB] OR UCINE[TIAB] OR SALAZOPYRIN[TIAB] OR METHOTREXATE[TW] OR AMETHOPTERIN[TIAB] OR MEXATE[TIAB] OR ARBITREXATE OR METHOPTERINE OR ANTIFOLAN OR BIOTREXATE OR CANCEREN OR CL-14377 OR CL14377 OR EMTEXATE OR EMTHEXAT OR EMTHEXATE OR EMTREXATE OR ENTHEXATE OR FARMITREXAT OR FARMITREXATE OR FARMOTREX OR FOLEX OR IFAMET OR IMETH OR JYLAMVO OR LANTAREL OR LEDERTREXATE OR MAXTREX OR METEX OR METHOBLASTIN OR METHOHEXATE OR METHOTRATE OR METHOTREXATE OR METHOTREXATE OR METHROTREXATE OR METHYLAMINOPTERIN OR METHYLAMINOPTERINE OR METICAL OR METOJECT OR METOTREXAT OR METOTREXATE OR METOTREXIN OR METREX OR MPI-504 OR MPI504 OR "MTX" OR NEOTREXATE OR NORDIMET OR NOVATREX OR NSC-740 OR NSC740 OR OTREXUP OR RASUVO OR REUMATREX OR RHEUMATREX OR TEXATE* OR TEXORATE OR TREXALL OR XAKEN OR XATMEP OR ZEXATE) OR (BRIDGE[TIAB] OR BRIDGING[TIAB] OR BRIDGED[TIAB] OR BRIDGES[TIAB] OR PREDNISON*[TW] OR DEHYDROCORTISONE[TIAB] OR DELTA-CORTISONE[TIAB] OR RECTODELT[TIAB] OR PREDNISON*[TIAB] OR STERAPRED[TIAB] OR ULTRACORTEN[TIAB] OR WINPRED[TIAB] OR APO-PREDNISON[TIAB] OR CORTAN[TIAB] OR CORTANCYL[TIAB] OR PANAFCORT[TIAB] OR DECORTIN[TIAB] OR DACORTIN[TIAB] OR DECORTISYL[TIAB] OR DELTASONE[TIAB] OR ENCORTONE[TIAB] OR ENCORTON[TIAB] OR METICORTEN[TIAB] OR ORASONE[TIAB] OR PANASOL[TIAB] OR PREDNIDIB[TIAB] OR PRONISON[TIAB]) OR (BIOLOGIC DISEASE MODIF*[TIAB] OR BIOLOGIC RESPONSE MODIF*[TIAB] OR BIOLOGIC AGENT*[TIAB] OR BIOLOGIC DRUG*[TIAB] OR DISEASE-MODIFYING ANTIRHEUMATIC*[TIAB] OR DISEASE-MODIFYING ANTI-RHEUMATIC*[TIAB] OR DMARD*[TIAB] OR "RECEPTORS, INTERLEUKIN-6/ANTAGONISTS AND INHIBITORS"[MESH] OR "RECEPTORS, INTERLEUKIN-1/ANTAGONISTS AND INHIBITORS"[MESH] OR INTERLEUKIN-1 BLOCKER*[TIAB] OR IL-1 BLOCKER*[TIAB] OR IL-1 BLOCKADE*[TIAB] OR INTERLEUKIN-1 BLOCKADE*[TIAB] OR INTERLEUKIN-6 BLOCKER*[TIAB] OR IL-6 BLOCKER*[TIAB] OR IL-6 BLOCKADE*[TIAB] OR INTERLEUKIN-6 BLOCKADE*[TIAB] OR "CANAKINUMAB"[SUPPLEMENTARY CONCEPT] OR CANAKINUMAB[TIAB] OR ILARIS[TIAB] OR ACZ-885[TIAB] OR ACZ885[TIAB] OR ANTI-INTERLEUKIN-1*[TIAB] OR ANTI-IL-1*[TIAB] OR ANTI-INTERLEUKIN-6*[TIAB] OR ANTI-IL-6*[TIAB] OR ANAKINRA[TW] OR KINERET[TW] OR ANTRIL[TW] OR "INTERLEUKIN-6/ANTAGONISTS AND INHIBITORS"[MESH] OR INTERLEUKIN-6 INHIBITOR*[TIAB] OR IL-6 INHIBITOR*[TIAB] OR INTERLEUKIN-1 INHIBITOR*[TIAB] OR "INTERLEUKIN-1/ANTAGONISTS AND INHIBITORS"[MESH] OR IL-1 INHIBITOR*[TIAB] OR "RILONACEPT"[SUPPLEMENTARY CONCEPT] OR RILONACEPT[TIAB] OR TUMOR NECROSIS FACTOR INHIBITOR*[TIAB] OR TUMOUR NECROSIS FACTOR INHIBITOR*[TIAB] OR TNFALPHA INHIBITOR*[TIAB] OR TNF-ALPHA INHIBITOR*[TIAB] OR TNF INHIBITOR*[TIAB] OR ANTI-TUMOR NECROSIS FACTOR*[TIAB] OR ANTI-TUMOUR NECROSIS FACTOR*[TIAB] OR ANTI-TNF*[TIAB] OR "TUMOR NECROSIS FACTOR-

ALPHA/ANTAGONISTS AND INHIBITORS"[MESH] OR TNFI[TIAB] OR "ADALIMUMAB"[MESH] OR ADALIMUMAB[TIAB] OR HUMIRA[TIAB] OR ADALIMUMAB-ADBM[TIAB] OR AMJEVITA[TIAB] OR ADALIMUMAB-ATTO[TIAB] OR CYLTEZO[TIAB] OR ETANERCEPT[TIAB] OR "TNFR-FC FUSION PROTEIN"[TIAB] OR "TNR 001"[TIAB] OR "TNT RECEPTOR FUSION PROTEIN"[TIAB] OR TNR-001[TIAB] OR ETANERCEPT-SZZS[TIAB] OR "TNF RECEPTOR TYPE II-IGG FUSION PROTEIN"[TIAB] OR ERELZI[TIAB] OR ENBREL[TIAB] OR INFLIXIMAB*[TW] OR "MONOCLONAL ANTIBODY CA2"[TIAB] OR "MAB CA2"[TIAB] OR RENFLEXIS[TIAB] OR INFLECTRA[TIAB] OR REMICADE[TIAB] OR "GOLIMUMAB"[SUPPLEMENTARY CONCEPT] OR GOLIMUMAB[TIAB] OR "CERTOLIZUMAB PEGOL"[TW] OR CIMZIA[TIAB] OR CDP870[TIAB] OR ABATACEPT[TW] OR LEA29Y[TIAB] OR BMS224818[TIAB] OR BMS-224818[TIAB] OR BELATACEPT[TIAB] OR ORENCIA[TIAB] OR BMS-188667[TIAB] OR CTLA-4-IG[TIAB] OR "CYTOTOXIC T LYMPHOCYTE-ASSOCIATED ANTIGEN 4-IMMUNOGLOBULIN"[TIAB] OR CTLA4-IG*[TIAB] OR CTLA4-FC[TIAB] OR NULOJIX[TIAB] OR "TOCILIZUMAB"[SUPPLEMENTARY CONCEPT] OR TOCILIZUMAB[TIAB] OR ATLIZUMAB[TIAB] OR ACTEMRA[TIAB] OR RITUXIMAB[TW] OR MABTHERA[TIAB] OR IDEC-C2B8 ANTIBODY[TIAB] OR IDEC-C2B8[TIAB] OR GP2013[TIAB] OR RITUXAN[TIAB] OR "TOFACITINIB"[SUPPLEMENTARY CONCEPT] OR TOFACITINIB[TW] OR TASOCITINIB[TIAB] OR XELJANZ[TIAB] OR CP690550[TIAB] OR CP-690550[TIAB] OR CP 690550[TIAB] OR "SECUKINUMAB"[SUPPLEMENTARY CONCEPT] OR SECUKINUMAB[TIAB] OR COSENTYX[TIAB] OR AIN457[TIAB] OR AIN-457[TIAB]) OR (LEFLUNOMIDE[TW] OR HWA-486[TIAB] OR HWA486[TIAB] OR SU101[TIAB] OR ARAVA[TIAB] OR HYDROXYCHLOROQUINE[TW] OR OXYCHLOROQUINE[TIAB] OR PLAQUENIL[TIAB] OR SULFASALAZINE[TW] OR SALICYLAZOSULFAPYRIDINE[TIAB] OR SULPHASALAZINE[TIAB] OR SALAZOSULFAPYRIDINE[TIAB] OR "PYRALIN EN"[TIAB] OR AZULFIDINE[TIAB] OR ASULFIDINE[TIAB] OR COLO-PLEON[TIAB] OR PLEON[TIAB] OR "SULFASALAZIN MEDAC"[TIAB] OR "SULFASALAZIN-HEYL"[TIAB] OR UCINE[TIAB] OR SALAZOPYRIN[TIAB] OR METHOTREXATE[TW] OR AMETHOPTERIN[TIAB] OR MEXATE[TIAB] OR CALCINEURIN INHIBITOR*[TW] OR PROTEIN PHOSPHATASE-2B INHIBITOR*[TIAB] OR PROTEIN PHOSPHATASE 3 INHIBITOR*[TIAB] OR CALCINEURIN ANTAGONIST*[TIAB] OR CALCINEURIN BLOCKER*[TIAB] OR PROGRAF[TIAB] OR PROGRAFT[TIAB] OR FR-900506[TIAB] OR FR900506[TIAB] OR FK-506[TIAB] OR FK506[TIAB] OR "33-EPI-CHLORO-33-DESOXYASCOMYCIN"[TIAB] OR SDZ-ASM-981[TIAB] OR "ASM 981"[TIAB] OR ELIDEL[TIAB] OR CYCLOSPORIN[TIAB] OR CICLOSPORIN[TIAB] OR NEORAL[TIAB] OR CYA-NOF[TIAB] OR SANDIMMUNE[TIAB] OR SANDIMMUN[TIAB] OR CSA-NEORAL[TIAB] OR "OL 27-400"[TIAB] OR "OL 27400"[TIAB] OR PIMECROLIMUS[TW] OR TACROLIMUS[TW]) OR (JOINT INJECTION*[TIAB] OR STEROID INJECTION*[TIAB] OR CORTICOSTEROID INJECTION*[TIAB] OR INTRA-ARTICULAR*[TIAB] OR INTRAARTICULAR*[TW] OR "METHYLPREDNISOLONE ACETATE"[MESH] OR METHYLPREDNISOLONE*[TW] OR "ACETYLMETHYLPREDNISOLONE"[TIAB] OR DEPO-MEDRONE[TIAB] OR DEPO-MEDROL[TIAB] OR "TRIAMCINOLONE HEXACETONIDE"[SUPPLEMENTARY CONCEPT] OR ARISTOSPAN[TIAB] OR "TRIAMCINOLONE ACETONIDE"[MESH] OR TRICORT-40[TIAB] OR KENALOG*[TIAB] OR AZMACORT[TIAB] OR "KENACORT A"[TIAB] OR TRIAMCINOLONE*[TW]) OR ("OCCUPATIONAL THERAPY"[MESH] OR OCCUPATIONAL THERAP*[TIAB] OR "PHYSICAL THERAPY MODALITIES"[MESH] OR PHYSICAL THERAP*[TIAB] OR PHYSIOTHERAP*[TIAB] OR

"EXERCISE"[MESH] OR EXERCISE*[TIAB] OR PHYSICAL ACTIVIT*[TIAB] OR MOUTH PROTECTOR*[TW] OR MOUTH GUARD*[TIAB] OR MOUTHGUARD*[TIAB] OR PROTECTIVE MOUTH PIECE*[TIAB] OR PROTECTIVE MOUTHPIECE*[TIAB] OR ERGOTHERAP*[TW] OR PT/OT[TIAB] OR "ACTIVITIES OF DAILY LIVING"[MESH] OR "ACTIVITIES OF DAILY LIVING"[TIAB])) OR (((ARTHRITIS, JUVENILE[MESH] AND (JIA[TIAB] OR JRA[TIAB] OR IDIOPATHIC*[TIAB])) OR (JUVENILE IDIOPATHIC ARTHRIT*[TIAB] OR JUVENILE CHRONIC ARTHRIT*[TIAB] OR CHRONIC JUVENILE ARTHRIT*[TIAB] OR JUVENILE RHEUMATOID ARTHRIT*[TW] OR JUVENILE IDIOPATHIC ARTHROS*[TIAB]) OR (SJIA[TIAB] OR STILLS DISEASE*[TIAB] OR "STILL'S DISEASE"[TIAB] OR STILL DISEASE*[TIAB] OR JUVENILE SYSTEMIC ARTHRIT*[TIAB] OR SYSTEMIC JUVENILE ARTHRIT*[TIAB] OR JUVENILE SYSTEMIC IDIOPATHIC ARTHRIT*[TIAB] OR SYSTEMIC JUVENILE IDIOPATHIC ARTHRIT*[TIAB] OR SYSTEMIC JIA[TIAB] OR SYSTEMIC JRA[TIAB] OR SYSTEMIC JUVENILE RHEUMATOID ARTHRIT*[TIAB] OR JUVENILE SYSTEMIC RHEUMATOID ARTHRIT*[TIAB] OR "RHEUMATOID ARTHRITIS, SYSTEMIC JUVENILE"[SUPPLEMENTARY CONCEPT] OR JUVENILE ONSET SYSTEMIC ARTHRIT*[TIAB] OR SYSTEMIC JUVENILE ONSET ARTHRIT*[TIAB]) AND (ENGLISH[LANG]) NOT (LETTER*[PT] OR COMMENT*[PT] OR EDITORIAL*[PT] OR CASE REPORT*[PT]) NOT ("ANIMALS"[MESH] NOT ("ANIMALS"[MESH] AND "HUMANS"[MESH]))) AND ((BIOLOGIC DISEASE MODIF*[TIAB] OR BIOLOGIC RESPONSE MODIF*[TIAB] OR BIOLOGIC AGENT*[TIAB] OR BIOLOGIC DRUG*[TIAB] OR DISEASE-MODIFYING ANTIRHEUMATIC*[TIAB] OR DISEASE-MODIFYING ANTI-RHEUMATIC*[TIAB] OR DMARD*[TIAB] OR "RECEPTORS, INTERLEUKIN-6/ANTAGONISTS AND INHIBITORS"[MESH] OR "RECEPTORS, INTERLEUKIN-1/ANTAGONISTS AND INHIBITORS"[MESH] OR INTERLEUKIN-1 BLOCKER*[TIAB] OR IL-1 BLOCKER*[TIAB] OR IL-1 BLOCKADE*[TIAB] OR INTERLEUKIN-1 BLOCKADE*[TIAB] OR INTERLEUKIN-6 BLOCKER*[TIAB] OR IL-6 BLOCKER*[TIAB] OR IL-6 BLOCKADE*[TIAB] OR INTERLEUKIN-6 BLOCKADE*[TIAB] OR "CANAKINUMAB"[SUPPLEMENTARY CONCEPT] OR CANAKINUMAB[TIAB] OR ILARIS[TIAB] OR ACZ-885[TIAB] OR ACZ885[TIAB] OR ANTI-INTERLEUKIN-1*[TIAB] OR ANTI-IL-1*[TIAB] OR ANTI-INTERLEUKIN-6*[TIAB] OR ANTI-IL-6*[TIAB] OR ANAKINRA[TW] OR KINERET[TW] OR ANTRIL[TW] OR "INTERLEUKIN-6/ANTAGONISTS AND INHIBITORS"[MESH] OR INTERLEUKIN-6 INHIBITOR*[TIAB] OR IL-6 INHIBITOR*[TIAB] OR INTERLEUKIN-1 INHIBITOR*[TIAB] OR "INTERLEUKIN-1/ANTAGONISTS AND INHIBITORS"[MESH] OR IL-1 INHIBITOR*[TIAB] OR "RILONACEPT"[SUPPLEMENTARY CONCEPT] OR RILONACEPT[TIAB] OR TUMOR NECROSIS FACTOR INHIBITOR*[TIAB] OR TUMOUR NECROSIS FACTOR INHIBITOR*[TIAB] OR TNFALPHA INHIBITOR*[TIAB] OR TNF-ALPHA INHIBITOR*[TIAB] OR TNF INHIBITOR*[TIAB] OR ANTI-TUMOR NECROSIS FACTOR*[TIAB] OR ANTI-TUMOUR NECROSIS FACTOR*[TIAB] OR ANTI-TNF*[TIAB] OR "TUMOR NECROSIS FACTOR-ALPHA/ANTAGONISTS AND INHIBITORS"[MESH] OR TNFI[TIAB] OR "ADALIMUMAB"[MESH] OR ADALIMUMAB[TIAB] OR HUMIRA[TIAB] OR ADALIMUMAB-ADB[M] OR AMJEVITA[TIAB] OR ADALIMUMAB-ATTO[TIAB] OR CYLTEZO[TIAB] OR ETANERCEPT[TIAB] OR "TNFR-FC FUSION PROTEIN"[TIAB] OR "TNR 001"[TIAB] OR "TNT RECEPTOR FUSION PROTEIN"[TIAB] OR TNR-001[TIAB] OR ETANERCEPT-SZZS[TIAB] OR "TNF RECEPTOR TYPE II-IGG FUSION PROTEIN"[TIAB] OR ERELZI[TIAB] OR ENBREL[TIAB] OR INFlixIMAB*[TW] OR "MONOCLONAL ANTIBODY CA2"[TIAB] OR "MAB CA2"[TIAB] OR RENFLEXIS[TIAB] OR INFLECTRA[TIAB] OR REMICADE[TIAB]

OR "GOLIMUMAB"[SUPPLEMENTARY CONCEPT] OR GOLIMUMAB[TIAB] OR "CERTOLIZUMAB PEGOL"[TW] OR CIMZIA[TIAB] OR CDP870[TIAB] OR ABATACEPT[TW] OR LEA29Y[TIAB] OR BMS224818[TIAB] OR BMS-224818[TIAB] OR BELATACEPT[TIAB] OR ORENCIA[TIAB] OR BMS-188667[TIAB] OR CTLA-4-IG[TIAB] OR "CYTOTOXIC T LYMPHOCYTE-ASSOCIATED ANTIGEN 4-IMMUNOGLOBULIN"[TIAB] OR CTLA4-IG*[TIAB] OR CTLA4-FC[TIAB] OR NULOJIX[TIAB] OR "TOCILIZUMAB"[SUPPLEMENTARY CONCEPT] OR TOCILIZUMAB[TIAB] OR ATLIZUMAB[TIAB] OR ACTEMRA[TIAB] OR RITUXIMAB[TW] OR MABTHERA[TIAB] OR IDEC-C2B8 ANTIBODY[TIAB] OR IDEC-C2B8[TIAB] OR GP2013[TIAB] OR RITUXAN[TIAB] OR "TOFACITINIB"[SUPPLEMENTARY CONCEPT] OR TOFACITINIB[TW] OR TASOCITINIB[TIAB] OR XELJANZ[TIAB] OR CP690550[TIAB] OR CP-690550[TIAB] OR CP 690550[TIAB] OR "SECUKINUMAB"[SUPPLEMENTARY CONCEPT] OR SECUKINUMAB[TIAB] OR COSENTYX[TIAB] OR AIN457[TIAB] OR AIN-457[TIAB]) OR (("ANTI-INFLAMMATORY AGENTS, NON-STEROIDAL"[MESH] OR NSAID*[TIAB] OR NON-STEROIDAL ANTI-INFLAMMATOR*[TW]) OR (NONSTEROIDAL ANTI-INFLAMMATORY AGENT*[TIAB] OR NONSTEROIDAL ANTIINFLAMMATORY AGENT*[TIAB] OR ANTI-INFLAMMATORY ANALGESIC*[TIAB]) OR ("ANTI-INFLAMMATORY AGENTS, NON-STEROIDAL"[PHARMACOLOGICAL ACTION]) OR (ACECLOFENAC OR ACOMETACIN OR ACETOSYRINGONE OR ACETOVANILLONE OR ADAPALENE OR ALCLOFENAC OR ALMINOPROFEN OR AMIPRILOSE OR AMPYRONE OR ANDROGRAPHOLIDE OR ANISODAMINE OR ANISODINE OR ANTIPYRINE OR APAZONE OR APREMILAST OR ARTEPARON OR ARTHROTEC OR ASPIRIN OR ATRINOSITOL OR AZULENE OR BAICALIN OR BALSALAZIDE OR BENDAZAC OR BENDAZAC LYSINE OR BENORILATE OR BENOXAPROFEN OR BENZOBARBITAL OR BERBAMINE OR BEVONIUM OR BOLDINE OR BROMFENAC OR BUCILLAMINE OR BUFEXAMAC OR BUMADIZONE OR BUTIBUFEN OR CARPROFEN OR CARYOPHYLLENE OR CASTANOSPERMINE OR CELECOXIB OR CEPHARANTHINE OR CHLOROQUINE DIPHOSPHATE OR CHOLINE MAGNESIUM TRISALICYLATE OR CHRYSAROBIN OR CLONIXIN OR CURCUMIN OR DAURICINE OR DEXKETOPROFEN TROMETAMOL OR DICLOFENAC OR DIFENPIRAMIDE OR DIFLUNISAL OR DIMEPHOSPHON OR DIPYRONE OR DIUCIFON OR DROXICAM OR EBSELEN OR ECALLANTIDE OR ELTENAC OR EPIRIZOLE OR ETANERCEPT OR ETHENZAMIDE OR ETHONIUM OR ETODOLAC OR ETOFENAMATE OR ETORICOXIB OR FENBUFEN OR FENCLOFENAC OR FENFLUMIZOLE OR FENOPROFEN OR FENTIAZAC OR FEPRADINOL OR FEPRAZONE OR FLOCTAFENINE OR FLOSULIDE OR FLUNIXIN OR FLUNOXAPROFEN OR FLUPROQUAZONE OR FLURBIPROFEN OR GLUCAMETACIN OR GUACETISAL OR HELENALIN OR HELIODERMIN OR HEMODES OR HIGENAMINE OR IBUPROFEN OR IBUPROXAM OR ICATIBANT OR INDOBUFEN OR INDOMETHACIN OR INDOPROFEN OR IODOANTIPYRINE OR ISOXICAM OR KEBUZONE OR KETOPROFEN OR KETOROLAC OR LICOFELONE OR LISOFYLLINE OR LOBENZARIT OR LONAZOLAC OR LORNOXICAM OR LOXOPROFEN OR LUMIRACOXIB OR MAGNOLOL OR MANOALIDE OR MASOPROCOL OR MELOXICAM OR MESALAMINE OR MIZORIBINE OR MOFEBUTAZONE OR MOFEZOLAC OR NABUMETONE OR NAFAMOSTAT OR NAPROXEN OR NEBACETIN OR NEPAFENAC OR NIFENAZONE OR NIMESULIDE OR NITROASPIRIN OR OLSALAZINE OR OLVANIL OR ORGOTEIN OR OXAPROZIN OR OXYPHENBUTAZONE OR PALMIDROL OR PARECOXIB OR PARTHENOLIDE OR PEONIFLORIN OR PHENIDONE OR PHENYLBUTAZONE OR PIMECROLIMUS OR PIRFENIDONE OR

PIROXICAM OR PIRPROFEN OR PROGLUMETACIN OR PROPACETAMOL OR
PROPIONYLCARNITINE OR PROPYPHENAZONE OR PROQUAZONE OR PYRANOPROFEN OR
PYRAZOLONE OR PYROGENAL OR RESVERATROL OR RNS60 OR ROFECOXIB OR RUMALON OR
SAIKO-KEISHI-TO OR SAIKOSAPONIN OR SALICIN OR SALICYLAMIDE OR SALICYLATES OR
"SALICYLSALICYLIC ACID" OR SEMAPIMOD OR SERATRODAST OR SERRATIOPEPTIDASE OR
SHIKONIN OR SINAPALDEHYDE OR SODIUM SALICYLATE OR SUL-121 OR SULFASALAZINE OR
SULINDAC OR SUPROFEN OR SUXIBUZONE OR TANSHINONE OR TAXIFOLIN OR TENIDAP OR
TENOXICAM OR TEPOXALIN OR TIARAMIDE OR TINORIDINE OR TOLMETIN OR TRANILAST OR
TRIBENOSIDE OR VALDECOXIB OR ZILEUTON OR ZOMEPIRAC) OR (CELEBREX OR SC-58635 OR
SC58635) OR (ETODOLIC* OR ULTRADOL OR LODINE OR RAMODAR OR AY-24236) OR (CP-16171
OR CP16171 OR FELDENE) OR (DICLOPHENAC OR DICROFENAC OR DICHLOFENAL OR
"DICLONATE P" OR FELORAN OR VOLTAROL OR NOVAPIRINA OR ORTHOFEN OR ORTOFEN OR
ORTHOPHEN OR SR-38 OR VOLTAREN) OR (NABUMETON OR RELIFEX OR RELIF OR APO-
NABUMETONE OR APONABUMETONE OR MEBUTAN OR LISTRAN OR GEN-NABUMETONE OR
ARTHAXAN OR RHOXAL-NABUMETONE OR RELAFEN OR NABUCOX) OR (MILOXICAM OR
PAROCIN OR MOBIC OR MOBICOX OR MOBEC OR MASFLEX OR MOVICOX OR REUMOXICAM OR
UTICOX OR MOVALIS) OR ("INDOMETHACIN"[MESH] OR INDOMETACIN OR OSMOSIN OR
INDOCID OR METINDOL OR AMUNO OR INDOCIN) OR (TOLECTIN OR MCN-2559) OR (MOTRIN
OR NUPRIN OR RUFEN OR SALPROFEN OR BRUFEN) OR (METHOXYPROPIOCIN OR ANAPROX OR
ALEVE OR PROXEN OR SYNFLEX OR NAPROSIN OR NAPROSYN)) OR (Search AND
(CORTICOSTEROID*[TW] AND ORAL*[TIAB]) OR (STEROID*[TW] AND ORAL*[TIAB]) OR
(FLUBENISOLONE[TIAB] OR BETADEXAMETHASONE[TIAB] OR CELESTONA[TIAB] OR
CELESTON[TIAB] OR CELESTONE[TIAB] OR "BETAMETHASONE 17-VALERATE"[TIAB] OR
FLUBENISOLONVALERATE[TIAB] OR BETNOVATE[TIAB] OR METHYLFLUORPREDNISOLONE[TIAB]
OR HEXADECADROL[TIAB] OR DECAMETH[TIAB] OR DECASPRAY[TIAB] OR DEXASONE[TIAB] OR
DEXPAK[TIAB] OR MAXIDEX[TIAB] OR MILLICORTEN[TIAB] OR ORADEXON[TIAB] OR
DECAJECT[TIAB] OR DECAJECT-L.A.[TIAB] OR DECAJECT L.A.[TIAB] OR HEXADROL[TIAB] OR HE-
111[TIAB] OR HE111[TIAB] OR AUXISON[TIAB] OR MELENGESTROL[TIAB] OR METIPRED[TIAB]
OR 6-METHYLPREDNISOLONE[TIAB] OR URBASON[TIAB] OR MEDROL[TIAB] OR PREDATE[TIAB]
OR PREDONINE[TIAB] OR DI-ADRESON-F[TIAB] OR DEHYDROCORTISONE[TIAB] OR DELTA-
CORTISONE[TIAB] OR RECTODELT[TIAB] OR "PREDNISON HEXAL"[TIAB] OR STERAPRED[TIAB] OR
ULTRACORTEN[TIAB] OR WINPRED[TIAB] OR APO-PREDNISONE[TIAB] OR CORTAN[TIAB] OR
CORTANCYL[TIAB] OR PANAFcORT[TIAB] OR DECORTIN[TIAB] OR DACORTIN[TIAB] OR
DECORTISYL[TIAB] OR DELTASONE[TIAB] OR ENCORTONE[TIAB] OR ENCORTON[TIAB] OR
"LIQUID PRED"[TIAB] OR METICORTEN[TIAB] OR ORASONE[TIAB] OR PANASOL[TIAB] OR
"PREDNI TABLINEN"[TIAB] OR PREDNIDIB[TIAB] OR "PREDNISON ACSIS"[TIAB] OR
PRONISONE[TIAB] OR SONE[TIAB] OR "PREDNISON GALEN"[TIAB] OR VOLON[TIAB] OR
ARISTOCORT[TIAB]) OR (ALCLOMETASONE DIPROPIONATE[TIAB] OR AMCINONIDE[TIAB] OR
BETAMETHASONE[MESH] OR BETAMETHASONE[TW] OR BETAMETHASONE VALERATE[MESH]
OR CICLESONIDE[TIAB] OR CLOBETASONE BUTYRATE[TIAB] OR CLOCORTOLONE*[TIAB] OR
DEXAMETHASONE[MESH] OR DEXAMETHASONE*[TW] OR DEXAMETHASONE

ISONICOTINATE[MESH] OR DICHLORISONE ACETATE[TIAB] OR DIFLORASONE[TIAB] OR DIFLUPREDNATE[TIAB] OR DROCINONIDE PHOSPHATE POTASSIUM[TIAB] OR FLUOCORTIN BUTYL ESTER[TIAB] OR FLUPEROLONE ACETATE[TIAB] OR FLUPREDNIDENE ACETATE[TIAB] OR FLUPREDNISOLONE[MESH] OR FX006[TIAB] OR HALOMETASONE[TIAB] OR MEDRYSONE[TIAB] OR MELENGESTROL ACETATE[MESH] OR METHYLPREDNISOLONE[MESH] OR METHYLPREDNISOLONE[TW] OR PARAMETHASONE[MESH] OR PREDNICARBATE[TIAB] OR PREDNISOLONE[MESH] OR PREDNISOLONE*[TW] OR PREDNISONE[MESH] OR PREDNISONE[TW] OR RIMEXOLONE[TIAB] OR TRIAMCINOLONE[MESH] OR TRIAMCINOLONE*[TW]) OR (GLUCOCORTICOID*[TW])) OR ("METHOTREXATE"[MESH] OR METHOTREXATE*[TIAB] OR AMETHOPTERIN[TIAB] OR MEXATE[TIAB] OR "RILONACEPT"[SUPPLEMENTARY CONCEPT] OR RILONACEPT[TIAB] OR ANAKINRA[TW] OR KINERET[TIAB] OR ANTRIL[TIAB] OR "CANAKINUMAB"[SUPPLEMENTARY CONCEPT] OR CANAKINUMAB[TIAB] OR ILARIS[TIAB] OR ACZ-885[TIAB] OR ACZ885[TIAB] OR "TOCILIZUMAB"[SUPPLEMENTARY CONCEPT] OR TOCILIZUMAB[TIAB] OR ATLIZUMAB[TIAB] OR ACTEMRA[TIAB]) OR ("ETOPOSIDE"[MESH] OR ETOPOSIDE[TIAB] OR EPOSIDE[TIAB] OR "ETOPOSIDO FERRER FARMA"[TIAB] OR LASTET[TIAB] OR NSC-141540[TIAB] OR TOPOSAR[TIAB] OR VEPESID[TIAB] OR "VP 16-213"[TIAB] OR "VP 16 213"[TIAB] OR "VP 16213"[TIAB] OR VP-16[TIAB] OR VP16[TIAB] OR "VEPESIDE-SANDOZ"[TIAB] OR CELTOP[TIAB]) OR ("IMMUNOGLOBULINS, INTRAVENOUS"[MESH] OR INTRAVENOUS IMMUNOGLOBULIN*[TIAB] OR "INTRAVENOUS IG"[TIAB] OR INTRAVENOUS ANTIBOD*[TIAB] OR IVIG[TIAB] OR INTRAVENOUS IMMUNE GLOBULIN*[TIAB] OR IV IMMUNOGLOBULIN*[TIAB] OR "FLEBOGAMMA DIF"[TIAB] OR GAMUNEX[TIAB] OR GLOBULIN-N[TIAB] OR INTRAGLOBIN*[TIAB] OR GAMMAGARD[TIAB] OR GAMIMUNE[TIAB] OR GAMIMMUNE[TIAB] OR PRIVIGEN[TIAB] OR SANDOGLOBULIN[TIAB] OR VENOGLOBULIN*[TIAB] OR IVEEGAM[TIAB] OR ALPHAGLOBIN[TIAB] OR ENDOBULIN[TIAB] OR "GAMIMUNE N"[TIAB] OR "GAMIMMUNE N"[TIAB] OR GAMMONATIV[TIAB]) OR ("PLASMAPHERESIS"[MESH] OR PLASMAPHERES*[TIAB]) OR (DISEASE ACTIVITY SCORE*[TIAB] OR JADA[TIAB] OR JADAS*[TIAB] OR JADI[TIAB] OR DISEASE ACTIVITY INDEX[TIAB] OR PATIENT GLOBAL ASSESSMENT*[TIAB] OR PHYSICAL GLOBAL ASSESSMENT*[TIAB] OR PHYSICIAN GLOBAL ASSESSMENT*[TIAB] OR PGA-VAS[TIAB] OR PtGA[TIAB]) OR ("SEROISITIS"[MESH] OR SEROSIT*) OR (INTERLEUKIN-6 INHIBITOR*[TIAB] OR IL-6 INHIBITOR*[TIAB] OR INTERLEUKIN-1 INHIBITOR*[TIAB] OR IL-1 INHIBITOR*[TIAB] OR "INTERLEUKIN-6/ANTAGONISTS AND INHIBITORS"[MESH] OR "INTERLEUKIN-1/ANTAGONISTS AND INHIBITORS"[MESH] OR "RECEPTORS, INTERLEUKIN-6/ANTAGONISTS AND INHIBITORS"[MESH] OR "RECEPTORS, INTERLEUKIN-1/ANTAGONISTS AND INHIBITORS"[MESH] OR "RILONACEPT"[SUPPLEMENTARY CONCEPT] OR RILONACEPT[TIAB] OR INTERLEUKIN-1 BLOCKER*[TIAB] OR IL-1 BLOCKER*[TIAB] OR IL-1 BLOCKADE*[TIAB] OR INTERLEUKIN-1 BLOCKADE*[TIAB] OR INTERLEUKIN-6 BLOCKER*[TIAB] OR IL-6 BLOCKER*[TIAB] OR IL-6 BLOCKADE*[TIAB] OR INTERLEUKIN-6 BLOCKADE*[TIAB] OR "CANAKINUMAB"[SUPPLEMENTARY CONCEPT] OR CANAKINUMAB[TIAB] OR ILARIS[TIAB] OR ACZ-885[TIAB] OR ACZ885[TIAB] OR ANTI-INTERLEUKIN-1*[TIAB] OR ANTI-IL-1*[TIAB] OR ANTI-INTERLEUKIN-6*[TIAB] OR ANTI-IL-6*[TIAB] OR ANAKINRA[TW] OR KINERET[TW] OR ANTRIL[TW] OR SARILUMAB[SUPPLEMENTARY CONCEPT] OR SARILUMAB[TIAB]) OR

(SENDOXAN[TIAB] OR B-518[TIAB] OR B518[TIAB] OR CYTOPHOSPHANE[TIAB] OR CYTOXAN[TIAB] OR ENDOXAN[TIAB] OR NEOSAR[TIAB] OR NSC-26271[TIAB] OR NSC26271[TIAB] OR PROCYTOX[TIAB] OR CYCLOPHOSPHANE[TIAB] OR CYCLOPHOSPHAMIDE[MESH] OR CYCLOPHOSPHAMIDE*[TIAB]) OR (ABATACEPT[TW] OR LEA29Y[TIAB] OR BMS224818[TIAB] OR BMS-224818[TIAB] OR BELATACEPT[TIAB] OR ORENCIA[TIAB] OR BMS-188667[TIAB] OR CTLA-4-IG[TIAB] OR "CYTOTOXIC T LYMPHOCYTE-ASSOCIATED ANTIGEN 4-IMMUNOGLOBULIN"[TIAB] OR CTLA4-IG*[TIAB] OR CTLA4-FC[TIAB] OR NULOJIX[TIAB]) OR (RITUXIMAB[TW] OR MABTHERA[TIAB] OR IDEC-C2B8 ANTIBODY[TIAB] OR IDEC-C2B8[TIAB] OR GP2013[TIAB] OR RITUXAN[TIAB]) OR ("BONE MARROW TRANSPLANTATION"[MESH] OR BONE MARROW TRANSPLANT*[TIAB] OR BONE MARROW GRAFT*[TIAB] OR BONE MARROW CELL TRANSPLANT*[TIAB] OR "MESENCHYMAL STEM CELL TRANSPLANTATION"[MESH] OR MESENCHYMAL STEM CELL TRANSPLANTATION*[TIAB]) OR ("S100A12 PROTEIN"[MESH] OR "S100 A12"[TIAB] OR MRP-6 PROTEIN[TIAB] OR CALGRANULIN C PROTEIN[TIAB] OR EN-RAGE PROTEIN[TIAB] OR CAAF1 PROTEIN[TIAB] OR S100A12[TIAB]) OR (TAPERING[TIAB] OR TAPER[TIAB] OR TAPERS[TIAB] OR TAPERED[TIAB])) OR (((ARTHRITIS, JUVENILE[MESH] AND (JIA[TIAB] OR JRA[TIAB] OR IDIOPATHIC*[TIAB])) OR (JUVENILE IDIOPATHIC ARTHRIT*[TIAB] OR JUVENILE CHRONIC ARTHRIT*[TIAB] OR CHRONIC JUVENILE ARTHRIT*[TIAB] OR JUVENILE RHEUMATOID ARTHRIT*[TW] OR JUVENILE IDIOPATHIC ARTHROS*[TIAB]) OR (SJIA[TIAB] OR STILLS DISEASE*[TIAB] OR "STILL'S DISEASE"[TIAB] OR STILL DISEASE*[TIAB] OR JUVENILE SYSTEMIC ARTHRIT*[TIAB] OR SYSTEMIC JUVENILE ARTHRIT*[TIAB] OR JUVENILE SYSTEMIC IDIOPATHIC ARTHRIT*[TIAB] OR SYSTEMIC JUVENILE IDIOPATHIC ARTHRIT*[TIAB] OR SYSTEMIC JIA[TIAB] OR SYSTEMIC JRA[TIAB] OR SYSTEMIC JUVENILE RHEUMATOID ARTHRIT*[TIAB] OR JUVENILE SYSTEMIC RHEUMATOID ARTHRIT*[TIAB] OR "RHEUMATOID ARTHRITIS, SYSTEMIC JUVENILE"[SUPPLEMENTARY CONCEPT] OR JUVENILE ONSET SYSTEMIC ARTHRIT*[TIAB] OR SYSTEMIC JUVENILE ONSET ARTHRIT*[TIAB]) AND (ENGLISH[LANG]) NOT (LETTER*[PT] OR COMMENT*[PT] OR EDITORIAL*[PT] OR CASE REPORT*[PT]) NOT ("ANIMALS"[MESH] NOT ("ANIMALS"[MESH] AND "HUMANS"[MESH]))) AND ("MACROPHAGE ACTIVATION SYNDROME"[MESH] OR MACROPHAGE ACTIVATION*[TIAB] OR "LYMPHOHISTIOCYTOSIS, HEMOPHAGOCYTIC"[MESH] OR HEMOPHAGOCYTIC LYMPHOHISTIOCYTOS*[TIAB] OR MAS[TIAB])) AND (("PULSE THERAPY, DRUG"[MESH] OR PULSE DOSE*[TIAB] OR PULSED[TIAB] OR PULSE THERAP*[TIAB] OR "ADMINISTRATION, INTRAVENOUS"[MESH] OR INTRAVENOUS*[TW] OR IV[TIAB]) OR (CALCINEURIN INHIBITOR*[TW] OR PROTEIN PHOSPHATASE-2B INHIBITOR*[TIAB] OR PROTEIN PHOSPHATASE 3 INHIBITOR*[TIAB] OR CALCINEURIN ANTAGONIST*[TIAB] OR CALCINEURIN BLOCKER*[TIAB] OR PROGRAF[TIAB] OR PROGRAFT[TIAB] OR FR-900506[TIAB] OR FR900506[TIAB] OR FK-506[TIAB] OR FK506[TIAB] OR "33-EPI-CHLORO-33-DESOXYASCOMYCIN"[TIAB] OR SDZ-ASM-981[TIAB] OR "ASM 981"[TIAB] OR ELIDEL[TIAB] OR TACROLIMUS OR CYCLOSPORIN OR CYCLOSPORINE OR CICLOSPORINE OR "MUSTOPIC OINT" OR TSUKUBAENOLIDE OR CIPOL OR CYCLOKAT OR DEXIMUNE OR IMPLANTA OR IMMUNOSPORIN OR IMUSPORIN OR VEKACIA OR PROGRAF OR ADVAGRAF OR HECORIA OR GENGRAF OR ASTAGRAF OR "OL-27-400" OR "CSA-NEORAL" OR "CYA-NOF" OR NEURAL))) OR (("LEUKOCYTE COUNT"[MESH] OR LEUKOCYTE

COUNT*[TIAB] OR LEUKOCYTE NUMBER*[TIAB] OR WHITE BLOOD CELL COUNT*[TIAB] OR
 "PLATELET COUNT"[MESH] OR PLATELET COUNT*[TIAB] OR PLATELET NUMBER*[TIAB] OR
 POLYMORPHONUCLEAR LEUKOCYTE*[TIAB] OR LE CELLS[TIAB] OR LE CELL[TIAB] OR "LIVER
 FUNCTION TESTS"[MESH] OR LIVER ENZYME*[TW] OR LIVER FUNCTION TEST*[TIAB] OR
 "BLOOD CELL COUNT"[MESH] OR CBC[TIAB] OR COMPLETE BLOOD COUNT*[TIAB] OR BLOOD
 CELL COUNT*[TIAB] OR BLOOD CELL NUMBER*[TIAB] OR "URINALYSIS"[MESH] OR
 URINALYS*[TW] OR "CREATININE"[MESH] OR CREATININE[TW] OR KREBIOZEN OR LOW
 DENSITY LIPOPROTEIN*[TIAB] OR HIGH DENSITY LIPOPROTEIN*[TIAB] OR LDL
 CHOLESTEROL[TIAB] OR HDL CHOLESTEROL[TIAB] OR "TRIGLYCERIDES"[MESH] OR
 TRIGLYCERIDE* OR "CHOLESTEROL"[MESH:noexp] OR TOTAL CHOLESTEROL[TIAB] OR
 "CHOLESTEROL, HDL"[MESH] OR "CHOLESTEROL, LDL"[MESH] OR LIPID PANEL*[TIAB]) AND
 ((((((ARTHRI*[TW] AND ("COSTEN'S SYNDROME"[TIAB] OR COSTEN SYNDROME[TIAB] OR
 TEMPOROMANDIBULAR[TW] OR TMJ[TIAB])) OR (OJIA[TIAB] OR ("ARTHRITIS, JUVENILE"[MESH]
 OR JUVENILE ARTHRIT*[TIAB] OR JUVENILE CHRONIC ARTHRIT*[TIAB] OR JIA[TIAB] OR
 JRA[TIAB] OR JUVENILE RHEUMATOID ARTHRIT*[TIAB]) AND (OLIGO ARTICULAR*[TW] OR
 OLIGO-ARTICULAR*[TW] OR OLIGOARTICULAR*[TW]) OR (OLIGOARTHRI*[TIAB] OR OLIGO-
 ARTHRIT*[TIAB])) OR ((ARTHRI*[MESH] AND (JIA[TIAB] OR JRA[TIAB] OR
 IDIOPATHIC*[TIAB])) OR (JUVENILE IDIOPATHIC ARTHRIT*[TIAB] OR JUVENILE CHRONIC
 ARTHRIT*[TIAB] OR CHRONIC JUVENILE ARTHRIT*[TIAB] OR JUVENILE RHEUMATOID
 ARTHRIT*[TW] OR JUVENILE IDIOPATHIC ARTHROS*[TIAB])) AND (ENGLISH[LANG])) NOT (CASE
 REPORT*[PT] OR LETTER*[PT] OR COMMENT*[PT] OR EDITORIAL*[PT])) NOT
 ("ANIMALS"[MESH] NOT ("ANIMALS"[MESH] AND "HUMANS"[MESH])) NOT ("ADULT"[MESH]
 NOT ("ADULT"[MESH] AND "CHILD"[MESH] OR "INFANT"[MESH] OR "ADOLESCENT"[MESH]))
 OR ((ARTHRI*[MESH] AND (JIA[TIAB] OR JRA[TIAB] OR IDIOPATHIC*[TIAB])) OR
 (JUVENILE IDIOPATHIC ARTHRIT*[TIAB] OR JUVENILE CHRONIC ARTHRIT*[TIAB] OR CHRONIC
 JUVENILE ARTHRIT*[TIAB] OR JUVENILE RHEUMATOID ARTHRIT*[TW] OR JUVENILE IDIOPATHIC
 ARTHROS*[TIAB]) OR (SJIA[TIAB] OR STILLS DISEASE*[TIAB] OR "STILL'S DISEASE"[TIAB] OR STILL
 DISEASE*[TIAB] OR JUVENILE SYSTEMIC ARTHRIT*[TIAB] OR SYSTEMIC JUVENILE
 ARTHRIT*[TIAB] OR JUVENILE SYSTEMIC IDIOPATHIC ARTHRIT*[TIAB] OR SYSTEMIC JUVENILE
 IDIOPATHIC ARTHRIT*[TIAB] OR SYSTEMIC JIA[TIAB] OR SYSTEMIC JRA[TIAB] OR SYSTEMIC
 JUVENILE RHEUMATOID ARTHRIT*[TIAB] OR JUVENILE SYSTEMIC RHEUMATOID ARTHRIT*[TIAB]
 OR "RHEUMATOID ARTHRITIS, SYSTEMIC JUVENILE"[SUPPLEMENTARY CONCEPT] OR JUVENILE
 ONSET SYSTEMIC ARTHRIT*[TIAB] OR SYSTEMIC JUVENILE ONSET ARTHRIT*[TIAB]) AND
 (ENGLISH[LANG]) NOT (LETTER*[PT] OR COMMENT*[PT] OR EDITORIAL*[PT] OR CASE
 REPORT*[PT]) NOT ("ANIMALS"[MESH] NOT ("ANIMALS"[MESH] AND "HUMANS"[MESH]))
 AND (("METHOTREXATE"[MESH] OR METHOTREXATE*[TIAB] OR AMETHOPTERIN[TIAB] OR
 MEXATE[TIAB] OR "SULFASALAZINE"[MESH] OR SULFASALAZINE*[TIAB] OR
 SALICYLAZOSULFAPYRIDINE[TIAB] OR SULPHASALAZINE[TIAB] OR SALAZOSULFAPYRIDINE[TIAB]
 OR "PYRALIN EN"[TIAB] OR AZULFIDINE[TIAB] OR ASULFIDINE[TIAB] OR COLO-PLEON[TIAB] OR
 PLEON[TIAB] OR "SULFASALAZIN MEDAC"[TIAB] OR "SULFASALAZIN-HEYL"[TIAB] OR
 UCINE[TIAB] OR SALAZOPYRIN[TIAB] OR LEFLUNOMIDE[TW] OR HWA-486[TIAB] OR

HWA486[TIAB] OR SU101[TIAB] OR ARAVA[TIAB] OR "HYDROXYCHLOROQUINE"[TW] OR OXYCHLOROQUINE[TIAB] OR PLAQUENIL[TIAB] OR TUMOR NECROSIS FACTOR INHIBITOR*[TIAB] OR TUMOUR NECROSIS FACTOR INHIBITOR*[TIAB] OR TNFALPHA INHIBITOR*[TIAB] OR TNF-ALPHA INHIBITOR*[TIAB] OR TNF INHIBITOR*[TIAB] OR ANTI-TUMOR NECROSIS FACTOR*[TIAB] OR ANTI-TUMOUR NECROSIS FACTOR*[TIAB] OR ANTI-TNF*[TIAB] OR "TUMOR NECROSIS FACTOR-ALPHA/ANTAGONISTS AND INHIBITORS"[MESH] OR TNFI[TIAB] OR ABATACEPT[TW] OR LEA29Y[TIAB] OR BMS224818[TIAB] OR BMS-224818[TIAB] OR BELATACEPT[TIAB] OR ORENCIA[TIAB] OR BMS-188667[TIAB] OR CTLA-4-IG[TIAB] OR "CYTOTOXIC T LYMPHOCYTE-ASSOCIATED ANTIGEN 4-IMMUNOGLOBULIN"[TIAB] OR CTLA4-IG*[TIAB] OR CTLA4-FC[TIAB] OR NULOJIX[TIAB] OR "TOCILIZUMAB"[SUPPLEMENTARY CONCEPT] OR TOCILIZUMAB[TIAB] OR ATLIZUMAB[TIAB] OR ACTEMRA[TIAB] OR ANAKINRA[TW] OR KINERET[TIAB] OR ANTRIL[TIAB] OR "CANAKINUMAB"[SUPPLEMENTARY CONCEPT] OR CANAKINUMAB[TIAB] OR ILARIS[TIAB] OR ACZ-885[TIAB] OR ACZ885[TIAB]) OR ("ANTI-INFLAMMATORY AGENTS, NON-STEROIDAL"[MESH] OR NSAID*[TIAB] OR NON-STEROIDAL ANTI-INFLAMMATOR*[TW]) OR (NONSTEROIDAL ANTI-INFLAMMATORY AGENT*[TIAB] OR NONSTEROIDAL ANTIINFLAMMATORY AGENT*[TIAB] OR ANTI-INFLAMMATORY ANALGESIC*[TIAB]) OR ("ANTI-INFLAMMATORY AGENTS, NON-STEROIDAL"[PHARMACOLOGICAL ACTION]) OR (ACECLOFENAC OR ACETMETACIN OR ACETOSYRINGONE OR ACETOVANILLONE OR ADAPALENE OR ALCLOFENAC OR ALMINOPROFEN OR AMIPRILOSE OR AMPYRONE OR ANDROGRAPHOLIDE OR ANISODAMINE OR ANISODINE OR ANTIPYRINE OR APAZONE OR APREMILAST OR ARTEPARON OR ARTHROTEC OR ASPIRIN OR ATRINOSITOL OR AZULENE OR BAICALIN OR BALSALAZIDE OR BENDAZAC OR BENDAZAC LYSINE OR BENORILATE OR BENOXAPROFEN OR BENZOBARBITAL OR BERBAMINE OR BEVONIUM OR BOLDINE OR BROMFENAC OR BUCILLAMINE OR BUFEXAMAC OR BUMADIZONE OR BUTIBUFEN OR CARPROFEN OR CARYOPHYLLENE OR CASTANOSPERMINE OR CELECOXIB OR CEPHARANTHINE OR CHLOROQUINE DIPHOSPHATE OR CHOLINE MAGNESIUM TRISALICYLATE OR CHRYSAROBIN OR CLONIXIN OR CURCUMIN OR DAURICINE OR DEXKETOPROFEN TROMETAMOL OR DICLOFENAC OR DIFENPIRAMIDE OR DIFLUNISAL OR DIMEPHOSPHON OR DIPYRONE OR DIUCIFON OR DROXICAM OR EBSELEN OR ECALLANTIDE OR ELTENAC OR EPIRIZOLE OR ETANERCEPT OR ETHENZAMIDE OR ETHONIUM OR ETODOLAC OR ETOFENAMATE OR ETORICOXIB OR FENBUFEN OR FENCLOFENAC OR FENFLUMIZOLE OR FENOPROFEN OR FENTIAZAC OR FEPRADINOL OR FEPRAZONE OR FLOCTAFENINE OR FLOSULIDE OR FLUNIXIN OR FLUNOXAPROFEN OR FLUPROQUAZONE OR FLURBIPROFEN OR GLUCAMETACIN OR GUACETISAL OR HELENALIN OR HELIODERMIN OR HEMODES OR HIGENAMINE OR IBUPROFEN OR IBUPROXAM OR ICATIBANT OR INDOBUFEN OR INDOMETHACIN OR INDOPROFEN OR IODOANTIPYRINE OR ISOXICAM OR KEBUZONE OR KETOPROFEN OR KETOROLAC OR LICOFELONE OR LISOFYLLINE OR LOBENZARIT OR LONAZOLAC OR LORNOXICAM OR LOXOPROFEN OR LUMIRACOXIB OR MAGNOLOL OR MANOALIDE OR MASOPROCOL OR MELOXICAM OR MESALAMINE OR MIZORIBINE OR MOFEBUTAZONE OR MOFEZOLAC OR NABUMETONE OR NAFAMOSTAT OR NAPROXEN OR NEBACETIN OR NEPAFENAC OR NIFENAZONE OR NIMESULIDE OR NITROASPIRIN OR OLSALAZINE OR OLVANIL OR ORGOTEIN OR

OXAPROZIN OR OXYPHENBUTAZONE OR PALMIDROL OR PARECOXIB OR PARTHENOLIDE OR PEONIFLORIN OR PHENIDONE OR PHENYLBUTAZONE OR PIMECROLIMUS OR PIRFENIDONE OR PIROXICAM OR PIRPROFEN OR PROGLUMETACIN OR PROPACETAMOL OR PROPIONYL-CARNITINE OR PROPYPHENAZONE OR PROQUAZONE OR PYRANOPROFEN OR PYRAZOLONE OR PYROGENAL OR RESVERATROL OR RNS60 OR ROFECOXIB OR RUMALON OR SAIKO-KEISHI-TO OR SAIKOSAPONIN OR SALICIN OR SALICYLAMIDE OR SALICYLATES OR "SALICYLSALICYLIC ACID" OR SEMAPIMOD OR SERATRODAST OR SERRATIOPEPTIDASE OR SHIKONIN OR SINAPALDEHYDE OR SODIUM SALICYLATE OR SUL-121 OR SULFASALAZINE OR SULINDAC OR SUPROFEN OR SUXIBUZONE OR TANSHINONE OR TAXIFOLIN OR TENIDAP OR TENOXICAM OR TEPOXALIN OR TIARAMIDE OR TINORIDINE OR TOLMETIN OR TRANILAST OR TRIBENOSIDE OR VALDECOXIB OR ZILEUTON OR ZOMEPIRAC) OR (CELEBREX OR SC-58635 OR SC58635) OR (ETODOLIC* OR ULTRADOL OR LODINE OR RAMODAR OR AY-24236) OR (CP-16171 OR CP16171 OR FELDENE) OR (DICLOPHENAC OR DICROFENAC OR DICHLOFENAL OR "DICLONATE P" OR FELORAN OR VOLTAROL OR NOVAPIRINA OR ORTHOFEN OR ORTOFEN OR ORTHOPHEN OR SR-38 OR VOLTAREN) OR (NABUMETON OR RELIFEX OR RELIF OR APO-NABUMETONE OR APONABUMETONE OR MEBUTAN OR LISTRAN OR GEN-NABUMETONE OR ARTHRAXAN OR RHOXAL-NABUMETONE OR RELAFEN OR NABUCOX) OR (MILOXICAM OR PAROCIN OR MOBIC OR MOBICOX OR MOBEC OR MASFLEX OR MOVICOX OR REUMOXICAM OR UTICOX OR MOVALIS) OR ("INDOMETHACIN"[MESH] OR INDOMETACIN OR OSMOSIN OR INDOCID OR METINDOL OR AMUNO OR INDOCIN) OR (TOLECTIN OR MCN-2559) OR (MOTRIN OR NUPRIN OR RUFEN OR SALPROFEN OR BRUFEN) OR (METHOXYPROPIOCIN OR ANAPROX OR ALEVE OR PROXEN OR SYN-FLEX OR NAPROSIN OR NAPROSYN)))) OR (((((((ARTHRI* [TW] AND ("COSTEN'S SYNDROME"[TIAB] OR COSTEN SYNDROME[TIAB] OR TEMPOROMANDIBULAR[TW] OR TMJ[TIAB])) OR (OJIA[TIAB] OR ("ARTHRITIS, JUVENILE"[MESH] OR JUVENILE ARTHRIT*[TIAB] OR JUVENILE CHRONIC ARTHRIT*[TIAB] OR JIA[TIAB] OR JRA[TIAB] OR JUVENILE RHEUMATOID ARTHRIT*[TIAB]) AND (OLIGO ARTICULAR*[TW] OR OLIGO-ARTICULAR*[TW] OR OLIGOARTICULAR*[TW]) OR (OLIGOARTHRI* [TIAB] OR OLIGO-ARTHRI* [TIAB])) OR ((ARTHRI* [MESH] AND (JIA[TIAB] OR JRA[TIAB] OR IDIOPATHIC*[TIAB])) OR (JUVENILE IDIOPATHIC ARTHRIT*[TIAB] OR JUVENILE CHRONIC ARTHRIT*[TIAB] OR CHRONIC JUVENILE ARTHRIT*[TIAB] OR JUVENILE RHEUMATOID ARTHRIT*[TW] OR JUVENILE IDIOPATHIC ARTHROS*[TIAB])) AND (ENGLISH[LANG])) NOT (CASE REPORT*[PT] OR LETTER*[PT] OR COMMENT*[PT] OR EDITORIAL*[PT])) NOT ("ANIMALS"[MESH] NOT ("ANIMALS"[MESH] AND "HUMANS"[MESH])) NOT ("ADULT"[MESH] NOT ("ADULT"[MESH] AND "CHILD"[MESH] OR "INFANT"[MESH] OR "ADOLESCENT"[MESH])) OR ((ARTHRI* [MESH] AND (JIA[TIAB] OR JRA[TIAB] OR IDIOPATHIC*[TIAB])) OR (JUVENILE IDIOPATHIC ARTHRIT*[TIAB] OR JUVENILE CHRONIC ARTHRIT*[TIAB] OR CHRONIC JUVENILE ARTHRIT*[TIAB] OR JUVENILE RHEUMATOID ARTHRIT*[TW] OR JUVENILE IDIOPATHIC ARTHROS*[TIAB]) OR (SJIA[TIAB] OR STILLS DISEASE*[TIAB] OR "STILL'S DISEASE"[TIAB] OR STILL DISEASE*[TIAB] OR JUVENILE SYSTEMIC ARTHRIT*[TIAB] OR SYSTEMIC JUVENILE ARTHRIT*[TIAB] OR JUVENILE SYSTEMIC IDIOPATHIC ARTHRIT*[TIAB] OR SYSTEMIC JUVENILE IDIOPATHIC ARTHRIT*[TIAB] OR SYSTEMIC JIA[TIAB] OR SYSTEMIC JRA[TIAB] OR SYSTEMIC JUVENILE RHEUMATOID ARTHRIT*[TIAB] OR JUVENILE

SYSTEMIC RHEUMATOID ARTHRIT*[TIAB] OR "RHEUMATOID ARTHRITIS, SYSTEMIC JUVENILE"[SUPPLEMENTARY CONCEPT] OR JUVENILE ONSET SYSTEMIC ARTHRIT*[TIAB] OR SYSTEMIC JUVENILE ONSET ARTHRIT*[TIAB]) AND (ENGLISH[LANG]) NOT (LETTER*[PT] OR COMMENT*[PT] OR EDITORIAL*[PT] OR CASE REPORT*[PT]) NOT ("ANIMALS"[MESH] NOT ("ANIMALS"[MESH] AND "HUMANS"[MESH]))) AND (SERIOUS INFECTION*[TIAB] OR HERPES VIRUS VARICELLAE[TIAB] OR HERPESVIRUS 3[TIAB] OR ZONA VIRUS[TIAB] OR VARICELLA*[TW] OR HERPES ZOSTER[TW] OR "HEPATITIS C"[MESH] OR HEPATITIS C[TIAB] OR PT-NANBH[TIAB] OR "HEPATITIS B"[MESH] OR HEPATITIS B[TIAB] OR "CHICKENPOX"[MESH] OR CHICKENPOX OR HERPESVIRUS 3[TIAB] OR CHICKEN POX[TIAB] OR "MEASLES"[MESH] OR MEASLES[TIAB] OR RUBEOLA[TIAB] OR RUBELLA[TIAB])) OR ((((((ARTHRI*[TW] AND ("COSTEN'S SYNDROME"[TIAB] OR COSTEN SYNDROME[TIAB] OR TEMPOROMANDIBULAR[TW] OR TMJ[TIAB])) OR (OJIA[TIAB] OR ("ARTHRITIS, JUVENILE"[MESH] OR JUVENILE ARTHRIT*[TIAB] OR JUVENILE CHRONIC ARTHRIT*[TIAB] OR JIA[TIAB] OR JRA[TIAB] OR JUVENILE RHEUMATOID ARTHRIT*[TIAB]) AND (OLIGO ARTICULAR*[TW] OR OLIGO-ARTICULAR*[TW] OR OLIGOARTICULAR*[TW]) OR (OLIGOARTHRI*[TIAB] OR OLIGO-ARTHRI*[TIAB])) OR ((ARTHRI, JUVENILE[MESH] AND (JIA[TIAB] OR JRA[TIAB] OR IDIOPATHIC*[TIAB])) OR (JUVENILE IDIOPATHIC ARTHRIT*[TIAB] OR JUVENILE CHRONIC ARTHRIT*[TIAB] OR CHRONIC JUVENILE ARTHRIT*[TIAB] OR JUVENILE RHEUMATOID ARTHRIT*[TW] OR JUVENILE IDIOPATHIC ARTHROS*[TIAB])) AND (ENGLISH[LANG])) NOT (CASE REPORT*[PT] OR LETTER*[PT] OR COMMENT*[PT] OR EDITORIAL*[PT])) NOT ("ANIMALS"[MESH] NOT ("ANIMALS"[MESH] AND "HUMANS"[MESH]))) NOT ("ADULT"[MESH] NOT ("ADULT"[MESH] AND "CHILD"[MESH] OR "INFANT"[MESH] OR "ADOLESCENT"[MESH])) OR ((ARTHRI, JUVENILE[MESH] AND (JIA[TIAB] OR JRA[TIAB] OR IDIOPATHIC*[TIAB])) OR (JUVENILE IDIOPATHIC ARTHRIT*[TIAB] OR JUVENILE CHRONIC ARTHRIT*[TIAB] OR CHRONIC JUVENILE ARTHRIT*[TIAB] OR JUVENILE RHEUMATOID ARTHRIT*[TW] OR JUVENILE IDIOPATHIC ARTHROS*[TIAB]) OR (SJIA[TIAB] OR STILLS DISEASE*[TIAB] OR "STILL'S DISEASE"[TIAB] OR STILL DISEASE*[TIAB] OR JUVENILE SYSTEMIC ARTHRIT*[TIAB] OR SYSTEMIC JUVENILE ARTHRIT*[TIAB] OR JUVENILE SYSTEMIC IDIOPATHIC ARTHRIT*[TIAB] OR SYSTEMIC JUVENILE IDIOPATHIC ARTHRIT*[TIAB] OR SYSTEMIC JIA[TIAB] OR SYSTEMIC JRA[TIAB] OR SYSTEMIC JUVENILE RHEUMATOID ARTHRIT*[TIAB] OR JUVENILE SYSTEMIC RHEUMATOID ARTHRIT*[TIAB] OR "RHEUMATOID ARTHRITIS, SYSTEMIC JUVENILE"[SUPPLEMENTARY CONCEPT] OR JUVENILE ONSET SYSTEMIC ARTHRIT*[TIAB] OR SYSTEMIC JUVENILE ONSET ARTHRIT*[TIAB]) AND (ENGLISH[LANG]) NOT (LETTER*[PT] OR COMMENT*[PT] OR EDITORIAL*[PT] OR CASE REPORT*[PT]) NOT ("ANIMALS"[MESH] NOT ("ANIMALS"[MESH] AND "HUMANS"[MESH]))) AND ("TUBERCULOSIS"[MESH] OR TUBERCULOS* OR "KOCH'S DISEASE"[TIAB] OR KOCH DISEASE[TIAB] OR KOCHS DISEASE[TIAB] OR MYCOBACTERIUM[TW] OR "TUBERCULIN TEST"[MESH] OR TUBERCULIN TEST*[TIAB] OR LTBI[TIAB]) AND (BIOLOGIC DISEASE MODIF*[TIAB] OR BIOLOGIC RESPONSE MODIF*[TIAB] OR BIOLOGIC AGENT*[TIAB] OR BIOLOGIC DRUG*[TIAB] OR DISEASE-MODIFYING ANTIRHEUMATIC*[TIAB] OR DISEASE-MODIFYING ANTI-RHEUMATIC*[TIAB] OR DMARD*[TIAB] OR "RECEPTORS, INTERLEUKIN-6/ANTAGONISTS AND INHIBITORS"[MESH] OR "RECEPTORS, INTERLEUKIN-1/ANTAGONISTS AND INHIBITORS"[MESH] OR INTERLEUKIN-1 BLOCKER*[TIAB]

OR IL-1 BLOCKER*[TIAB] OR IL-1 BLOCKADE*[TIAB] OR INTERLEUKIN-1 BLOCKADE*[TIAB] OR INTERLEUKIN-6 BLOCKER*[TIAB] OR IL-6 BLOCKER*[TIAB] OR IL-6 BLOCKADE*[TIAB] OR INTERLEUKIN-6 BLOCKADE*[TIAB] OR "CANAKINUMAB"[SUPPLEMENTARY CONCEPT] OR CANAKINUMAB[TIAB] OR ILARIS[TIAB] OR ACZ-885[TIAB] OR ACZ885[TIAB] OR ANTI-INTERLEUKIN-1*[TIAB] OR ANTI-IL-1*[TIAB] OR ANTI-INTERLEUKIN-6*[TIAB] OR ANTI-IL-6*[TIAB] OR ANAKINRA[TW] OR KINERET[TW] OR ANTRIL[TW] OR "INTERLEUKIN-6/ANTAGONISTS AND INHIBITORS"[MESH] OR INTERLEUKIN-6 INHIBITOR*[TIAB] OR IL-6 INHIBITOR*[TIAB] OR INTERLEUKIN-1 INHIBITOR*[TIAB] OR "INTERLEUKIN-1/ANTAGONISTS AND INHIBITORS"[MESH] OR IL-1 INHIBITOR*[TIAB] OR "RILONACEPT"[SUPPLEMENTARY CONCEPT] OR RILONACEPT[TIAB] OR TUMOR NECROSIS FACTOR INHIBITOR*[TIAB] OR TUMOUR NECROSIS FACTOR INHIBITOR*[TIAB] OR TNFALPHA INHIBITOR*[TIAB] OR TNF-ALPHA INHIBITOR*[TIAB] OR TNF INHIBITOR*[TIAB] OR ANTI-TUMOR NECROSIS FACTOR*[TIAB] OR ANTI-TUMOUR NECROSIS FACTOR*[TIAB] OR ANTI-TNF*[TIAB] OR "TUMOR NECROSIS FACTOR-ALPHA/ANTAGONISTS AND INHIBITORS"[MESH] OR TNFI[TIAB] OR "ADALIMUMAB"[MESH] OR ADALIMUMAB[TIAB] OR HUMIRA[TIAB] OR ADALIMUMAB-ADB[M] OR AMJEVITA[TIAB] OR ADALIMUMAB-ATTO[TIAB] OR CYLTEZO[TIAB] OR ETANERCEPT[TIAB] OR "TNFR-FC FUSION PROTEIN"[TIAB] OR "TNR 001"[TIAB] OR "TNT RECEPTOR FUSION PROTEIN"[TIAB] OR TNR-001[TIAB] OR ETANERCEPT-SZZS[TIAB] OR "TNF RECEPTOR TYPE II-IGG FUSION PROTEIN"[TIAB] OR ERELZI[TIAB] OR ENBREL[TIAB] OR INFlixIMAB*[TW] OR "MONOCLONAL ANTIBODY CA2"[TIAB] OR "MAB CA2"[TIAB] OR RENFLEXIS[TIAB] OR INFLECTRA[TIAB] OR REMICADE[TIAB] OR "GOLIMUMAB"[SUPPLEMENTARY CONCEPT] OR GOLIMUMAB[TIAB] OR "CERTOLIZUMAB PEGOL"[TW] OR CIMZIA[TIAB] OR CDP870[TIAB] OR ABATACEPT[TW] OR LEA29Y[TIAB] OR BMS224818[TIAB] OR BMS-224818[TIAB] OR BELATACEPT[TIAB] OR ORENCIA[TIAB] OR BMS-188667[TIAB] OR CTLA-4-IG[TIAB] OR "CYTOTOXIC T LYMPHOCYTE-ASSOCIATED ANTIGEN 4-IMMUNOGLOBULIN"[TIAB] OR CTLA4-IG*[TIAB] OR CTLA4-FC[TIAB] OR NULOJIX[TIAB] OR "TOCILIZUMAB"[SUPPLEMENTARY CONCEPT] OR TOCILIZUMAB[TIAB] OR ATLIZUMAB[TIAB] OR ACTEMRA[TIAB] OR RITUXIMAB[TW] OR MABTHERA[TIAB] OR IDEC-C2B8 ANTIBODY[TIAB] OR IDEC-C2B8[TIAB] OR GP2013[TIAB] OR RITUXAN[TIAB] OR "TOFACITINIB"[SUPPLEMENTARY CONCEPT] OR TOFACITINIB[TW] OR TASOCITINIB[TIAB] OR XELJANZ[TIAB] OR CP690550[TIAB] OR CP-690550[TIAB] OR CP 690550[TIAB] OR "SECUKINUMAB"[SUPPLEMENTARY CONCEPT] OR SECUKINUMAB[TIAB] OR COSENTYX[TIAB] OR AIN457[TIAB] OR AIN-457[TIAB])) OR (((((((ARTHRI*[TW] AND ("COSTEN'S SYNDROME"[TIAB] OR COSTEN SYNDROME[TIAB] OR TEMPOROMANDIBULAR[TW] OR TMJ[TIAB])) OR (OJIA[TIAB] OR ("ARTHRITIS, JUVENILE"[MESH] OR JUVENILE ARTHRI*[TIAB] OR JUVENILE CHRONIC ARTHRI*[TIAB] OR JIA[TIAB] OR JRA[TIAB] OR JUVENILE RHEUMATOID ARTHRI*[TIAB])) AND (OLIGO ARTICULAR*[TW] OR OLIGO-ARTICULAR*[TW] OR OLIGOARTICULAR*[TW]) OR (OLIGOARTHRI*[TIAB] OR OLIGO-ARTHRI*[TIAB])) OR ((ARTHRITIS, JUVENILE[MESH] AND (JIA[TIAB] OR JRA[TIAB] OR IDIOPATHIC*[TIAB])) OR (JUVENILE IDIOPATHIC ARTHRI*[TIAB] OR JUVENILE CHRONIC ARTHRI*[TIAB] OR CHRONIC JUVENILE ARTHRI*[TIAB] OR JUVENILE RHEUMATOID ARTHRI*[TW] OR JUVENILE IDIOPATHIC ARTHROS*[TIAB])) AND (ENGLISH[LANG])) NOT (CASE REPORT*[PT] OR LETTER*[PT] OR COMMENT*[PT] OR EDITORIAL*[PT])) NOT

("ANIMALS"[MESH] NOT ("ANIMALS"[MESH] AND "HUMANS"[MESH])) NOT ("ADULT"[MESH] NOT ("ADULT"[MESH] AND "CHILD"[MESH] OR "INFANT"[MESH] OR "ADOLESCENT"[MESH])) OR ((ARTHRITIS, JUVENILE[MESH] AND (JIA[TIAB] OR JRA[TIAB] OR IDIOPATHIC*[TIAB])) OR (JUVENILE IDIOPATHIC ARTHRIT*[TIAB] OR JUVENILE CHRONIC ARTHRIT*[TIAB] OR CHRONIC JUVENILE ARTHRIT*[TIAB] OR JUVENILE RHEUMATOID ARTHRIT*[TW] OR JUVENILE IDIOPATHIC ARTHROS*[TIAB]) OR (SJIA[TIAB] OR STILLS DISEASE*[TIAB] OR "STILL'S DISEASE"[TIAB] OR STILL DISEASE*[TIAB] OR JUVENILE SYSTEMIC ARTHRIT*[TIAB] OR SYSTEMIC JUVENILE ARTHRIT*[TIAB] OR JUVENILE SYSTEMIC IDIOPATHIC ARTHRIT*[TIAB] OR SYSTEMIC JUVENILE IDIOPATHIC ARTHRIT*[TIAB] OR SYSTEMIC JIA[TIAB] OR SYSTEMIC JRA[TIAB] OR SYSTEMIC JUVENILE RHEUMATOID ARTHRIT*[TIAB] OR JUVENILE SYSTEMIC RHEUMATOID ARTHRIT*[TIAB] OR "RHEUMATOID ARTHRITIS, SYSTEMIC JUVENILE"[SUPPLEMENTARY CONCEPT] OR JUVENILE ONSET SYSTEMIC ARTHRIT*[TIAB] OR SYSTEMIC JUVENILE ONSET ARTHRIT*[TIAB]) AND (ENGLISH[LANG]) NOT (LETTER*[PT] OR COMMENT*[PT] OR EDITORIAL*[PT] OR CASE REPORT*[PT]) NOT ("ANIMALS"[MESH] NOT ("ANIMALS"[MESH] AND "HUMANS"[MESH])))) AND ("VACCINES"[MESH:noexp] OR VACCIN*[TW] OR "VACCINATION"[MESH] OR IMMUNIZ*[TW] OR IMMUNIS*[TW]) OR (((((((ARTHRTIT*[TW] AND ("COSTEN'S SYNDROME"[TIAB] OR COSTEN SYNDROME[TIAB] OR TEMPOROMANDIBULAR[TW] OR TMJ[TIAB])) OR (OJIA[TIAB] OR ("ARTHRITIS, JUVENILE"[MESH] OR JUVENILE ARTHRIT*[TIAB] OR JUVENILE CHRONIC ARTHRIT*[TIAB] OR JIA[TIAB] OR JRA[TIAB] OR JUVENILE RHEUMATOID ARTHRIT*[TIAB]) AND (OLIGO ARTICULAR*[TW] OR OLIGO-ARTICULAR*[TW] OR OLIGOARTICULAR*[TW]) OR (OLIGOARTHRTIT*[TIAB] OR OLIGO-ARTHRTIT*[TIAB])) OR ((ARTHRITIS, JUVENILE[MESH] AND (JIA[TIAB] OR JRA[TIAB] OR IDIOPATHIC*[TIAB])) OR (JUVENILE IDIOPATHIC ARTHRIT*[TIAB] OR JUVENILE CHRONIC ARTHRIT*[TIAB] OR CHRONIC JUVENILE ARTHRIT*[TIAB] OR JUVENILE RHEUMATOID ARTHRIT*[TW] OR JUVENILE IDIOPATHIC ARTHROS*[TIAB])) AND (ENGLISH[LANG])) NOT (CASE REPORT*[PT] OR LETTER*[PT] OR COMMENT*[PT] OR EDITORIAL*[PT])) NOT ("ANIMALS"[MESH] NOT ("ANIMALS"[MESH] AND "HUMANS"[MESH])) NOT ("ADULT"[MESH] NOT ("ADULT"[MESH] AND "CHILD"[MESH] OR "INFANT"[MESH] OR "ADOLESCENT"[MESH])) OR ((ARTHRITIS, JUVENILE[MESH] AND (JIA[TIAB] OR JRA[TIAB] OR IDIOPATHIC*[TIAB])) OR (JUVENILE IDIOPATHIC ARTHRIT*[TIAB] OR JUVENILE CHRONIC ARTHRIT*[TIAB] OR CHRONIC JUVENILE ARTHRIT*[TIAB] OR JUVENILE RHEUMATOID ARTHRIT*[TW] OR JUVENILE IDIOPATHIC ARTHROS*[TIAB]) OR (SJIA[TIAB] OR STILLS DISEASE*[TIAB] OR "STILL'S DISEASE"[TIAB] OR STILL DISEASE*[TIAB] OR JUVENILE SYSTEMIC ARTHRIT*[TIAB] OR SYSTEMIC JUVENILE ARTHRIT*[TIAB] OR JUVENILE SYSTEMIC IDIOPATHIC ARTHRIT*[TIAB] OR SYSTEMIC JUVENILE IDIOPATHIC ARTHRIT*[TIAB] OR SYSTEMIC JIA[TIAB] OR SYSTEMIC JRA[TIAB] OR SYSTEMIC JUVENILE RHEUMATOID ARTHRIT*[TIAB] OR JUVENILE SYSTEMIC RHEUMATOID ARTHRIT*[TIAB] OR "RHEUMATOID ARTHRITIS, SYSTEMIC JUVENILE"[SUPPLEMENTARY CONCEPT] OR JUVENILE ONSET SYSTEMIC ARTHRIT*[TIAB] OR SYSTEMIC JUVENILE ONSET ARTHRIT*[TIAB]) AND (ENGLISH[LANG]) NOT (LETTER*[PT] OR COMMENT*[PT] OR EDITORIAL*[PT] OR CASE REPORT*[PT]) NOT ("ANIMALS"[MESH] NOT ("ANIMALS"[MESH] AND "HUMANS"[MESH])))) AND ("RADIOLOGY"[MESH:noexp] OR RADIOLOG*[TIAB] OR "MAGNETIC RESONANCE IMAGING"[MESH:noexp] OR MAGNETIC

RESONANCE[TIAB] OR MR TOMOGRAPH*[TIAB] OR NMR TOMOGRAPH*[TIAB] OR
ZEUGMATOGRAPH*[TIAB] OR PROTON SPIN TOMOGRAPH*[TIAB] OR MRI SCAN*[TIAB] OR
FMRI[TIAB] OR FUNCTIONAL MRI*[TIAB] OR IMAGING*[TW] OR
"ULTRASONOGRAPHY"[MESH:noexp] OR ULTRASONOGRAPH*[TIAB] OR ECHOGRAPH*[TIAB] OR
ULTRASOUND*[TIAB] OR MEDICAL SONOGRAPH*[TIAB] OR ECHOTOMOGRAPH*[TIAB] OR
ULTRASONIC DIAGNOS*[TIAB] OR ULTRASONIC TOMOGRAPH*[TIAB] OR
"RADIOGRAPHY"[MESH] OR RADIOGRAPH*[TW] OR ROENTGENOGRAPH*[TIAB] OR "X-
RAYS"[MESH] OR X-RAY*[TW] OR XRAY*[TIAB] OR ROENTGEN RAY*[TIAB]))

Cochrane

Search Name: JIA PT 2

From database inception to August 3, 2019, then updated on July 8, 2020

ID Search

- #1 MeSH descriptor: [Arthritis, Juvenile] explode all trees
- #2 JUVENILE ARTHRIT* OR JUVENILE CHRONIC ARTHRIT* OR JIA OR JRA OR JUVENILE RHEUMATOID ARTHRIT*
- #3 OLIGO ARTICULAR* OR OLIGO-ARTICULAR* OR OLIGOARTICULAR*
- #4 (#1 or #2) and #3
- #5 oligoarthrit* OR OLIGO-ARTHRIT*
- #6 #4 OR #5
- #7 temporomandibular* OR TMJ
- #8 ARTHRIT*
- #9 "COSTEN'S SYNDROME" OR "COSTENS SYNDROME"
- #10 #7 OR #9
- #11 MeSH descriptor: [Arthritis, Juvenile] explode all trees
- #12 (#8 OR #11)

- #13 #10 AND #12
- #14 MeSH descriptor: [Arthritis, Juvenile] explode all trees
- #15 JIA OR JRA OR IDIOPATHIC*
- #16 #14 and #15
- #17 juvenile idiopathic arthrit* OR JUVENILE RHEUMATOID ARTHRIT*
- #18 JUVENILE CHRONIC ARTHRIT* OR CHRONIC JUVENILE ARTHRIT*
- #19 JUVENILE IDIOPATHIC ARTHROS*
- #20 #16 OR #17 OR #18 OR #19
- #21 #6 OR #13 OR #20 in Trials
- #22 EMBASE OR PUBMED
- #23 #21 NOT #22
- #24 SJIA
- #25 "STILLS DISEASE" OR "STILL'S DISEASE" OR "STILL DISEASE" OR "SYSTEMIC-ONSET JUVENILE ARTHRITIS" OR "JUVENILE SYSTEMIC-ONSET ARTHRITIS" OR "JUVENILE SYSTEMIC-ONSET IDIOPATHIC ARTHRITIS" OR "SYSTEMIC-ONSET JUVENILE IDIOPATHIC ARTHRITIS" OR "JUVENILE SYSTEMIC ARTHRITIS" OR "SYSTEMIC JUVENILE ARTHRITIS" OR "JUVENILE SYSTEMIC IDIOPATHIC ARTHRITIS" OR "SYSTEMIC JUVENILE IDIOPATHIC ARTHRITIS" OR "SYSTEMIC JIA" OR "SYSTEMIC-ONSET JIA" OR "SYSTEMIC-ONSET JRA" OR "SYSTEMIC-ONSET JUVENILE RHEUMATOID ARTHRITIS" OR "JUVENILE SYSTEMIC-ONSET RHEUMATOID ARTHRITIS" OR "SYSTEMIC JRA" OR "SYSTEMIC JUVENILE RHEUMATOID ARTHRITIS" OR "JUVENILE SYSTEMIC RHEUMATOID ARTHRITIS"
- #26 #24 OR #25
- #27 EMBASE OR PUBMED
- #28 #26 NOT #27
- #29 #28 OR #23

Embase

From 1974 to August 5, 2019, then updated on July 8, 2020

Search Strategy:

- 1 juvenile idiopathic <https://protect-us.mimecast.com/s/vHjYCjRnG1HEJWEfWKdp0?domain=arthritis.mp>. or exp juvenile rheumatoid arthritis/ (20816)
- 2 juvenile chronic <https://protect-us.mimecast.com/s/vHjYCjRnG1HEJWEfWKdp0?domain=arthritis.mp>. and (JIA or JRA or IDIOPATHIC).ti,ab. (109)
- 3 JUVENILE <https://protect-us.mimecast.com/s/ee-1CkRoJ1HI0xltVGL4i?domain=arthritis.mp>. and (JIA or JRA or IDIOPATHIC).ti,ab. (965)
- 4 1 or 2 or 3 (20836)
- 5 https://protect-us.mimecast.com/s/r7x0CIYpK1HGKQGfyk_je?domain=temporomandibular.mp. (27542)
- 6 TMJ.ti,ab. (9139)
- 7 ARTHRIT*.mp. (325914)
- 8 (costen's syndrome or COSTEN SYNDROME).ti,ab. (37)
- 9 5 or 6 or 8 (28456)
- 10 7 and 9 (1945)
- 11 (oligoarthrit* or oligo-arthrit*).mp. (1898)
- 12 (oligoarticular* or "oligo-articular" or "oligo articular").ti,ab. (1821)
- 13 juvenile idiopathic <https://protect-us.mimecast.com/s/vHjYCjRnG1HEJWEfWKdp0?domain=arthritis.mp>. or juvenile rheumatoid arthritis/ (20816)
- 14 (JIA or JRA).ti,ab. (9864)
- 15 13 or 14 (22532)
- 16 12 and 15 (1339)

- 17 11 or 16 (3111)
- 18 10 or 17 (4997)
- 19 adult/ or middle aged/ or young adult/ (6884305)
- 20 exp juvenile/ (3257587)
- 21 19 not (19 and 20) (5731897)
- 22 18 not 21 (3867)
- 23 4 not 21 (18650)
- 24 22 or 23 (20308)
- 25 limit 24 to (abstracts and human and english language and (article or article in press or "review")) (8795)
- 26 juvenile idiopathic <https://protect-us.mimecast.com/s/vHjYCjRnG1HEJWEfWKdp0?domain=arthritis.mp>. or exp juvenile rheumatoid arthritis/ (20816)
- 27 juvenile chronic <https://protect-us.mimecast.com/s/vHjYCjRnG1HEJWEfWKdp0?domain=arthritis.mp>. and (JIA or JRA or IDIOPATHIC).ti,ab. (109)
- 28 JUVENILE <https://protect-us.mimecast.com/s/ee-1CkRoJ1HI0xltVGL4i?domain=arthritis.mp>. and (JIA or JRA or IDIOPATHIC).ti,ab. (965)
- 29 26 or 27 or 28 (20836)
- 30 https://protect-us.mimecast.com/s/r7x0CIYpK1HGKQGfyk_je?domain=temporomandibular.mp. (27542)
- 31 TMJ.ti,ab. (9139)
- 32 ARTHRIT*.mp. (325914)
- 33 (costen's syndrome or COSTEN SYNDROME).ti,ab. (37)
- 34 30 or 31 or 33 (28456)
- 35 32 and 34 (1945)
- 36 (oligoarthrit* or oligo-arthrit*).mp. (1898)
- 37 (oligoarticular* or "oligo-articular" or "oligo articular").ti,ab. (1821)

- 38 juvenile idiopathic <https://protect-us.mimecast.com/s/vHjYCjRnG1HEJWEfWKdp0?domain=arthritis.mp>. or juvenile rheumatoid arthritis/ (20816)
- 39 (JIA or JRA).ti,ab. (9864)
- 40 38 or 39 (22532)
- 41 37 and 40 (1339)
- 42 36 or 41 (3111)
- 43 35 or 42 (4997)
- 44 adult/ or middle aged/ or young adult/ (6884305)
- 45 exp juvenile/ (3257587)
- 46 44 not (44 and 45) (5731897)
- 47 43 not 46 (3867)
- 48 29 not 46 (18650)
- 49 47 or 48 (20308)
- 50 limit 49 to (abstracts and human and english language and (article or article in press or "review")) (8795)
- 51 exp sugar intake/ (7416)
- 52 exp dietary supplement/ (9719)
- 53 <https://protect-us.mimecast.com/s/O8k4CmZEL5UXYOXH9M72b?domain=neutraceutical.mp>. (204)
- 54 <https://protect-us.mimecast.com/s/oB8zCn5zM1CwL8wUmoC16?domain=herbal.mp>. (60728)
- 55 exp diet/ (300636)
- 56 exp vitamin/ (598919)
- 57 LOW-SUGAR*.mp. (508)
- 58 GLUTEN-FREE*.mp. (10521)
- 59 DAIRY-FREE*.mp. (79)
- 60 LACTOSE-FREE*.mp. (680)

- 61 nutraceutical/ (4097)
- 62 food/ (71574)
- 63 food supplement*.mp. (4870)
- 64 DIET*.mp. (925897)
- 65 VITAMIN*.mp. (319538)
- 66 PROBIOTIC*.mp. or probiotic agent/ (38371)
- 67 prebiotic agent/ or PREBIOTIC*.mp. (11133)
- 68 NUTRITION <https://protect-us.mimecast.com/s/JOYuCo2ON1f9GO9iox5-R?domain=therapy.mp>. or diet therapy/ (51479)
- 69 vaccinium/ or blueberry/ or BLUEBERR*.ti,ab. (2832)
- 70 exp Curcuma/ or <https://protect-us.mimecast.com/s/JAoqCpYzO1HkLYkf7zxIm?domain=curcuma.mp>. (6661)
- 71 turmeric/ (1685)
- 72 HORSE <https://protect-us.mimecast.com/s/5V6iCqx2P1fBrqBCvRX3u?domain=nettle.mp>. (0)
- 73 <https://protect-us.mimecast.com/s/XeLrCrkYQ1iMjgMHLVHaf?domain=trompillo.mp>. (2)
- 74 <https://protect-us.mimecast.com/s/buG4Cv2jX1f1gQ1HEJqVA?domain=nightshade.mp>. (314)
- 75 TART CHERR*.mp. (146)
- 76 *"cherry juice"/ (7)
- 77 exp Solanum/ (31895)
- 78 51 or 52 or 53 or 54 or 55 or 56 or 57 or 58 or 59 or 60 or 61 or 62 or 63 or 64 or 65 or 66 or 67 or 68 or 69 or 70 or 71 or 72 or 73 or 74 or 75 or 76 or 77 (1646460)
- 79 <https://protect-us.mimecast.com/s/yl6qCwPkY1f6QB6HXUF8Z?domain=leflunomide.mp>. or leflunomide/ (11450)
- 80 <https://protect-us.mimecast.com/s/BuHtCxlZgi80Y8f08XNE?domain=arava.tn>. (538)
- 81 <https://protect-us.mimecast.com/s/cKZvCyPm1jfDWxDSvpik9?domain=arabloc.mp>. (6)
- 82 (hwa 486 or hwa486 or repso or rs 34821 or rs34821 or su 101 or su101).tn. (200)
- 83 hydroxychloroquine/ (22365)

- 84 <https://protect-us.mimecast.com/s/pDRhCzpn2kfDB5DSWp7Kd?domain=hydroxychloroquine.mp>. (23217)
- 85 <https://protect-us.mimecast.com/s/c3hkCADmJpC0ok0f1DcgK?domain=chloroquinol.mp>. (4)
- 86 <https://protect-us.mimecast.com/s/1eCWCBBnKqSqmYqfXC3l0?domain=hydrochloroquine.mp>. (53)
- 87 <https://protect-us.mimecast.com/s/2KZbCDk0Mvjp4psX-gGP?domain=oxychloroquine.mp>. (6)
- 88 (ercoquin or plaquenil or quensyl or "sn 8137").tn,mp. (1315)
- 89 https://protect-us.mimecast.com/s/T1FnCERPnWHyGEyi0BQG_?domain=sulfasalazine.mp. or salazosulfapyridine/ (25013)
- 90 (azopyrin or azopyrine or azosulfidine or azulfide or azulfidina or azulfidine* or azulfin).mp. (691)
- 91 (benzosulfa or colo pleon or colo-pleon or colopleon or disalazin or gastropyrin).mp. (72)
- 92 (pleon ra or pyralin en or rorasul or rosulfant or salazine or salazo sulfapyridine).mp. (29)
- 93 (salazodin or salazopirina or salazopyridin or salazopyridine or salazopyrin* or salazosulfa pyridine or salazosulfpayridine or salicyl azo sulfapyridine or salicylazosulfapyridin* or salisulf or salopyr or saridine or sas 500 or sulcolon or sulfasalazine or sulfosalazine or sulphasalazine or zopyrin).mp. (2842)
- 94 methotrexate/ or <https://protect-us.mimecast.com/s/3DL7CG69P0tnlvnCOtwnS?domain=methotrexate.mp>. (175129)
- 95 (a methopterine or abitrexate or amethopterin or amethopterine or amethopterine or antifolan or biotrexate or canceren or cl 14377 or cl14377 or emtexate or emthexat or emthexate or emtrexate or enthexate or farmitrexat or farmitrexate or farmotrex or folex or ifamet or imeth or jylamvo or lantarel or ledertrexate or maxtrex or metex or methoblastin or methohexate or methotrate or methotrexat or methotrexato or methrotrexate or methylaminopterin or methylaminopterine or metecil or metoject or metothrexate or metotrexat or metotrexate or metotrexin or metrex or mexate or mexate-aq or mexate-aq* or mpi 5004 or mpi5004 or MTX or neotrexate or nordimet or novatrex or nsc 740 or nsc740 or otrexup or rasuvo or reumatrex or rheumatrex or texate or texate-t or texorate or trexall or xaken or xatmep or zexate).mp. (24750)
- 96 79 or 80 or 81 or 82 or 83 or 84 or 85 or 86 or 87 or 88 or 89 or 90 or 91 or 92 or 93 or 94 or 95 (207088)
- 97 BRIDG*.ti,ab. (133562)
- 98 prednisone acetate/ or prednisone/ or <https://protect-us.mimecast.com/s/Rw-zCJ6PVBtOzNOi362jT?domain=prednisone.mp>. (168721)

- 99 (DEHYDROCORTISONE or DELTA-CORTISONE or RECTODELT or PREDNISON* or STERAPRED or ULTRACORTEN or WINPRED or APO-PREDNISON or CORTAN or CORTANCYL or PANAF CORT or DECORTIN or DACORTIN or DECORTISYL or DELTASONE or ENCORTONE or ENCORTON or METICORTEN or ORASONE or PANASOL or PREDNIDIB or PRONISONE).mp. (169281)
- 100 (Ancortone or biocortone or colisone or cortidelt or cortiprex or cutason or deltacorten or deltacortene or deltacortisone or deltacortone or deltison or deltisona or deltra or di adreson or diadreson or drazone or enkorton or fernisone or hostacortin or insone or lodotra or me-korti or meprison or metacorandracin or meticortine or nisona or nsc-10023 or nsc10023 or orisane or paracort or pehacort or precort or precortal or prednicenm or prednicorn or prednicot or prednidib or prednitone or pronison or pronisone or pronizone or pulmison or rayos or rectodelt or servisone or steerometz or sterapred or ultracorten or urtilone or winpred).mp. (693)
- 101 97 or 98 or 99 or 100 (302644)
- 102 (INTERLEUKIN-6 adj3 (INHIBITOR* or ANTAGONIST*)).mp. (803)
- 103 (INTERLEUKIN-1 adj3 (INHIBITOR* or ANTAGONIST*)).mp. (4677)
- 104 (INTERLEUKIN-1 RECEPTOR* adj3 (INHIBITOR* or ANTAGONIST*)).mp. (4100)
- 105 (INTERLEUKIN-6 RECEPTOR* adj3 (INHIBITOR* or ANTAGONIST*)).mp. (194)
- 106 exp tumor necrosis factor inhibitor/ or <https://protect-us.mimecast.com/s/UxQnCKr6WDHKwVKfwOuyb?domain=tnfi>.mp. (84349)
- 107 <https://protect-us.mimecast.com/s/FBkFCL9PXFqO6qfNGyt3?domain=infliximab>.mp. or infliximab/ (48723)
- 108 CERTOLIZUMAB <https://protect-us.mimecast.com/s/CvDLcM89YGfP8NPUMgO6i?domain=pegol>.mp. or certolizumab pegol/ (6062)
- 109 <https://protect-us.mimecast.com/s/Z4M1CNk8ZJiLx4Lfv7cBA?domain=abatacept>.mp. or abatacept/ (8753)
- 110 rituximab/ (72964)
- 111 <https://protect-us.mimecast.com/s/xWshCOYZ1KHXYWYH3NsYt?domain=rituximab>.mp. (76089)
- 112 <https://protect-us.mimecast.com/s/LtAKCPNY2Ligmpgtw0iL?domain=tofacitinib>.mp. or tofacitinib/ (3626)
- 113 https://protect-us.mimecast.com/s/JgEZCQWO3MHVq0VhgxAf_?domain=canakinumab.mp. or canakinumab/ (2750)
- 114 <https://protect-us.mimecast.com/s/wlaUCR6L4NtYI2YH6jfPx?domain=riloncept>.mp. or riloncept/ (836)

- 115 <https://protect-us.mimecast.com/s/FmouCVON8RHBKGBCPqAVh?domain=golimumab.mp>. or golimumab/ (6324)
- 116 <https://protect-us.mimecast.com/s/bsSECW68gVt3YJ3HQu0eV?domain=tocilizumab.mp>. or tocilizumab/ (10496)
- 117 <https://protect-us.mimecast.com/s/PN9TCXDMjWCANwAHN1MuR?domain=secukinumab.mp>. or secukinumab/ (2857)
- 118 (BIOLOGIC DISEASE MODIF* or BIOLOGIC RESPONSE MODIF* or DISEASE-MODIFYING ANTIRHEUMATIC* or DISEASE-MODIFYING ANTI-RHEUMATIC* or DMARD*).mp. (25544)
- 119 disease modifying antirheumatic drug/ (15443)
- 120 (INTERLEUKIN-1 BLOCKER* or IL-1 BLOCKER* or IL-1 BLOCKADE* or INTERLEUKIN-1 BLOCKADE* or INTERLEUKIN-6 BLOCKER* or IL-6 BLOCKER* or IL-6 BLOCKADE* or INTERLEUKIN-6 BLOCKADE* or ILARIS or ACZ-885 or ACZ885 or ANTI-INTERLEUKIN-1* or ANTI-IL-1* or ANTI-INTERLEUKIN-6* or ANTI-IL-6*).mp. (9604)
- 121 <https://protect-us.mimecast.com/s/8DrtCYEMk8iYzrYH5GQTV?domain=anakinra.mp>. or anakinra/ (4519)
- 122 (KINERET or ANTRIL or INTERLEUKIN-6 INHIBITOR* or IL-6 INHIBITOR* or INTERLEUKIN-1 INHIBITOR* or IL-1 INHIBITOR* or TUMOR NECROSIS FACTOR INHIBITOR* or TUMOUR NECROSIS FACTOR INHIBITOR*).mp. (15168)
- 123 (TNFALPHA INHIBITOR* or TNF-ALPHA INHIBITOR* or TNF INHIBITOR* or ANTI-TUMOR NECROSIS FACTOR* or ANTI-TUMOUR NECROSIS FACTOR* or ANTI-TNF* or HUMIRA or ADALIMUMAB-ADBM or AMJEVITA).mp. (36953)
- 124 (ADALIMUMAB-ATTO or CYLTEZO or ETANERCEPT or "TNFR-FC FUSION PROTEIN" or "TNR 001" or "TNT RECEPTOR FUSION PROTEIN" or TNR-001 or ETANERCEPT-SZZS or "TNF RECEPTOR TYPE II-IGG FUSION PROTEIN" or ERELZI or ENBREL).mp. (30938)
- 125 ("MONOCLONAL ANTIBODY CA2" or "MAB CA2" or RENFLEXIS or INFLECTRA or REMICADE or CIMZIA or CDP870 or LEA29Y or BMS224818 or BMS-224818 or BELATACEPT or ORENCIA or BMS-188667 or CTLA-4-IG).mp. (7707)
- 126 ("CYTOTOXIC T LYMPHOCYTE-ASSOCIATED ANTIGEN 4-IMMUNOGLOBULIN" or CTLA4-IG* or CTLA4-FC or NULOJIX or ATLIZUMAB or ACTEMRA or MABTHERA or IDEC-C2B8 ANTIBODY or IDEC-C2B8 or GP2013 or RITUXAN or TASOCITINIB or XELJANZ or CP690550 or CP-690550 or CP 690550 or COSENTYX or AIN457 or AIN-457).mp. (7476)
- 127 interleukin-1 receptor block*.mp. or interleukin 1 receptor blocking agent/ (18273)
- 128 interleukin 6/ and receptor blocking agent/ (205)

- 129 102 or 103 or 104 or 105 or 106 or 107 or 108 or 109 or 110 or 111 or 112 or 113 or 114 or 115 or 116 or 117 or 118 or 119 or 120 or 121 or 122 or 123 or 124 or 125 or 126 or 127 or 128 (214157)
- 130 CALCINEURIN INHIBITOR*.mp. or exp calcineurin inhibitor/ (91432)
- 131 (PROTEIN PHOSPHATASE-2B INHIBITOR* or PROTEIN PHOSPHATASE 3 INHIBITOR* or CALCINEURIN ANTAGONIST* or CALCINEURIN BLOCKER* or PROGRAF or PROGRAFT or FR-900506 or FR900506 or FK-506 or FK506 or "33-EPI-CHLORO-33-DESOXYASCOMYCIN" or SDZ-ASM-981 or "ASM 981" or ELIDEL or TACROLIMUS or CYCLOSPORIN or CYCLOSPORINE or CICLOSPORINE or "MUSTOPIC OINT" or TSUKUBAENOLIDE or CIPOL or CYCLOKAT or DEXIMUNE or IMPLANTA or IMMUNOSPORIN or IMUSPORIN or VEKACIA or PROGRAF or ADVAGRAF or HECORIA or GENGRAF or ASTAGRAF or "OL-27-400" or "CSA-NEORAL" or "CYA-NOF" or NEURAL).mp. (557556)
- 132 130 or 131 (564945)
- 133 <https://protect-us.mimecast.com/s/yI6qCwpkY1f6QB6HXUF8Z?domain=leflunomide.mp>. or leflunomide/ (11450)
- 134 <https://protect-us.mimecast.com/s/BuHtCxlZgi80Y8f08XNE?domain=arava.tn>. (538)
- 135 <https://protect-us.mimecast.com/s/cKZvCyPm1jfDWxDSvpik9?domain=arabloc.mp>. (6)
- 136 (hwa 486 or hwa486 or repso or rs 34821 or rs34821 or su 101 or su101).tn. (200)
- 137 hydroxychloroquine/ (22365)
- 138 <https://protect-us.mimecast.com/s/pDRhCzpn2kfDB5DSWp7Kd?domain=hydroxychloroquine.mp>. (23217)
- 139 <https://protect-us.mimecast.com/s/c3hkCADmJpC0ok0f1DcgK?domain=chloroquinol.mp>. (4)
- 140 <https://protect-us.mimecast.com/s/1eCWCBBnKqSqmYqfXC3l0?domain=hydrochloroquine.mp>. (53)
- 141 <https://protect-us.mimecast.com/s/2KZbCDk0Mvipm4psX-gGP?domain=oxychloroquine.mp>. (6)
- 142 (ercoquin or plaquenil or quensyl or "sn 8137").tn,mp. (1315)
- 143 https://protect-us.mimecast.com/s/T1FnCERPnWHyGEyi0BQG_?domain=sulfasalazine.mp. or salazosulfapyridine/ (25013)
- 144 (azopyrin or azopyrine or azosulfidine or azulfide or azulfidina or azulfidine* or azulfin).mp. (691)
- 145 (benzosulfa or colo pleon or colo-pleon or colopleon or disalazin or gastropyrin).mp. (72)
- 146 (pleon ra or pyralin en or rorasul or rosulfant or salazine or salazo sulfapyridine).mp. (29)

147 (salazodin or salazopirina or salazopyridin or salazopyridine or salazopyrin* or salazosulfa pyridine or salazosulpyridine or salicyl azo sulfapyridine or salicylazosulfapyridin* or salisulf or salopyr or saridine or sas 500 or sulcolon or sulfasalazine or sulfosalazine or sulphasalazine or zopyrin).mp. (2842)

148 methotrexate/ or <https://protect-us.mimecast.com/s/3DL7CG69P0tnlvnCOtwNS?domain=methotrexate.mp>. (175129)

149 (a methopterin or abitrexate or amethopterin or amethopterin or amethopterin or antifolan or biotrexate or canceren or cl 14377 or cl14377 or emtexate or emthexat or emthexate or emtrexate or enthexate or farmitrexat or farmitrexate or farmotrex or folex or ifamet or imeth or jylamvo or lantarel or ledertrexate or maxtrex or metex or methoblastin or methohexate or methotrate or methotrexat or methotrexato or methrotrexate or methylaminopterin or methylaminopterin or metecil or metoject or metothrexate or metotrexat or metotrexate or metotrexin or metrex or mexate or mexate-aq or mexate-aq* or mpi 5004 or mpi5004 or MTX or neotrexate or nordimet or novatrex or nsc 740 or nsc740 or otrexup or rasuvo or reumatrex or rheumatrex or texate or texate-t or texorate or trexall or xaken or xatmep or zexate).mp. (24750)

150 133 or 134 or 135 or 136 or 137 or 138 or 139 or 140 or 141 or 142 or 143 or 144 or 145 or 146 or 147 or 148 or 149 (207088)

151 132 or 150 (735676)

152 exp intraarticular drug administration/ or <https://protect-us.mimecast.com/s/PxHDCZ6Wl1tvRJvf2VL07?domain=intraarticular.mp>. (20936)

153 METHYLPREDNISOLONE <https://protect-us.mimecast.com/s/EtKkC1w9mLFgmVgtZmkqx?domain=acetate.mp>. or methylprednisolone acetate/ (3615)

154 TRIAMCINOLONE <https://protect-us.mimecast.com/s/D7uOC2k9nMirGMrSwEVCr?domain=acetonide.mp>. or triamcinolone acetonide/ (14974)

155 methylprednisolone/ or <https://protect-us.mimecast.com/s/SQZbc319oNf3Mn3H3S1Ri?domain=methylprednisolone.mp>. (100135)

156 <https://protect-us.mimecast.com/s/JZbIC4x9pOfPWXPUvTHfU?domain=triamcinolone.mp>. or triamcinolone/ (28328)

157 TRIAMCINOLONE <https://protect-us.mimecast.com/s/A6QZC5yWqPF8KB8f5Jhws?domain=hexacetonide.mp>. or triamcinolone hexacetonide/ (1163)

- 158 (JOINT INJECTION* or STEROID INJECTION* or CORTICOSTEROID INJECTION* or INTRA-ARTICULAR* or "ACETYL-METHYLPREDNISOLONE" or DEPO-MEDRONE or DEPO-MEDROL or ARISTOSPAN or TRICORT-40 or KENALOG* or AZMACORT or "KENACORT A").mp. (30145)
- 159 152 or 153 or 154 or 155 or 156 or 157 or 158 (160451)
- 160 OCCUPATIONAL THERAP*.mp. or occupational therapy/ (29387)
- 161 physiotherapy/ or home physiotherapy/ or joint mobilization/ or pediatric physiotherapy/ (81126)
- 162 PHYSICAL THERAP*.mp. (33750)
- 163 exercise/ or aquatic exercise/ or arm exercise/ or dynamic exercise/ or isokinetic exercise/ or leg exercise/ or muscle exercise/ or pilates/ or resistance training/ or static exercise/ (283834)
- 164 EXERCISE*.mp. (493092)
- 165 physical activity/ or "physical activity, capacity and performance"/ or stretching/ or swimming/ or walking/ or weight bearing/ or weight lifting/ (254597)
- 166 PHYSICAL ACTIVIT*.mp. (195592)
- 167 ACTIVITIES OF DAILY <https://protect-us.mimecast.com/s/na3JC680rQfk95kfr3DAQ?domain=living.mp>. or daily life activity/ (93255)
- 168 https://protect-us.mimecast.com/s/BrNXc73AvRUM6DMHO8Sp_?domain=mouthguard.mp. or mouth protector/ (1237)
- 169 MOUTH GUARD*.mp. (219)
- 170 (MOUTH PROTECTOR* or PROTECTIVE MOUTH PIECE* or PROTECTIVE MOUTHPIECE* or ERGOTHERAP*).mp. (2039)
- 171 160 or 161 or 162 or 163 or 164 or 165 or 166 or 167 or 168 or 169 or 170 (874207)
- 172 78 or 96 or 101 or 129 or 151 or 159 or 171 (3515998)
- 173 50 and 172 (4304)
- 174 (INTERLEUKIN-6 adj3 (INHIBITOR* or ANTAGONIST*)).mp. (803)
- 175 (INTERLEUKIN-1 adj3 (INHIBITOR* or ANTAGONIST*)).mp. (4677)
- 176 (INTERLEUKIN-1 RECEPTOR* adj3 (INHIBITOR* or ANTAGONIST*)).mp. (4100)
- 177 (INTERLEUKIN-6 RECEPTOR* adj3 (INHIBITOR* or ANTAGONIST*)).mp. (194)
- 178 exp tumor necrosis factor inhibitor/ or <https://protect-us.mimecast.com/s/UxQnCKr6WDHKwVKfwOuyb?domain=tnfi.mp>. (84349)

- 179 <https://protect-us.mimecast.com/s/FBkFCL9PXEfQO6qfNGyt3?domain=infliximab.mp.> or infliximab/ (48723)
- 180 CERTOLIZUMAB <https://protect-us.mimecast.com/s/CvDLCM89YGfP8NPUMgO6i?domain=pegol.mp.> or certolizumab pegol/ (6062)
- 181 <https://protect-us.mimecast.com/s/Z4M1CNk8ZJiLx4Lfv7cBA?domain=abatacept.mp.> or abatacept/ (8753)
- 182 rituximab/ (72964)
- 183 <https://protect-us.mimecast.com/s/xWshCOYZ1KHYXWYH3NsYt?domain=rituximab.mp.> (76089)
- 184 <https://protect-us.mimecast.com/s/LtAKCPNY2Ligmpgtw0IIL?domain=tofacitinib.mp.> or tofacitinib/ (3626)
- 185 https://protect-us.mimecast.com/s/JgEZCQWO3MHVq0VhgxAf_?domain=canakinumab.mp. or canakinumab/ (2750)
- 186 <https://protect-us.mimecast.com/s/wlaUCR6L4NtYI2YH6jfPx?domain=riloncept.mp.> or riloncept/ (836)
- 187 <https://protect-us.mimecast.com/s/FmouCVON8RHBKGBCPqAVh?domain=golimumab.mp.> or golimumab/ (6324)
- 188 <https://protect-us.mimecast.com/s/bsSECW68gVt3YJ3HQU0eV?domain=tocilizumab.mp.> or tocilizumab/ (10496)
- 189 <https://protect-us.mimecast.com/s/PN9TCXDMjWCANwAHN1MuR?domain=secukinumab.mp.> or secukinumab/ (2857)
- 190 (BIOLOGIC DISEASE MODIF* or BIOLOGIC RESPONSE MODIF* or DISEASE-MODIFYING ANTIRHEUMATIC* or DISEASE-MODIFYING ANTI-RHEUMATIC* or DMARD*).mp. (25544)
- 191 disease modifying antirheumatic drug/ (15443)
- 192 (INTERLEUKIN-1 BLOCKER* or IL-1 BLOCKER* or IL-1 BLOCKADE* or INTERLEUKIN-1 BLOCKADE* or INTERLEUKIN-6 BLOCKER* or IL-6 BLOCKER* or IL-6 BLOCKADE* or INTERLEUKIN-6 BLOCKADE* or ILARIS or ACZ-885 or ACZ885 or ANTI-INTERLEUKIN-1* or ANTI-IL-1* or ANTI-INTERLEUKIN-6* or ANTI-IL-6*).mp. (9604)
- 193 <https://protect-us.mimecast.com/s/8DrtCYEMk8iYzrYH5GQTV?domain=anakinra.mp.> or anakinra/ (4519)
- 194 (KINERET or ANTRIL or INTERLEUKIN-6 INHIBITOR* or IL-6 INHIBITOR* or INTERLEUKIN-1 INHIBITOR* or IL-1 INHIBITOR* or TUMOR NECROSIS FACTOR INHIBITOR* or TUMOUR NECROSIS FACTOR INHIBITOR*).mp. (15168)

- 195 (TNFALPHA INHIBITOR* or TNF-ALPHA INHIBITOR* or TNF INHIBITOR* or ANTI-TUMOR NECROSIS FACTOR* or ANTI-TUMOUR NECROSIS FACTOR* or ANTI-TNF* or HUMIRA or ADALIMUMAB-ADBIM or AMJEVITA).mp. (36953)
- 196 (ADALIMUMAB-ATTO or CYLTEZO or ETANERCEPT or "TNFR-FC FUSION PROTEIN" or "TNR 001" or "TNT RECEPTOR FUSION PROTEIN" or TNR-001 or ETANERCEPT-SZZS or "TNF RECEPTOR TYPE II-IGG FUSION PROTEIN" or ERELZI or ENBREL).mp. (30938)
- 197 ("MONOCLONAL ANTIBODY CA2" or "MAB CA2" or RENFLEXIS or INFLECTRA or REMICADE or CIMZIA or CDP870 or LEA29Y or BMS224818 or BMS-224818 or BELATACEPT or ORENCIA or BMS-188667 or CTLA-4-IG).mp. (7707)
- 198 ("CYTOTOXIC T LYMPHOCYTE-ASSOCIATED ANTIGEN 4-IMMUNOGLOBULIN" or CTLA4-IG* or CTLA4-FC or NULOJIX or ATLIZUMAB or ACTEMRA or MABTHERA or IDEC-C2B8 ANTIBODY or IDEC-C2B8 or GP2013 or RITUXAN or TASOCITINIB or XELJANZ or CP690550 or CP-690550 or CP 690550 or COSENTYX or AIN457 or AIN-457).mp. (7476)
- 199 interleukin-1 receptor block*.mp. or interleukin 1 receptor blocking agent/ (18273)
- 200 interleukin 6/ and receptor blocking agent/ (205)
- 201 174 or 175 or 176 or 177 or 178 or 179 or 180 or 181 or 182 or 183 or 184 or 185 or 186 or 187 or 188 or 189 or 190 or 191 or 192 or 193 or 194 or 195 or 196 or 197 or 198 or 199 or 200 (214157)
- 202 "stills disease".mp. (2591)
- 203 exp systemic juvenile idiopathic arthritis/ (1083)
- 204 SYSTEMIC-ONSET JUVENILE ARTHRIT*.mp. (23)
- 205 (JUVENILE SYSTEMIC-ONSET ARTHRIT* or JUVENILE SYSTEMIC-ONSET IDIOPATHIC ARTHRIT* or SYSTEMIC-ONSET JUVENILE IDIOPATHIC ARTHRITIS or JUVENILE SYSTEMIC ARTHRIT* or SYSTEMIC JUVENILE ARTHRIT* or JUVENILE SYSTEMIC IDIOPATHIC ARTHRIT* or SYSTEMIC JUVENILE IDIOPATHIC ARTHRIT* or SYSTEMIC JIA or SYSTEMIC-ONSET JIA or SYSTEMIC-ONSET JRA or SYSTEMIC-ONSET JUVENILE RHEUMATOID ARTHRIT* or JUVENILE SYSTEMIC-ONSET RHEUMATOID ARTHRIT* or SYSTEMIC JRA or SYSTEMIC JUVENILE RHEUMATOID ARTHRIT* or JUVENILE SYSTEMIC RHEUMATOID ARTHRIT*).mp. (2778)
- 206 202 or 203 or 204 or 205 (5106)
- 207 juvenile idiopathic <https://protect-us.mimecast.com/s/vHjYcJrN61HEJWefWKdp0?domain=arthritis.mp>. or exp juvenile rheumatoid arthritis/ (20816)

- 208 juvenile chronic <https://protect-us.mimecast.com/s/vHjYCjRnG1HEJWEfWKdp0?domain=arthritis.mp>. and (JIA or JRA or IDIOPATHIC).ti,ab. (109)
- 209 JUVENILE <https://protect-us.mimecast.com/s/ee-1CkRoJ1HI0xltVGL4i?domain=arthritis.mp>. and (JIA or JRA or IDIOPATHIC).ti,ab. (965)
- 210 207 or 208 or 209 (20836)
- 211 206 or 210 (22378)
- 212 limit 211 to (abstracts and english language and (article or article in press or "review")) (10297)
- 213 NSAID*.mp. or exp nonsteroid antiinflammatory agent/ (713203)
- 214 https://protect-us.mimecast.com/s/RmZ9C829wVf3Mo3HB_94I?domain=indomethacin.mp. (41524)
- 215 (NON-STEROIDAL ANTI-INFLAMMATOR* or NONSTEROIDAL ANTI-INFLAMMATORY AGENT* or NONSTEROIDAL ANTIINFLAMMATORY AGENT* or ANTI-INFLAMMATORY ANALGESIC or ACECLOFENAC or ACEMETACIN or ACETOSYRINGONE or ACETOVANILLONE or ADAPALENE or ALCLOFENAC or ALMINOPROFEN or AMIPRILOSE or AMPYRONE or ANDROGRAPHOLIDE or ANISODAMINE or ANISODINE or ANTIPYRINE or APAZONE or APREMILAST or ARTEPARON or ARTHROTEC or ASPIRIN or ATRINOSITOL or AZULENE or BAICALIN or BALSALAZIDE or BENDAZAC or BENDAZAC LYSINE or BENORILATE or BENOXAPROFEN or BENZOBARBITAL or BERBAMINE or BEVONIUM or BOLDINE or BROMFENAC or BUCILLAMINE or BUFEXAMAC or BUMADIZONE or BUTIBUFEN or CARPROFEN or CARYOPHYLLENE or CASTANOSPERMINE or CELECOXIB or CEPHARANTHINE or CHLOROQUINE DIPHOSPHATE or CHOLINE MAGNESIUM TRISALICYLATE or CHRYSAROBIN or CLONIXIN or CURCUMIN or DAURICINE or DEXKETOPROFEN TROMETAMOL or DICLOFENAC or DIFENPIRAMIDE or DIFLUNISAL or DIMEPHOSPHON or DIPYRONE or DIUCIFON or DROXICAM or EBSELEN or ECALLANTIDE or ELTENAC or EPIRIZOLE or ETANERCEPT or ETHENZAMIDE or ETHONIUM or ETODOLAC or ETOFENAMATE or ETORICOXIB or FENBUFEN or FENCLOFENAC or FENFLUMIZOLE or FENOPROFEN or FENTIAZAC or FEPRADINOL or FEPRAZONE or FLOCTAFENINE or FLOSULIDE or FLUNIXIN or FLUNOXAPROFEN or FLUPROQUAZONE or FLURBIPROFEN or GLUCAMETACIN or GUACETISAL or HELENALIN or HELIODERMIN or HEMODES or HIGENAMINE or IBUPROFEN or IBUPROXAM or ICATIBANT or INDOBUFEN or INDOMETHACIN or INDOPROFEN or IODOANTIPYRINE or ISOXICAM or KEBUZONE or KETOPROFEN or KETOROLAC or LICOFELONE or LISOFYLLINE or LOBENZARIT or LONAZOLAC or LORNOXICAM or LOXOPROFEN or LUMIRACOXIB or MAGNOLOL or MANOALIDE or MASOPROCOL or MELOXICAM or MESALAMINE or MIZORIBINE or MOFEBUTAZONE or MOFEZOLAC or NABUMETONE or NAFAMOSTAT or NAPROXEN or NEBACETIN or NEPAFENAC or NIFENAZONE or NIMESULIDE or NITROASPIRIN or OLSALAZINE or OLVANIL or ORGOTEIN or OXAPROZIN or OXYPHENBUTAZONE or PALMIDROL or PARECOXIB or PARTHENOLIDE or PEONIFLORIN or PHENIDONE or PHENYLBUTAZONE or PIMECROLIMUS or PIRFENIDONE or PIROXICAM or PIRPROFEN or PROGLUMETACIN or PROPACETAMOL or PROPIONYL CARNITINE or PROPYPHENAZONE or PROQUAZONE or PYRANOPROFEN or PYRAZOLONE or PYROGENAL or RESVERATROL or RNS60 or

ROFECOXIB or RUMALON or SAIKO-KEISHI-TO or SAIKOSAPONIN or SALICIN or SALICYLAMIDE or SALICYLATES or "SALICYLSALICYLIC ACID" or SEMAPIMOD or SERATRODAST or SERRATIOPEPTIDASE or SHIKONIN or SINAPALDEHYDE or SODIUM SALICYLATE or SUL-121 or SULFASALAZINE or SULINDAC or SUPROFEN or SUXIBUZONE or TANSHINONE or TAXIFOLIN or TENIDAP or TENOXICAM or TEPOXALIN or TIARAMIDE or TINORIDINE or TOLMETIN or TRANILAST or TRIBENOSIDE or VALDECOXIB or ZILEUTON or ZOMEPIRAC or CELEBREX or SC-58635 or SC58635 or ETODOLIC* or ULTRADOL or LODINE or RAMODAR or AY-24236 or CP-16171 or CP16171 or FELDENE or DICLOPHENAC or DICROFENAC or DICHLOFENAL or "DICLONATE P" or FELORAN or VOLTAROL or NOVAPIRINA or ORTHOFEN or ORTOFEN or ORTHOPHEN or SR-38 or VOLTAREN or NABUMETON or RELIFEX or RELIF or APO-NABUMETONE or APONABUMETONE or MEBUTAN or LISTRAN or GEN-NABUMETONE or ARTHRAXAN or RHOXAL-NABUMETONE or RELAFEN or NABUCOX or MILOXICAM or PAROCIN or MOBIC or MOBICOX or MOBEC or MASFLEX or MOVICOX or REUMOXICAM or UTICOX or MOVALIS or INDOMETACIN or OSMOSIN or INDOCID or METINDOL or AMUNO or INDOCIN or TOLECTIN or MCN-2559 or MOTRIN or NUPRIN or RUFEN or SALPROFEN or BRUFEN or METHOXYPROPIOCIN or ANAPROX or ALEVE or PROXEN or SYNFLEX or NAPROSIN or NAPROSYN).mp. (474369)

216 213 or 214 or 215 (841632)

217 immunoglobulin/iv [Intravenous Drug Administration] (30481)

218 (IMMUNOGLOBULIN* adj3 (INTRAVENOUS* or IV)).mp. (21787)

219 ("INTRAVENOUS IG" or INTRAVENOUS ANTIBOD* or IVIG or INTRAVENOUS IMMUNE GLOBULIN* or IV IMMUNOGLOBULIN* or "FLEBOGAMMA DIF" or GAMUNEX or GLOBULIN-N or INTRAGLOBIN* or GAMMAGARD or GAMIMUNE or GAMIMMUNE or PRIVIGEN or SANDOGLOBULIN or VENOGLOBULIN* or IVEEGAM or ALPHAGLOBIN or ENDOBULIN or "GAMIMUNE N" or "GAMIMMUNE N" or GAMMONATIV).mp. (19714)

220 217 or 218 or 219 (51936)

221 ((CORTICOSTEROID* or STEROID*) adj4 ORAL*).mp. (18564)

222 <https://protect-us.mimecast.com/s/g2bJC9r2xWHnKGnC8FMiq?domain=betamethasone.mp>. or betamethasone/ (22539)

223 dexamethasone/ or <https://protect-us.mimecast.com/s/wtDyC0R9IKHvW1vfY1WHi?domain=dexamethasone.mp>. (156317)

224 <https://protect-us.mimecast.com/s/vfk5CgJkB0t6WM6HNRqnyA?domain=fluprednisolone.mp>. or fluprednisolone/ (109)

225 methylprednisolone/ or <https://protect-us.mimecast.com/s/SQZbC319oNf3Mn3H3S1Ri?domain=methylprednisolone.mp>. (100135)

- 226 https://protect-us.mimecast.com/s/hI0_CjRnG1HEJWEfWWLiAm?domain=paramethasone.mp. or paramethasone/ (493)
- 227 prednisolone/ or <https://protect-us.mimecast.com/s/bRkWCkRoJ1HI0xlt2VPn43?domain=prednisolone.mp>. (131228)
- 228 prednisone acetate/ or prednisone/ or <https://protect-us.mimecast.com/s/Rw-zCJ6PVBtOzNOi362jT?domain=prednisone.mp>. (168721)
- 229 <https://protect-us.mimecast.com/s/JZbIC4x9pOfPWXPuvTHfU?domain=triamcinolone.mp>. or triamcinolone/ (28328)
- 230 GLUCOCORTICOID*.mp. (128860)
- 231 (FLUBENISOLONE or BETADEXAMETHASONE or CELESTONA or CELESTON or CELESTONE or FLUBENISOLONVALERATE or BETNOVATE or METHYLFLUORPREDNISOLONE or HEXADECADROL or DECAMETH or DECASPRAY or DEXASONE or DEXPAK or MAXIDEX or MILLICORTEN or ORADEXON or HEXADROL or HE-111 or HE111 or AUXISON or METIPRED or 6-METHYLPREDNISOLONE or URBASON or MEDROL or PREDATE or PREDONINE or DEHYDROCORTISONE or DELTA-CORTISONE or RECTODELT or "PREDNISON HEXAL" or STERAPRED or ULTRACORTEN or WINPRED or APO-PREDNISON or CORTAN or CORTANCYL or PANAFcORT or DECORTIN or DACORTIN or DECORTISYL or DELTASONE or ENCORTONE or ENCORTON or "LIQUID PRED" or METICORTEN or ORASONE or PANASOL or "PREDNI TABLINEN" or PREDNIDIB or "PREDNISON ACSIS" or PRONISONE or SONE or "PREDNISON GALEN" or VOLON or ARISTOCORT or ALCLOMETASONE DIPROPIONATE or AMCINONIDE or CICLESONIDE or CLOBETASONE BUTYRATE or CLOCORTOLONE* or DICHLORISONE ACETATE or DIFLORASONE or DIFLUPREDNATE or DROCINONIDE PHOSPHATE POTASSIUM or FLUOCORTIN BUTYL ESTER or FLUPEROLONE ACETATE or FLUPREDNIDENE ACETATE or FX006 or HALOMETASONE or MEDRYSONE or PREDNICARBATE or RIMEXOLONE).mp. (14871)
- 232 221 or 222 or 223 or 224 or 225 or 226 or 227 or 228 or 229 or 230 or 231 (602929)
- 233 methotrexate/ or <https://protect-us.mimecast.com/s/3DL7CG69P0tnlvnCOtwNS?domain=methotrexate.mp>. (175129)
- 234 https://protect-us.mimecast.com/s/JgEzCQWO3MHVq0VhgxAf_?domain=canakinumab.mp. or canakinumab/ (2750)
- 235 <https://protect-us.mimecast.com/s/bsSECW68gVt3YJ3HQu0eV?domain=tocilizumab.mp>. or tocilizumab/ (10496)
- 236 <https://protect-us.mimecast.com/s/wIaUCR6L4NtYI2YH6jfPx?domain=riloncept.mp>. or riloncept/ (836)
- 237 <https://protect-us.mimecast.com/s/8DrtCYEMk8iYZrYH5GQTV?domain=anakinra.mp>. or anakinra/ (4519)

- 238 (AMETHOPTERIN or MEXATE or KINERET or ANTRIL or ILARIS or ACZ-885 or ACZ885 or ATLIZUMAB or ACTEMRA).mp. (2473)
- 239 (atlizumab or lusinex or r1569 or roactemra).mp. (771)
- 240 https://protect-us.mimecast.com/s/T9yNCIYpK1HGKQGfGyDu_q?domain=arcalyst.mp. (135)
- 241 il 1 <https://protect-us.mimecast.com/s/mDD0CmZEL5UXYOXHG9d3W9?domain=trap.mp>. (51)
- 242 (A METHOPTERINE or ABITREXATE or AMETHOPTERIN or AMETHOPTERINE or AMETOPTERINE or ANTIFOLAN or BIOTREXATE or CANCEREN or CL 14377 or CL14377 or EMTEXATE or EMTHEXAT or EMTHEXATE or EMTREXATE or ENTHEXATE or FARMITREXAT or FARMITREXATE or FARMOTREX or FOLEX or FOLEX PFS or IFAMET or IMETH or JYLAMVO or LANTAREL or LEDERTREXATE or MAXTREX or METEX or METHOBLASTIN or METHOHEXATE or METHOTRATE or METHOTREXAT or METHOTREXAT EBEWE or METHOTREXATO or METHOXTREXATE or METHROTREXATE or METHYLAMINOPTERIN or METHYLAMINOPTERINE or METICIL or METOJECT or METOTHREXATE or METOTHREXATE SODIUM or METOTREXAT or METOTREXATE or METOTREXIN or METREX or MEXATE* or MPI 5004 or MPI5004 or MTX or NEOTREXATE or NORDIMET or NOVATREX or NSC 740 or NSC740 or OTREXUP or RASUVO or REUMATREX or RHEUMATREX or TEXATE or TEXATE-T or TEXORATE or TREXALL or XAKEN or XATMEP or ZEXATE).mp. (24751)
- 243 233 or 234 or 235 or 236 or 237 or 238 or 239 or 240 or 241 or 242 (188442)
- 244 <https://protect-us.mimecast.com/s/YnhBCn5zM1CwL8wU9mB15i?domain=etoposide.mp>. or etoposide/ (87211)
- 245 (CITODOX or EPOSIN or EPSIDOX or ETOMEDAC or ETOMEDEC or ETOPHOS or ETOPOL or ETOPOS or ETOPOSID or ETOPOSIDO or ETOPOXAN or ETOSID or NEXVEP or NK 171 or NK171 or NSC 141540 or NSC141540 or POSID or TOPRESID or VESPID or VP 16 or VP-TEC or VP16 213 or VP16-213 or VP16213).mp. (9622)
- 246 (EPOSIDE or "ETOPOSIDO FERRER FARMA" or LASTET* or NSC-141540 or TOPOSAR or VEPESID* or "VP 16-213" or "VP 16 213" or "VP 16213" or VP-16 or VP16 or "VEPESIDE-SANDOZ" or CELLTOP).mp. (12989)
- 247 244 or 245 or 246 (89891)
- 248 PLASMAPHERES*.mp. or exp plasmapheresis/ (40670)
- 249 (plasma pheresis or plasmaphores*).mp. (220)
- 250 248 or 249 (40718)
- 251 DISEASE ACTIVITY SCORE*.mp. or disease activity score/ (13729)
- 252 PATIENT GLOBAL ASSESSMENT*.mp. (2192)

- 253 PHYSICAL GLOBAL ASSESSMENT*.mp. (19)
- 254 PHYSICIAN GLOBAL ASSESSMENT*.mp. (2448)
- 255 DISEASE ACTIVITY <https://protect-us.mimecast.com/s/Y2-fCo2ON1f9GO9i1o9X5-?domain=index.mp>. (16621)
- 256 (JADA or JADAS).mp. (466)
- 257 (JADI or PGA-VAS or PtGA).mp. (592)
- 258 251 or 252 or 253 or 254 or 255 or 256 or 257 (30621)
- 259 <https://protect-us.mimecast.com/s/8DrtCYEMk8iYzrYH5GQTV?domain=anakinra.mp>. or anakinra/ (4519)
- 260 <https://protect-us.mimecast.com/s/wdIkCpYzO1HkLYkfP7RnIO?domain=sarilumab.mp>. or sarilumab/ (415)
- 261 https://protect-us.mimecast.com/s/JgEZCQWO3MHVq0VhgxAf_?domain=canakinumab.mp. or canakinumab/ (2750)
- 262 <https://protect-us.mimecast.com/s/wlaUCR6L4NtYl2YH6jfPx?domain=riloncept.mp>. or riloncept/ (836)
- 263 (INTERLEUKIN-6 INHIBITOR* or IL-6 INHIBITOR* or INTERLEUKIN-1 INHIBITOR* or IL-1 INHIBITOR* or INTERLEUKIN-1 BLOCKER* or IL-1 BLOCKER* or IL-1 BLOCKADE* or INTERLEUKIN-1 BLOCKADE* or INTERLEUKIN-6 BLOCKER* or IL-6 BLOCKER* or IL-6 BLOCKADE* or INTERLEUKIN-6 BLOCKADE* or ILARIS or ACZ-885 or ACZ885 or ANTI-INTERLEUKIN-1* or ANTI-IL-1* or ANTI-INTERLEUKIN-6* or ANTI-IL-6* or KINERET or ANTRIL).mp. (11220)
- 264 (BI 61012 or BI61012 or LEUKINE or PROKINE or SARGRASTIM or ARCALYST or IL 1 TRAP).mp. (726)
- 265 interleukin-1 receptor blocking <https://protect-us.mimecast.com/s/D8OyCqx2P1fBrqBCZvSxNd?domain=agent.mp>. or interleukin 1 receptor blocking agent/ (18268)
- 266 interleukin 6/ and receptor blocking agent/ (205)
- 267 (INTERLEUKIN-1 adj3 (INHIBITOR* or ANTAGONIST*)).mp. (4677)
- 268 (INTERLEUKIN-6 adj3 (INHIBITOR* or ANTAGONIST*)).mp. (803)
- 269 259 or 260 or 261 or 262 or 263 or 264 or 265 or 266 or 267 or 268 (32323)
- 270 cyclophosphamide/ or <https://protect-us.mimecast.com/s/o87lCrkYQ1iMjgMH7LCZHB?domain=cyclophosphamide.mp>. (215464)

- 271 (SENDOXAN or B-518 or B518 or CYTOXAN or ENDOXAN* or NEOSAR or NSC-26271 or NSC26271 or PROCYTOX or CYCLOPHOSPHAN*).mp. (9655)
- 272 (alkyroxan or b 518 or b 518 asta or b518 or b518 asta or carloxan or ciclofosfamida or ciclolen or cicloxal or clafen or cyclo-cell or cycloblastin or cycloblastine or cyclofos amide or cyclofosamid or cyclofosamide or cyclophar or cyclophosphamid or cyclophosphamides or cyclophosphan or cyclophosphane or cyclostin or cycloxan or cyphos or cytophosphan or cytophosphane or cytoxan or endocyclo phosphate or endoxan* or enduxan or genoxal or ledoxan or ledoxina or mitoxan or neosan or neosar or noristan or nsc 26271 or nsc 2671 or procytox or procytoxide or semdoxan or sendoxan or syklofosamid).mp. (10662)
- 273 270 or 271 or 272 (215846)
- 274 <https://protect-us.mimecast.com/s/Z4M1CNk8ZJiLx4Lfv7cBA?domain=abatacept.mp>. or abatacept/ (8753)
- 275 (LEA29Y or BMS224818 or BMS-224818 or BELATACEPT or ORENCIA or BMS-188667 or CTLA-4-IG or "CYTOTOXIC T LYMPHOCYTE-ASSOCIATED ANTIGEN 4-IMMUNOGLOBULIN" or CTLA4-IG* or CTLA4-FC or NULOJIX).mp. (3702)
- 276 (BMS 188667 or BMS188667 or CTLA4 or CTLA4IG).mp. (6375)
- 277 274 or 275 or 276 (15879)
- 278 <https://protect-us.mimecast.com/s/xWshCOYZ1KHXYWYH3NsYt?domain=rituximab.mp>. or rituximab/ (76089)
- 279 (MABTHERA or IDEC-C2B8 ANTIBODY or IDEC-C2B8 or GP2013 or RITUXAN).mp. (4742)
- 280 (blitzima or ct p10 or ctp10 or idec 102 or idec c2b8 or idec102 or idecc2b8 or monoclonal antibody idec c2b8 or r 105 or r105 or reditux or rg 105 or rg105 or ritemvia or rituxin or rituzena or rixathon or riximyo or ro 452294 or ro452294 or truxima or tuxella).mp. (525)
- 281 278 or 279 or 280 (76333)
- 282 BONE MARROW TRANSPLANT*.mp. or exp bone marrow transplantation/ (71757)
- 283 MESENCHYMAL STEM CELL <https://protect-us.mimecast.com/s/3QsCCv2jX1f1gQ1HQEN93h?domain=transplantation.mp>. or mesenchymal stem cell transplantation/ (10760)
- 284 (BONE MARROW GRAFT* or BONE MARROW CELL TRANSPLANT* or mesenchymal stem cell therap* or bone marrow cell transfer* or bone marrow transfusion*).mp. (2391)
- 285 282 or 283 or 284 (82208)

- 286 S100A12 https://protect-us.mimecast.com/s/T21yCwpkY1f6QB6HVXF_AE?domain=protein.mp. or calgranulin C/ (616)
- 287 (MRP-6 PROTEIN or EN-RAGE PROTEIN or CAAF1 PROTEIN or S100A12 or migration inhibitory factor related protein 6 or MRP 6 or S 100A12 protein or S100 A12 protein or S100 calcium binding protein A12).mp. (933)
- 288 286 or 287 (1127)
- 289 (TAPERING or TAPER or TAPERS or TAPERED).mp. (29166)
- 290 SEROSIT* {No Related Terms} (1972)
- 291 201 or 216 or 220 or 232 or 243 or 247 or 250 or 258 or 269 or 273 or 277 or 281 or 285 or 288 or 289 or 290 (1711219)
- 292 212 and 291 (5249)
- 293 "stills disease".mp. (2591)
- 294 exp systemic juvenile idiopathic arthritis/ (1083)
- 295 SYSTEMIC-ONSET JUVENILE ARTHRIT*.mp. (23)
- 296 (JUVENILE SYSTEMIC-ONSET ARTHRIT* or JUVENILE SYSTEMIC-ONSET IDIOPATHIC ARTHRIT* or SYSTEMIC-ONSET JUVENILE IDIOPATHIC ARTHRITIS or JUVENILE SYSTEMIC ARTHRIT* or SYSTEMIC JUVENILE ARTHRIT* or JUVENILE SYSTEMIC IDIOPATHIC ARTHRIT* or SYSTEMIC JUVENILE IDIOPATHIC ARTHRIT* or SYSTEMIC JIA or SYSTEMIC-ONSET JIA or SYSTEMIC-ONSET JRA or SYSTEMIC-ONSET JUVENILE RHEUMATOID ARTHRIT* or JUVENILE SYSTEMIC-ONSET RHEUMATOID ARTHRIT* or SYSTEMIC JRA or SYSTEMIC JUVENILE RHEUMATOID ARTHRIT* or JUVENILE SYSTEMIC RHEUMATOID ARTHRIT*).mp. (2778)
- 297 293 or 294 or 295 or 296 (5106)
- 298 juvenile idiopathic <https://protect-us.mimecast.com/s/vHjYCjRnG1HEJWEfWKdp0?domain=arthritis.mp>. or exp juvenile rheumatoid arthritis/ (20816)
- 299 juvenile chronic <https://protect-us.mimecast.com/s/vHjYCjRnG1HEJWEfWKdp0?domain=arthritis.mp>. and (JIA or JRA or IDIOPATHIC).ti,ab. (109)
- 300 JUVENILE <https://protect-us.mimecast.com/s/ee-1CkRoJ1HI0xltVGL4i?domain=arthritis.mp>. and (JIA or JRA or IDIOPATHIC).ti,ab. (965)
- 301 298 or 299 or 300 (20836)

302 297 or 301 (22378)

303 limit 302 to (abstracts and english language and (article or article in press or "review")) (10297)

304 (exp hemophagocytic syndrome/ and <https://protect-us.mimecast.com/s/Aa9rCxlZgi80Y8f80XxW4?domain=secondary.mp>.) or exp macrophage activation syndrome/ (2843)

305 (hemophagocytic syndrome and secondary).mp. (1252)

306 (HEMOPHAGOCYTIC LYMPHOHISTIOCYTOS* and SECONDARY).mp. (1080)

307 MACROPHAGE ACTIVATION*.mp. (26216)

308 304 or 305 or 306 or 307 (27470)

309 303 and 308 (516)

310 CALCINEURIN INHIBITOR*.mp. or exp calcineurin inhibitor/ (91432)

311 (PROTEIN PHOSPHATASE-2B INHIBITOR* or PROTEIN PHOSPHATASE 3 INHIBITOR* or CALCINEURIN ANTAGONIST* or CALCINEURIN BLOCKER* or PROGRAF or PROGRAFT or FR-900506 or FR900506 or FK-506 or FK506 or "33-EPI-CHLORO-33-DESOXYASCOMYCIN" or SDZ-ASM-981 or "ASM 981" or ELIDEL or TACROLIMUS or CYCLOSPORIN or CYCLOSPORINE or CICLOSPORINE or "MUSTOPIC OINT" or TSUKUBAENOLIDE or CIPOL or CYCLOKAT or DEXIMUNE or IMPLANTA or IMMUNOSPORIN or IMUSPORIN or VEKACIA or PROGRAF or ADVAGRAF or HECORIA or GENGRAF or ASTAGRAF or "OL-27-400" or "CSA-NEORAL" or "CYA-NOF" or NEURAL).mp. (557556)

312 310 or 311 (564945)

313 (PULSE THERAP* or PULSE DRUG THERAP* or DRUG PULSE THERAP*).mp. (9914)

314 INTRAVENOUS <https://protect-us.mimecast.com/s/0oKMCyPm1jFDWxDSZvgKMr?domain=administration.mp>. or exp intravenous drug administration/ (380567)

315 (PULSE DOSE* or PULSED or PULSE THERAP* or INTRAVENOUS* or IV THERAP*).mp. (1161823)

316 313 or 314 or 315 (1161876)

317 312 or 316 (1678528)

318 309 and 317 (272)

319 juvenile idiopathic <https://protect-us.mimecast.com/s/vHjYCjRnG1HEJWefWKdp0?domain=arthritis.mp>. or exp juvenile rheumatoid arthritis/ (20816)

- 320 juvenile chronic <https://protect-us.mimecast.com/s/vHjYCjRnG1HEJWEfWKdp0?domain=arthritis.mp>. and (JIA or JRA or IDIOPATHIC).ti,ab. (109)
- 321 JUVENILE <https://protect-us.mimecast.com/s/ee-1CkRoJ1HI0xltVGL4i?domain=arthritis.mp>. and (JIA or JRA or IDIOPATHIC).ti,ab. (965)
- 322 319 or 320 or 321 (20836)
- 323 https://protect-us.mimecast.com/s/r7x0CIYpK1HGKQGfyk_je?domain=temporomandibular.mp. (27542)
- 324 TMJ.ti,ab. (9139)
- 325 ARTHRIT*.mp. (325914)
- 326 (costen's syndrome or COSTEN SYNDROME).ti,ab. (37)
- 327 323 or 324 or 326 (28456)
- 328 325 and 327 (1945)
- 329 (oligoarthrit* or oligo-arthritis*).mp. (1898)
- 330 (oligoarticular* or "oligo-articular" or "oligo articular").ti,ab. (1821)
- 331 juvenile idiopathic <https://protect-us.mimecast.com/s/vHjYCjRnG1HEJWEfWKdp0?domain=arthritis.mp>. or juvenile rheumatoid arthritis/ (20816)
- 332 (JIA or JRA).ti,ab. (9864)
- 333 331 or 332 (22532)
- 334 330 and 333 (1339)
- 335 329 or 334 (3111)
- 336 328 or 335 (4997)
- 337 adult/ or middle aged/ or young adult/ (6884305)
- 338 exp juvenile/ (3257587)
- 339 337 not (337 and 338) (5731897)
- 340 336 not 339 (3867)
- 341 322 not 339 (18650)

- 342 340 or 341 (20308)
- 343 limit 342 to (abstracts and human and english language and (article or article in press or "review")) (8795)
- 344 "stills disease".mp. (2591)
- 345 exp systemic juvenile idiopathic arthritis/ (1083)
- 346 SYSTEMIC-ONSET JUVENILE ARTHRIT*.mp. (23)
- 347 (JUVENILE SYSTEMIC-ONSET ARTHRIT* or JUVENILE SYSTEMIC-ONSET IDIOPATHIC ARTHRIT* or SYSTEMIC-ONSET JUVENILE IDIOPATHIC ARTHRITIS or JUVENILE SYSTEMIC ARTHRIT* or SYSTEMIC JUVENILE ARTHRIT* or JUVENILE SYSTEMIC IDIOPATHIC ARTHRIT* or SYSTEMIC JUVENILE IDIOPATHIC ARTHRIT* or SYSTEMIC JIA or SYSTEMIC-ONSET JIA or SYSTEMIC-ONSET JRA or SYSTEMIC-ONSET JUVENILE RHEUMATOID ARTHRIT* or JUVENILE SYSTEMIC-ONSET RHEUMATOID ARTHRIT* or SYSTEMIC JRA or SYSTEMIC JUVENILE RHEUMATOID ARTHRIT* or JUVENILE SYSTEMIC RHEUMATOID ARTHRIT*).mp. (2778)
- 348 344 or 345 or 346 or 347 (5106)
- 349 juvenile idiopathic <https://protect-us.mimecast.com/s/vHjYCjRnG1HEJWEfWKdp0?domain=arthritis.mp>. or exp juvenile rheumatoid arthritis/ (20816)
- 350 juvenile chronic <https://protect-us.mimecast.com/s/vHjYCjRnG1HEJWEfWKdp0?domain=arthritis.mp>. and (JIA or JRA or IDIOPATHIC).ti,ab. (109)
- 351 JUVENILE <https://protect-us.mimecast.com/s/ee-1CkRoJ1HI0xltVGL4i?domain=arthritis.mp>. and (JIA or JRA or IDIOPATHIC).ti,ab. (965)
- 352 349 or 350 or 351 (20836)
- 353 348 or 352 (22378)
- 354 limit 353 to (abstracts and english language and (article or article in press or "review")) (10297)
- 355 343 or 354 (10870)
- 356 LEUKOCYTE <https://protect-us.mimecast.com/s/k4O2Czpn2kfDB5DS4WuPbQ?domain=count.mp>. or exp leukocyte count/ (201647)
- 357 PLATELET <https://protect-us.mimecast.com/s/k4O2Czpn2kfDB5DS4WuPbQ?domain=count.mp>. or platelet count/ (47162)
- 358 LIVER FUNCTION TEST*.mp. or liver function test/ (43004)

- 359 BLOOD CELL <https://protect-us.mimecast.com/s/k4O2Czpn2kfDB5DS4WuPbQ?domain=count.mp>. or exp blood cell count/ (260752)
- 360 URINALYS*.mp. or exp urinalysis/ (105056)
- 361 <https://protect-us.mimecast.com/s/CHKxCADmJpC0ok0fG1pKts?domain=creatinine.mp>. (256079)
- 362 <https://protect-us.mimecast.com/s/7TpQCBBnKqSqmYqfzX8N10?domain=triglycerides.mp>. or triacylglycerol/ (200299)
- 363 <https://protect-us.mimecast.com/s/LhvpCDk0Mvipm4psWXx3FJ?domain=cholesterol.mp>. (404322)
- 364 lipid <https://protect-us.mimecast.com/s/NORgCERPnwHyGEyiNONsGw?domain=panel.mp>. (1122)
- 365 LOW DENSITY <https://protect-us.mimecast.com/s/dddVCG69P0tnlvnCKOykXp?domain=lipoprotein.mp>. or low density lipoprotein/ (199791)
- 366 high density https://protect-us.mimecast.com/s/h_rVCJ6PVBtOzNOiV3gDSr?domain=lipoprotein.mp. or high density lipoprotein/ (159947)
- 367 kidney function <https://protect-us.mimecast.com/s/vQmICKr6WDHKwVKfMwglTe?domain=test.mp>. or kidney function test/ (11143)
- 368 serum <https://protect-us.mimecast.com/s/vFmXCL9PXEFqO6qfBNThOy?domain=creatinine.mp>. or creatinine blood level/ (119446)
- 369 (LEUKOCYTE NUMBER* or WHITE BLOOD CELL COUNT* or PLATELET NUMBER* or POLYMORPHONUCLEAR LEUKOCYTE* or LE CELLS or LE CELL or LIVER ENZYME* or CBC or COMPLETE BLOOD COUNT* or BLOOD CELL COUNT* or BLOOD CELL NUMBER* or KREBIOZEN).mp. (135783)
- 370 (URINARY ANALYSIS or URINARY TEST or URINE ANALYSIS or URINE EXAMINATION or URINE INVESTIGATION or URINE TEST or URINE TESTING or WBC COUNT or WBC COUNTS or WHITE BLOOD COUNT or WHITE CELL COUNT or BLOOD PLATELET COUNT or PLATELET NUMBER or HEPATIC FUNCTION TEST).mp. (27818)
- 371 356 or 357 or 358 or 359 or 360 or 361 or 362 or 363 or 364 or 365 or 366 or 367 or 368 or 369 or 370 (1195321)
- 372 355 and 371 (845)
- 373 NSAID*.mp. or exp nonsteroid antiinflammatory agent/ (713203)
- 374 https://protect-us.mimecast.com/s/RmZ9C829wVf3Mo3HB_94I?domain=indomethacin.mp. (41524)

375 (NON-STEROIDAL ANTI-INFLAMMATOR* or NONSTEROIDAL ANTI-INFLAMMATORY AGENT* or NONSTEROIDAL ANTIINFLAMMATORY AGENT* or ANTI-INFLAMMATORY ANALGESIC or ACECLOFENAC or ACEMETACIN or ACETOSYRINGONE or ACETOVANILLONE or ADAPALENE or ALCLOFENAC or ALMINOPROFEN or AMIPRILOSE or AMPYRONE or ANDROGRAPHOLIDE or ANISODAMINE or ANISODINE or ANTIPYRINE or APAZONE or APREMILAST or ARTEPARON or ARTHROTEC or ASPIRIN or ATRINOSITOL or AZULENE or BAICALIN or BALSALAZIDE or BENDAZAC or BENDAZAC LYSINE or BENORILATE or BENOXAPROFEN or BENZOBARBITAL or BERBAMINE or BEVONIUM or BOLDINE or BROMFENAC or BUCILLAMINE or BUFEXAMAC or BUMADIZONE or BUTIBUFEN or CARPROFEN or CARYOPHYLLENE or CASTANOSPERMINE or CELECOXIB or CEPHARANTHINE or CHLOROQUINE DIPHOSPHATE or CHOLINE MAGNESIUM TRISALICYLATE or CHRYSAROBIN or CLONIXIN or CURCUMIN or DAURICINE or DEXKETOPROFEN TROMETAMOL or DICLOFENAC or DIFENPIRAMIDE or DIFLUNISAL or DIMEPHOSPHON or DIPYRONE or DIUCIFON or DROXICAM or EBSELEN or ECALLANTIDE or ELTENAC or EPIRIZOLE or ETANERCEPT or ETHENZAMIDE or ETHONIUM or ETODOLAC or ETOFENAMATE or ETORICOXIB or FENBUFEN or FENCLOFENAC or FENFLUMIZOLE or FENOPROFEN or FENTIAZAC or FEPRADINOL or FEPRAZONE or FLOCTAFENINE or FLOSULIDE or FLUNIXIN or FLUNOXAPROFEN or FLUPROQUAZONE or FLURBIPROFEN or GLUCAMETACIN or GUACETISAL or HELENALIN or HELIODERMIN or HEMODES or HIGENAMINE or IBUPROFEN or IBUPROXAM or ICATIBANT or INDOBUFEN or INDOMETHACIN or INDOPROFEN or IODOANTIPYRINE or ISOXICAM or KEBUZONE or KETOPROFEN or KETOROLAC or LICOFELONE or LISOFYLLINE or LOBENZARIT or LONAZOLAC or LORNOXICAM or LOXOPROFEN or LUMIRACOXIB or MAGNOLOL or MANOALIDE or MASOPROCOL or MELOXICAM or MESALAMINE or MIZORIBINE or MOFEBUTAZONE or MOFEZOLAC or NABUMETONE or NAFAMOSTAT or NAPROXEN or NEBACETIN or NEPAFENAC or NIFENAZONE or NIMESULIDE or NITROASPIRIN or OLSALAZINE or OLVANIL or ORGOTEIN or OXAPROZIN or OXYPHENBUTAZONE or PALMIDROL or PARECOXIB or PARTHENOLIDE or PEONIFLORIN or PHENIDONE or PHENYLBUTAZONE or PIMECROLIMUS or PIRFENIDONE or PIROXICAM or PIRPROFEN or PROGLUMETACIN or PROPACETAMOL or PROPIONYL CARNITINE or PROPYPHENAZONE or PROQUAZONE or PYRANOPROFEN or PYRAZOLONE or PYROGENAL or RESVERATROL or RNS60 or ROFECOXIB or RUMALON or SAIKO-KEISHI-TO or SAIKOSAPONIN or SALICIN or SALICYLAMIDE or SALICYLATES or "SALICYLSALICYLIC ACID" or SEMAPIMOD or SERATRODAST or SERRATIOPEPTIDASE or SHIKONIN or SINAPALDEHYDE or SODIUM SALICYLATE or SUL-121 or SULFASALAZINE or SULINDAC or SUPROFEN or SUXIBUZONE or TANSHINONE or TAXIFOLIN or TENIDAP or TENOXICAM or TEPOXALIN or TIARAMIDE or TINORIDINE or TOLMETIN or TRANILAST or TRIBENOSIDE or VALDECOXIB or ZILEUTON or ZOMEPIRAC or CELEBREX or SC-58635 or SC58635 or ETODOLIC* or ULTRADOL or LODINE or RAMODAR or AY-24236 or CP-16171 or CP16171 or FELDENE or DICLOPHENAC or DICROFENAC or DICHLOFENAL or "DICLONATE P" or FELORAN or VOLTAROL or NOVAPIRINA or ORTHOFEN or ORTOFEN or ORTHOPHEN or SR-38 or VOLTAREN or NABUMETON or RELIFEX or RELIF or APO-NABUMETONE or APONABUMETONE or MEBUTAN or LISTRAN or GEN-NABUMETONE or ARTHRAXAN or RHOXAL-NABUMETONE or RELAFEN or NABUCOX or MILOXICAM or PAROCIN or MOBIC or MOBICOX or MOBEC or MASFLEX or MOVICOX or REUMOXICAM or UTICOX or MOVALIS or INDOMETACIN or OSMOSIN or INDOCID or METINDOL or AMUNO or INDOCIN or TOLECTIN or MCN-2559 or MOTRIN or NUPRIN or RUFEN or SALPROFEN or BRUFEN or METHOXYPROPIOCIN or ANAPROX or ALEVE or PROXEN or SYN FLEX or NAPROSIN or NAPROSYN).mp. (474369)

- 376 373 or 374 or 375 (841632)
- 377 <https://protect-us.mimecast.com/s/yI6qCwpkY1f6QB6HXUF8Z?domain=leflunomide.mp.> or leflunomide/ (11450)
- 378 <https://protect-us.mimecast.com/s/BuHtCxlZgi80Y8f08XNE?domain=arava.tn.> (538)
- 379 <https://protect-us.mimecast.com/s/cKZvCyPm1jfDWxDSvpik9?domain=arabloc.mp.> (6)
- 380 (hwa 486 or hwa486 or repso or rs 34821 or rs34821 or su 101 or su101).tn. (200)
- 381 hydroxychloroquine/ (22365)
- 382 <https://protect-us.mimecast.com/s/pDRhCzpn2kfDB5DSWp7Kd?domain=hydroxychloroquine.mp.> (23217)
- 383 <https://protect-us.mimecast.com/s/c3hkCADmJpC0ok0f1DcgK?domain=chloroquinol.mp.> (4)
- 384 <https://protect-us.mimecast.com/s/1eCWCBBnKqSqmYqfXC3I0?domain=hydrochloroquine.mp.> (53)
- 385 <https://protect-us.mimecast.com/s/2KZbCDk0Mvipm4psX-gGP?domain=oxychloroquine.mp.> (6)
- 386 (ercoquin or plaquenil or quensyl or "sn 8137").tn,mp. (1315)
- 387 https://protect-us.mimecast.com/s/T1FnCERPNwHyGEyi0BQG_?domain=sulfasalazine.mp. or salazosulfapyridine/ (25013)
- 388 (azopyrin or azopyrine or azosulfidine or azulfide or azulfidina or azulfidine* or azulfin).mp. (691)
- 389 (benzosulfa or colo pleon or colo-pleon or colopleon or disalazin or gastropyrin).mp. (72)
- 390 (pleon ra or pyralin en or rorasul or rosulfant or salazine or salazo sulfapyridine).mp. (29)
- 391 (salazodin or salazopirina or salazopyridin or salazopyridine or salazopyrin* or salazosulfa pyridine or salazosulfpuridine or salicyl azo sulfapyridine or salicylazosulfapyridin* or salisulf or salopyr or saridine or sas 500 or sulcolon or sulfasalazine or sulfosalazine or sulphasalazine or zopyrin).mp. (2842)
- 392 methotrexate/ or <https://protect-us.mimecast.com/s/3DL7CG69P0tnlvnCOtwnS?domain=methotrexate.mp.> (175129)
- 393 (a methopterine or abitrexate or amethopterin or amethopterine or amethopterine or antifolan or biotrexate or canceren or cl 14377 or cl14377 or emtexate or emthexat or emthexate or emtrexate or enthexate or farmitrexat or farmitrexate or farmotrex or folex or ifamet or imeth or jylamvo or lantarel or ledertrexate or maxtrex or metex or methoblastin or methohexate or methotrate or methotrexat or methotrexato or methrotrexate or methylaminopterin or methylaminopterine or metecil or metoject or metothrexate or metotrexat or metotrexate or metotrexin or metrex or mexate or mexate-aq or mexate-aq* or mpi 5004 or mpi5004 or MTX or neotrexate or nordimet or novatrex or nsc 740 or nsc740)

or otrexup or rasuvo or reumatrex or rheumatrex or texate or texate-t or texorate or trexall or xaken or xatmep or zexate).mp. (24750)

394 377 or 378 or 379 or 380 or 381 or 382 or 383 or 384 or 385 or 386 or 387 or 388 or 389 or 390 or 391 or 392 or 393 (207088)

395 methotrexate/ or <https://protect-us.mimecast.com/s/3DL7CG69P0tnlvnCOtwNS?domain=methotrexate.mp>. (175129)

396 https://protect-us.mimecast.com/s/JgEZCQWO3MHVq0VhgxAf_?domain=canakinumab.mp. or canakinumab/ (2750)

397 <https://protect-us.mimecast.com/s/bsSECW68gVt3YJ3HQu0eV?domain=tocilizumab.mp>. or tocilizumab/ (10496)

398 <https://protect-us.mimecast.com/s/wlaUCR6L4NtYl2YH6jfPx?domain=riloncept.mp>. or riloncept/ (836)

399 <https://protect-us.mimecast.com/s/8DrtCYEMk8iYzrYH5GQTV?domain=anakinra.mp>. or anakinra/ (4519)

400 (AMETHOPTERIN or MEXATE or KINERET or ANTRIL or ILARIS or ACZ-885 or ACZ885 or ATLIZUMAB or ACTEMRA).mp. (2473)

401 (atlizumab or lusinex or r1569 or roactemra).mp. (771)

402 https://protect-us.mimecast.com/s/T9yNCIYpK1HGKQGfGyDu_q?domain=arcalyst.mp. (135)

403 il 1 <https://protect-us.mimecast.com/s/mDD0CmZEL5UXYOXHG9d3W9?domain=trap.mp>. (51)

404 (A METHOPTERINE or ABITREXATE or AMETHOPTERIN or AMETHOPTERINE or AMETOPTERINE or ANTIFOLAN or BIOTREXATE or CANCEREN or CL 14377 or CL14377 or EMTEXATE or EMTHEXAT or EMTHEXATE or EMTREXATE or ENTHEXATE or FARMITREXAT or FARMITREXATE or FARMOTREX or FOLEX or FOLEX PFS or IFAMET or IMETH or JYLAMVO or LANTAREL or LEDERTREXATE or MAXTREX or METEX or METHOBLASTIN or METHOHEXATE or METHOTRATE or METHOTREXAT or METHOTREXAT EBEWE or METHOTREXATO or METHOXTREXATE or METHROTREXATE or METHYLAMINOPTERIN or METHYLAMINOPTERINE or METICIL or METOJECT or METOTHREXATE or METOTHREXATE SODIUM or METOTREXAT or METOTREXATE or METOTREXIN or METREX or MEXATE* or MPI 5004 or MPI5004 or MTX or NEOTREXATE or NORDIMET or NOVATREX or NSC 740 or NSC740 or OTREXUP or RASUVO or REUMATREX or RHEUMATREX or TEXATE or TEXATE-T or TEXORATE or TREXALL or XAKEN or XATMEP or ZEXATE).mp. (24751)

405 395 or 396 or 397 or 398 or 399 or 400 or 401 or 402 or 403 or 404 (188442)

406 <https://protect-us.mimecast.com/s/Z4M1CNk8ZJiLx4Lfv7cBA?domain=abatacept.mp>. or abatacept/ (8753)

- 407 (LEA29Y or BMS224818 or BMS-224818 or BELATACEPT or ORENCIA or BMS-188667 or CTLA-4-IG or "CYTOTOXIC T LYMPHOCYTE-ASSOCIATED ANTIGEN 4-IMMUNOGLOBULIN" or CTLA4-IG* or CTLA4-FC or NULOJIX).mp. (3702)
- 408 (BMS 188667 or BMS188667 or CTLA4 or CTLA4IG).mp. (6375)
- 409 406 or 407 or 408 (15879)
- 410 TUMOR NECROSIS FACTOR ALPHA <https://protect-us.mimecast.com/s/rojzCM89YGfP8NPUwMvWwg?domain=inhibitor.mp>. or exp tumor necrosis factor inhibitor/ (86651)
- 411 (TUMOR NECROSIS FACTOR INHIBITOR* or TUMOUR NECROSIS FACTOR INHIBITOR* or TNFALPHA INHIBITOR* or TNF-ALPHA INHIBITOR* or TNF INHIBITOR* or ANTI-TUMOR NECROSIS FACTOR* or ANTI-TUMOUR NECROSIS FACTOR* or ANTI-TNF* or TNFI).mp. (40949)
- 412 (ANTI TUMOR NECROSIS FACTOR AGENT or ANTI TUMOUR NECROSIS FACTOR AGENT or TNF ALPHA INHIBITOR or TNF INHIBITOR or TUMOR NECROSIS FACTOR ALPHA INHIBITOR or TUMOUR NECROSIS FACTOR ALPHA INHIBITOR or TUMOUR NECROSIS FACTOR INHIBITOR or ADALIMUMAB or BELANTAMAB or BELANTAMAB MAFODOTIN or BLESELUMAB or CD24FC or DENOSUMAB or EFIZONERIMOD ALFA or ETANERCEPT or GOLIMUMAB or INFLIXIMAB or PEGILODECAKIN or RAVAGALIMAB or REMTOLUMAB or SELICRELUMAB or TAVOLIMAB or TIBULIZUMAB or VANALIMAB).mp. (82355)
- 413 405 or 406 or 407 or 408 or 409 or 410 or 411 or 412 (264696)
- 414 376 or 394 or 413 (925195)
- 415 414 and 372 (529)
- 416 juvenile idiopathic <https://protect-us.mimecast.com/s/vHjYCjRnG1HEJWefWKdp0?domain=arthritis.mp>. or exp juvenile rheumatoid arthritis/ (20816)
- 417 juvenile chronic <https://protect-us.mimecast.com/s/vHjYCjRnG1HEJWefWKdp0?domain=arthritis.mp>. and (JIA or JRA or IDIOPATHIC).ti,ab. (109)
- 418 JUVENILE <https://protect-us.mimecast.com/s/ee-1CkRoJ1HI0xltVGL4i?domain=arthritis.mp>. and (JIA or JRA or IDIOPATHIC).ti,ab. (965)
- 419 416 or 417 or 418 (20836)
- 420 https://protect-us.mimecast.com/s/r7x0CIYpK1HGKQGfyk_je?domain=temporomandibular.mp. (27542)
- 421 TMJ.ti,ab. (9139)

- 422 ARTHRIT*.mp. (325914)
- 423 (costen's syndrome or COSTEN SYNDROME).ti,ab. (37)
- 424 420 or 421 or 423 (28456)
- 425 422 and 424 (1945)
- 426 (oligoarthrit* or oligo-arthrit*).mp. (1898)
- 427 (oligoarticular* or "oligo-articular" or "oligo articular").ti,ab. (1821)
- 428 juvenile idiopathic <https://protect-us.mimecast.com/s/vHjYCjRnG1HEJWEfWKdp0?domain=arthritis.mp>. or juvenile rheumatoid arthritis/ (20816)
- 429 (JIA or JRA).ti,ab. (9864)
- 430 428 or 429 (22532)
- 431 427 and 430 (1339)
- 432 426 or 431 (3111)
- 433 425 or 432 (4997)
- 434 adult/ or middle aged/ or young adult/ (6884305)
- 435 exp juvenile/ (3257587)
- 436 434 not (434 and 435) (5731897)
- 437 433 not 436 (3867)
- 438 419 not 436 (18650)
- 439 437 or 438 (20308)
- 440 limit 439 to (abstracts and human and english language and (article or article in press or "review")) (8795)
- 441 "stills disease".mp. (2591)
- 442 exp systemic juvenile idiopathic arthritis/ (1083)
- 443 SYSTEMIC-ONSET JUVENILE ARTHRIT*.mp. (23)
- 444 (JUVENILE SYSTEMIC-ONSET ARTHRIT* or JUVENILE SYSTEMIC-ONSET IDIOPATHIC ARTHRIT* or SYSTEMIC-ONSET JUVENILE IDIOPATHIC ARTHRITIS or JUVENILE SYSTEMIC ARTHRIT* or SYSTEMIC

JUVENILE ARTHRIT* or JUVENILE SYSTEMIC IDIOPATHIC ARTHRIT* or SYSTEMIC JUVENILE IDIOPATHIC ARTHRIT* or SYSTEMIC JIA or SYSTEMIC-ONSET JIA or SYSTEMIC-ONSET JRA or SYSTEMIC-ONSET JUVENILE RHEUMATOID ARTHRIT* or JUVENILE SYSTEMIC-ONSET RHEUMATOID ARTHRIT* or SYSTEMIC JRA or SYSTEMIC JUVENILE RHEUMATOID ARTHRIT* or JUVENILE SYSTEMIC RHEUMATOID ARTHRIT*).mp. (2778)

445 441 or 442 or 443 or 444 (5106)

446 juvenile idiopathic <https://protect-us.mimecast.com/s/vHjYCjRnG1HEJWEfWKdp0?domain=arthritis.mp>. or exp juvenile rheumatoid arthritis/ (20816)

447 juvenile chronic <https://protect-us.mimecast.com/s/vHjYCjRnG1HEJWEfWKdp0?domain=arthritis.mp>. and (JIA or JRA or IDIOPATHIC).ti,ab. (109)

448 JUVENILE <https://protect-us.mimecast.com/s/ee-1CkRoJ1HI0xltVGL4i?domain=arthritis.mp>. and (JIA or JRA or IDIOPATHIC).ti,ab. (965)

449 446 or 447 or 448 (20836)

450 445 or 449 (22378)

451 limit 450 to (abstracts and english language and (article or article in press or "review")) (10297)

452 440 or 451 (10870)

453 exp hepatitis C/ or HEPATITIS <https://protect-us.mimecast.com/s/HfJHCnk8ZJiLx4Lfmv8zom?domain=c.mp>. (146595)

454 HEPATITIS <https://protect-us.mimecast.com/s/RJ6ZCOYZ1KHXYWYHE3ZaLG?domain=b.mp>. or exp hepatitis B/ (152991)

455 <https://protect-us.mimecast.com/s/RSfwCPNY2LigmpgtzwhRPN?domain=chickenpox.mp>. or chickenpox/ (13480)

456 measles/ or <https://protect-us.mimecast.com/s/BSpqCQWO3MHVq0VhxgchYa?domain=measles.mp>. (34449)

457 HERPES <https://protect-us.mimecast.com/s/DeThCR6L4NtYl2YH96ShuF?domain=zoster.mp>. or herpes zoster/ (25559)

458 (SERIOUS INFECTION* or HERPES VIRUS VARICELLAE or HERPESVIRUS 3 or ZONA VIRUS or VARICELLA* or PT-NANBH or HERPESVIRUS 3 or CHICKEN POX or RUBEOLA or RUBELLA or morbilli).mp. (52829)

459 453 or 454 or 455 or 456 or 457 or 458 (347741)

- 460 452 and 459 (483)
- 461 juvenile idiopathic <https://protect-us.mimecast.com/s/vHjYCjRnG1HEJWEfWKdp0?domain=arthritis.mp>. or exp juvenile rheumatoid arthritis/ (20816)
- 462 juvenile chronic <https://protect-us.mimecast.com/s/vHjYCjRnG1HEJWEfWKdp0?domain=arthritis.mp>. and (JIA or JRA or IDIOPATHIC).ti,ab. (109)
- 463 JUVENILE <https://protect-us.mimecast.com/s/ee-1CkRoJ1HI0xltVGL4i?domain=arthritis.mp>. and (JIA or JRA or IDIOPATHIC).ti,ab. (965)
- 464 461 or 462 or 463 (20836)
- 465 https://protect-us.mimecast.com/s/r7x0CIYpK1HGKQGfyk_je?domain=temporomandibular.mp. (27542)
- 466 TMJ.ti,ab. (9139)
- 467 ARTHRIT*.mp. (325914)
- 468 (costen's syndrome or COSTEN SYNDROME).ti,ab. (37)
- 469 465 or 466 or 468 (28456)
- 470 467 and 469 (1945)
- 471 (oligoarthrit* or oligo-arthrit*).mp. (1898)
- 472 (oligoarticular* or "oligo-articular" or "oligo articular").ti,ab. (1821)
- 473 juvenile idiopathic <https://protect-us.mimecast.com/s/vHjYCjRnG1HEJWEfWKdp0?domain=arthritis.mp>. or juvenile rheumatoid arthritis/ (20816)
- 474 (JIA or JRA).ti,ab. (9864)
- 475 473 or 474 (22532)
- 476 472 and 475 (1339)
- 477 471 or 476 (3111)
- 478 470 or 477 (4997)
- 479 adult/ or middle aged/ or young adult/ (6884305)
- 480 exp juvenile/ (3257587)

- 481 479 not (479 and 480) (5731897)
- 482 478 not 481 (3867)
- 483 464 not 481 (18650)
- 484 482 or 483 (20308)
- 485 limit 484 to (abstracts and human and english language and (article or article in press or "review")) (8795)
- 486 "stills disease".mp. (2591)
- 487 exp systemic juvenile idiopathic arthritis/ (1083)
- 488 SYSTEMIC-ONSET JUVENILE ARTHRIT*.mp. (23)
- 489 (JUVENILE SYSTEMIC-ONSET ARTHRIT* or JUVENILE SYSTEMIC-ONSET IDIOPATHIC ARTHRIT* or SYSTEMIC-ONSET JUVENILE IDIOPATHIC ARTHRITIS or JUVENILE SYSTEMIC ARTHRIT* or SYSTEMIC JUVENILE ARTHRIT* or JUVENILE SYSTEMIC IDIOPATHIC ARTHRIT* or SYSTEMIC JUVENILE IDIOPATHIC ARTHRIT* or SYSTEMIC JIA or SYSTEMIC-ONSET JIA or SYSTEMIC-ONSET JRA or SYSTEMIC-ONSET JUVENILE RHEUMATOID ARTHRIT* or JUVENILE SYSTEMIC-ONSET RHEUMATOID ARTHRIT* or SYSTEMIC JRA or SYSTEMIC JUVENILE RHEUMATOID ARTHRIT* or JUVENILE SYSTEMIC RHEUMATOID ARTHRIT*).mp. (2778)
- 490 486 or 487 or 488 or 489 (5106)
- 491 juvenile idiopathic <https://protect-us.mimecast.com/s/vHjYCjRnG1HEJWEfWKdp0?domain=arthritis.mp>. or exp juvenile rheumatoid arthritis/ (20816)
- 492 juvenile chronic <https://protect-us.mimecast.com/s/vHjYCjRnG1HEJWEfWKdp0?domain=arthritis.mp>. and (JIA or JRA or IDIOPATHIC).ti,ab. (109)
- 493 JUVENILE <https://protect-us.mimecast.com/s/ee-1CkRoJ1HI0xltVGL4i?domain=arthritis.mp>. and (JIA or JRA or IDIOPATHIC).ti,ab. (965)
- 494 491 or 492 or 493 (20836)
- 495 490 or 494 (22378)
- 496 limit 495 to (abstracts and english language and (article or article in press or "review")) (10297)
- 497 485 or 496 (10870)
- 498 (INTERLEUKIN-6 adj3 (INHIBITOR* or ANTAGONIST*)).mp. (803)

- 499 (INTERLEUKIN-1 adj3 (INHIBITOR* or ANTAGONIST*)).mp. (4677)
- 500 (INTERLEUKIN-1 RECEPTOR* adj3 (INHIBITOR* or ANTAGONIST*)).mp. (4100)
- 501 (INTERLEUKIN-6 RECEPTOR* adj3 (INHIBITOR* or ANTAGONIST*)).mp. (194)
- 502 exp tumor necrosis factor inhibitor/ or <https://protect-us.mimecast.com/s/UxQnCKr6WDHKwVKfwOuyb?domain=tnfi.mp>. (84349)
- 503 <https://protect-us.mimecast.com/s/FBkFCL9PXEfQO6qfNGyt3?domain=infliximab.mp>. or infliximab/ (48723)
- 504 CERTOLIZUMAB <https://protect-us.mimecast.com/s/CvDLCM89YGfP8NPUMgO6i?domain=pegol.mp>. or certolizumab pegol/ (6062)
- 505 <https://protect-us.mimecast.com/s/Z4M1CNk8ZJiLx4Lfv7cBA?domain=abatacept.mp>. or abatacept/ (8753)
- 506 rituximab/ (72964)
- 507 <https://protect-us.mimecast.com/s/xWshCOYZ1KHXYWYH3NsYt?domain=rituximab.mp>. (76089)
- 508 <https://protect-us.mimecast.com/s/LtAKCPNY2Ligmpgtw0lIL?domain=tofacitinib.mp>. or tofacitinib/ (3626)
- 509 https://protect-us.mimecast.com/s/JgEZCQWO3MHVq0VhgxAf_?domain=canakinumab.mp. or canakinumab/ (2750)
- 510 <https://protect-us.mimecast.com/s/wlaUCR6L4NtYl2YH6jfPx?domain=riloncept.mp>. or riloncept/ (836)
- 511 <https://protect-us.mimecast.com/s/FmouCVON8RHBKGBCPqAVh?domain=golimumab.mp>. or golimumab/ (6324)
- 512 <https://protect-us.mimecast.com/s/bsSECW68gVt3YJ3HQu0eV?domain=tocilizumab.mp>. or tocilizumab/ (10496)
- 513 <https://protect-us.mimecast.com/s/PN9TCXDMjWCANwAHN1MuR?domain=secukinumab.mp>. or secukinumab/ (2857)
- 514 (BIOLOGIC DISEASE MODIF* or BIOLOGIC RESPONSE MODIF* or DISEASE-MODIFYING ANTIRHEUMATIC* or DISEASE-MODIFYING ANTI-RHEUMATIC* or DMARD*).mp. (25544)
- 515 disease modifying antirheumatic drug/ (15443)
- 516 (INTERLEUKIN-1 BLOCKER* or IL-1 BLOCKER* or IL-1 BLOCKADE* or INTERLEUKIN-1 BLOCKADE* or INTERLEUKIN-6 BLOCKER* or IL-6 BLOCKER* or IL-6 BLOCKADE* or INTERLEUKIN-6 BLOCKADE* or ILARIS

or ACZ-885 or ACZ885 or ANTI-INTERLEUKIN-1* or ANTI-IL-1* or ANTI-INTERLEUKIN-6* or ANTI-IL-6*).mp. (9604)

517 <https://protect-us.mimecast.com/s/8DrtCYEMk8iYzrYH5GQTV?domain=anakinra.mp>. or anakinra/ (4519)

518 (KINERET or ANTRIL or INTERLEUKIN-6 INHIBITOR* or IL-6 INHIBITOR* or INTERLEUKIN-1 INHIBITOR* or IL-1 INHIBITOR* or TUMOR NECROSIS FACTOR INHIBITOR* or TUMOUR NECROSIS FACTOR INHIBITOR*).mp. (15168)

519 (TNFALPHA INHIBITOR* or TNF-ALPHA INHIBITOR* or TNF INHIBITOR* or ANTI-TUMOR NECROSIS FACTOR* or ANTI-TUMOUR NECROSIS FACTOR* or ANTI-TNF* or HUMIRA or ADALIMUMAB-ADB or AMJEVITA).mp. (36953)

520 (ADALIMUMAB-ATTO or CYLTEZO or ETANERCEPT or "TNFR-FC FUSION PROTEIN" or "TNR 001" or "TNT RECEPTOR FUSION PROTEIN" or TNR-001 or ETANERCEPT-SZZS or "TNF RECEPTOR TYPE II-IGG FUSION PROTEIN" or ERELZI or ENBREL).mp. (30938)

521 ("MONOCLONAL ANTIBODY CA2" or "MAB CA2" or RENFLEXIS or INFLECTRA or REMICADE or CIMZIA or CDP870 or LEA29Y or BMS224818 or BMS-224818 or BELATACEPT or ORENCIA or BMS-188667 or CTLA-4-IG).mp. (7707)

522 ("CYTOTOXIC T LYMPHOCYTE-ASSOCIATED ANTIGEN 4-IMMUNOGLOBULIN" or CTLA4-IG* or CTLA4-FC or NULOJIX or ATLIZUMAB or ACTEMRA or MABTHERA or IDEC-C2B8 ANTIBODY or IDEC-C2B8 or GP2013 or RITUXAN or TASOCITINIB or XELJANZ or CP690550 or CP-690550 or CP 690550 or COSENTYX or AIN457 or AIN-457).mp. (7476)

523 interleukin-1 receptor block*.mp. or interleukin 1 receptor blocking agent/ (18273)

524 interleukin 6/ and receptor blocking agent/ (205)

525 498 or 499 or 500 or 501 or 502 or 503 or 504 or 505 or 506 or 507 or 508 or 509 or 510 or 511 or 512 or 513 or 514 or 515 or 516 or 517 or 518 or 519 or 520 or 521 or 522 or 523 or 524 (214157)

526 <https://protect-us.mimecast.com/s/O49ECVON8RHBKGBCGPpTla?domain=tuberculosis.mp>. or exp tuberculosis/ (233236)

527 <https://protect-us.mimecast.com/s/drZQCW68gVt3YJ3H6QUcHh?domain=mycobacterium.mp>. or Mycobacterium/ (123983)

528 TUBERCULIN <https://protect-us.mimecast.com/s/nBp1CXDMjWCANwAH6NNGPK?domain=test.mp>. or tuberculin test/ (16950)

529 ("KOCH'S DISEASE" or KOCH DISEASE or KOCHS DISEASE or LTBI).mp. (3038)

530 (tuberculous infection or tuberculous lesion).mp. (2052)

- 531 526 or 527 or 528 or 529 or 530 (276546)
- 532 497 and 525 and 531 (347)
- 533 juvenile idiopathic <https://protect-us.mimecast.com/s/vHjYCjRnG1HEJWEfWKdp0?domain=arthritis.mp>. or exp juvenile rheumatoid arthritis/ (20816)
- 534 juvenile chronic <https://protect-us.mimecast.com/s/vHjYCjRnG1HEJWEfWKdp0?domain=arthritis.mp>. and (JIA or JRA or IDIOPATHIC).ti,ab. (109)
- 535 JUVENILE <https://protect-us.mimecast.com/s/ee-1CkRoJ1HI0xltVGL4i?domain=arthritis.mp>. and (JIA or JRA or IDIOPATHIC).ti,ab. (965)
- 536 533 or 534 or 535 (20836)
- 537 https://protect-us.mimecast.com/s/r7x0CIYpK1HGKQGfyk_je?domain=temporomandibular.mp. (27542)
- 538 TMJ.ti,ab. (9139)
- 539 ARTHRIT*.mp. (325914)
- 540 (costen's syndrome or COSTEN SYNDROME).ti,ab. (37)
- 541 537 or 538 or 540 (28456)
- 542 539 and 541 (1945)
- 543 (oligoarthrit* or oligo-arthrit*).mp. (1898)
- 544 (oligoarticular* or "oligo-articular" or "oligo articular").ti,ab. (1821)
- 545 juvenile idiopathic <https://protect-us.mimecast.com/s/vHjYCjRnG1HEJWEfWKdp0?domain=arthritis.mp>. or juvenile rheumatoid arthritis/ (20816)
- 546 (JIA or JRA).ti,ab. (9864)
- 547 545 or 546 (22532)
- 548 544 and 547 (1339)
- 549 543 or 548 (3111)
- 550 542 or 549 (4997)
- 551 adult/ or middle aged/ or young adult/ (6884305)

552 exp juvenile/ (3257587)

553 551 not (551 and 552) (5731897)

554 550 not 553 (3867)

555 536 not 553 (18650)

556 554 or 555 (20308)

557 limit 556 to (abstracts and human and english language and (article or article in press or "review")) (8795)

558 "stills disease".mp. (2591)

559 exp systemic juvenile idiopathic arthritis/ (1083)

560 SYSTEMIC-ONSET JUVENILE ARTHRIT*.mp. (23)

561 (JUVENILE SYSTEMIC-ONSET ARTHRIT* or JUVENILE SYSTEMIC-ONSET IDIOPATHIC ARTHRIT* or SYSTEMIC-ONSET JUVENILE IDIOPATHIC ARTHRITIS or JUVENILE SYSTEMIC ARTHRIT* or SYSTEMIC JUVENILE ARTHRIT* or JUVENILE SYSTEMIC IDIOPATHIC ARTHRIT* or SYSTEMIC JUVENILE IDIOPATHIC ARTHRIT* or SYSTEMIC JIA or SYSTEMIC-ONSET JIA or SYSTEMIC-ONSET JRA or SYSTEMIC-ONSET JUVENILE RHEUMATOID ARTHRIT* or JUVENILE SYSTEMIC-ONSET RHEUMATOID ARTHRIT* or SYSTEMIC JRA or SYSTEMIC JUVENILE RHEUMATOID ARTHRIT* or JUVENILE SYSTEMIC RHEUMATOID ARTHRIT*).mp. (2778)

562 558 or 559 or 560 or 561 (5106)

563 juvenile idiopathic <https://protect-us.mimecast.com/s/vHjYCjRnG1HEJWEfWKdp0?domain=arthritis.mp>. or exp juvenile rheumatoid arthritis/ (20816)

564 juvenile chronic <https://protect-us.mimecast.com/s/vHjYCjRnG1HEJWEfWKdp0?domain=arthritis.mp>. and (JIA or JRA or IDIOPATHIC).ti,ab. (109)

565 JUVENILE <https://protect-us.mimecast.com/s/ee-1CkRoJ1HI0xltVGL4i?domain=arthritis.mp>. and (JIA or JRA or IDIOPATHIC).ti,ab. (965)

566 563 or 564 or 565 (20836)

567 562 or 566 (22378)

568 limit 567 to (abstracts and english language and (article or article in press or "review")) (10297)

569 557 or 568 (10870)

- 570 <https://protect-us.mimecast.com/s/nz4RCYEMk8iYZrYH05IOv7?domain=vaccines.mp>. or vaccine/ (149029)
- 571 VACCINATION*.mp. or exp vaccination/ (211144)
- 572 live vaccine/ (14134)
- 573 INACTIVATED VACCINE*.mp. or inactivated vaccine/ (6748)
- 574 <https://protect-us.mimecast.com/s/fDTmCZ6Wl1tvRJvfz22tui?domain=immunization.mp>. or immunization/ (165691)
- 575 (VACCIN* or IMMUNIS* or reimmunisation or reimmunization).mp. (447382)
- 576 570 or 571 or 572 or 573 or 574 or 575 (513476)
- 577 MAGNETIC RESONANCE <https://protect-us.mimecast.com/s/cU3cC1w9mLFgmVgtLZG1m2?domain=imaging.mp>. or exp nuclear magnetic resonance imaging/ (923493)
- 578 X-RAY*.mp. or X ray/ (553949)
- 579 <https://protect-us.mimecast.com/s/5K9JC2k9nMirGMrSnw1wik?domain=ultrasonography.mp>. or echography/ (386023)
- 580 radiography/ or joint radiography/ (193597)
- 581 RADIOGRAPH*.mp. (639585)
- 582 radiology/ or <https://protect-us.mimecast.com/s/9AkYC319oNf3Mn3Hg32pue?domain=radiology.mp>. (122263)
- 583 <https://protect-us.mimecast.com/s/cU3cC1w9mLFgmVgtLZG1m2?domain=imaging.mp>. (1689000)
- 584 (MAGNETIC RESONANCE or MR TOMOGRAPH* or NMR TOMOGRAPH* or ZEUGMATOGRAPH* or PROTON SPIN TOMOGRAPH* or MRI SCAN* or FMRI or FUNCTIONAL MRI* or ULTRASONOGRAPH* or ECHOGRAPH* or ULTRASOUND* or MEDICAL SONOGRAPH* or ECHOTOMOGRAPH* or ULTRASONIC DIAGNOS* or ULTRASONIC TOMOGRAPH* or ROENTGENOGRAPH* XRAY* or ROENTGEN RAY* or magnetic resonance tomograph* or magnetization transfer imaging or MRI or NMR imaging or doptone or sonogram or sonograph* or ultrasonic detection* or ultrasonic scan*).mp. (1953129)
- 585 577 or 578 or 579 or 580 or 581 or 582 or 583 or 584 (3487175)
- 586 576 or 585 (3984532)
- 587 569 and 586 (2229)

- 588 <https://protect-us.mimecast.com/s/pDRhCzpn2kfDB5DSWp7Kd?domain=hydroxychloroquine.mp>. or hydroxychloroquine/ (23217)
- 589 (CHLOROQUINOL or ERCOQUIN or HYDROCHLOROQUINE or HYDROCLOROQUINE or OXYCHLOROQUINE or PLAQUENIL or QUENSYL or SN 8137).mp. (1374)
- 590 588 or 589 (23239)
- 591 VISION SCREEN*.mp. or exp vision test/ (35560)
- 592 VISUAL FIELD TEST*.mp. or perimetry/ (12107)
- 593 exp optical coherence tomography/ or OPTICAL COHERENCE TOMOGRAPH*.mp. (59536)
- 594 (CAMPIMETR*OR PERIMETR* or VISUAL SCREEN* or OCT TOMOGRAPH* or SD OCT or vision test* or visual field exam* or visual field test*).mp. (20065)
- 595 591 or 592 or 593 or 594 (94350)
- 596 590 and 595 (422)
- 597 juvenile idiopathic <https://protect-us.mimecast.com/s/vHjYCjRnG1HEJWEfWKdp0?domain=arthritis.mp>. or exp juvenile rheumatoid arthritis/ (20816)
- 598 juvenile chronic <https://protect-us.mimecast.com/s/vHjYCjRnG1HEJWEfWKdp0?domain=arthritis.mp>. and (JIA or JRA or IDIOPATHIC).ti,ab. (109)
- 599 JUVENILE <https://protect-us.mimecast.com/s/ee-1CkRoJ1HI0xltVGL4i?domain=arthritis.mp>. and (JIA or JRA or IDIOPATHIC).ti,ab. (965)
- 600 597 or 598 or 599 (20836)
- 601 https://protect-us.mimecast.com/s/r7x0CIYpK1HGKQGfyk_je?domain=temporomandibular.mp. (27542)
- 602 TMJ.ti,ab. (9139)
- 603 ARTHRIT*.mp. (325914)
- 604 (costen's syndrome or COSTEN SYNDROME).ti,ab. (37)
- 605 601 or 602 or 604 (28456)
- 606 603 and 605 (1945)

- 607 (oligoarthrit* or oligo-arthrit*).mp. (1898)
- 608 (oligoarticular* or "oligo-articular" or "oligo articular").ti,ab. (1821)
- 609 juvenile idiopathic <https://protect-us.mimecast.com/s/vHjYCjRnG1HEJWEfWKdp0?domain=arthritis.mp>. or juvenile rheumatoid arthritis/ (20816)
- 610 (JIA or JRA).ti,ab. (9864)
- 611 609 or 610 (22532)
- 612 608 and 611 (1339)
- 613 607 or 612 (3111)
- 614 606 or 613 (4997)
- 615 adult/ or middle aged/ or young adult/ (6884305)
- 616 exp juvenile/ (3257587)
- 617 615 not (615 and 616) (5731897)
- 618 614 not 617 (3867)
- 619 600 not 617 (18650)
- 620 618 or 619 (20308)
- 621 limit 620 to (abstracts and human and english language and (article or article in press or "review")) (8795)
- 622 "stills disease".mp. (2591)
- 623 exp systemic juvenile idiopathic arthritis/ (1083)
- 624 SYSTEMIC-ONSET JUVENILE ARTHRIT*.mp. (23)
- 625 (JUVENILE SYSTEMIC-ONSET ARTHRIT* or JUVENILE SYSTEMIC-ONSET IDIOPATHIC ARTHRIT* or SYSTEMIC-ONSET JUVENILE IDIOPATHIC ARTHRITIS or JUVENILE SYSTEMIC ARTHRIT* or SYSTEMIC JUVENILE ARTHRIT* or JUVENILE SYSTEMIC IDIOPATHIC ARTHRIT* or SYSTEMIC JUVENILE IDIOPATHIC ARTHRIT* or SYSTEMIC JIA or SYSTEMIC-ONSET JIA or SYSTEMIC-ONSET JRA or SYSTEMIC-ONSET JUVENILE RHEUMATOID ARTHRIT* or JUVENILE SYSTEMIC-ONSET RHEUMATOID ARTHRIT* or SYSTEMIC JRA or SYSTEMIC JUVENILE RHEUMATOID ARTHRIT* or JUVENILE SYSTEMIC RHEUMATOID ARTHRIT*).mp. (2778)
- 626 622 or 623 or 624 or 625 (5106)

- 627 juvenile idiopathic <https://protect-us.mimecast.com/s/vHjYCjRnG1HEJWEfWKdp0?domain=arthritis.mp>. or exp juvenile rheumatoid arthritis/ (20816)
- 628 juvenile chronic <https://protect-us.mimecast.com/s/vHjYCjRnG1HEJWEfWKdp0?domain=arthritis.mp>. and (JIA or JRA or IDIOPATHIC).ti,ab. (109)
- 629 JUVENILE <https://protect-us.mimecast.com/s/ee-1CkRoJ1HI0xltVGL4i?domain=arthritis.mp>. and (JIA or JRA or IDIOPATHIC).ti,ab. (965)
- 630 627 or 628 or 629 (20836)
- 631 626 or 630 (22378)
- 632 limit 631 to (abstracts and english language and (article or article in press or "review")) (10297)
- 633 621 or 632 (10870)
- 634 596 and 633 (3)
- 635 173 or 292 or 318 or 415 or 460 or 532 or 587 or 634 (6996)
- 636 case report/ (2386151)
- 637 editorial/ (617847)
- 638 letter/ (1025956)
- 639 636 or 637 or 638 (3822370)
- 640 635 not 639 (5651)
- 641 limit 640 to exclude medline journals (442)