

SUPPLEMENTARY APPENDIX 4: Search Strategies

2019 American College of Rheumatology/Arthritis Foundation Guideline for the Treatment of Juvenile Idiopathic Arthritis: Therapeutic Approaches for Non-Systemic Polyarthritis, Sacroiliitis, and Enthesitis

JIA – SPONDYLARTHROPATHIES

PubMed, Embase, Cochrane Library

Syntax Guide for PubMed	
[MeSH] = Medical Subject Heading	[Text Word] = Includes all words and numbers in the title, abstract, other abstract, MeSH terms, MeSH Subheadings, Publication Types, Substance Names, Personal Name as Subject, Corporate Author, Secondary Source, Comment/Correction Notes, and Other Terms - typically non-MeSH subject terms (keywords)...assigned by an organization other than NLM
[MeSH subheading] = a Medical Subject Heading subheading, e.g. drug therapy	[Title/Abstract] = Includes words in the title and abstracts
mh:noexp = a command to retrieve the results of the Medical Subject Heading specified, but not narrower Medical Subject Heading terms	
Boolean Operators	
OR = retrieves results that include at least one of the search terms	AND = retrieves results that include all the search terms
NOT = excludes the retrieval of terms from the search	

PUBMED SEARCH STRATEGY - 6/10/17

(((("ARTHRITIS, SACROILIAC"[SUPPLEMENTARY CONCEPT]) OR (SACROILITIS[TW] OR SACROILEITIS[TW] OR SACROILITIS[TW]) OR ((INFLAMMAT*[TW] OR ARTHRIT*[TW]) AND (SACROILIAC*[TW] OR ILIOSACRAL*[TW])) OR (SPONDYLOARTHRITIS[TW] OR SPONDYLARTHRTIS[TW] OR SPONDYLARTHRTIDES[TW] OR RHEUMATOID SPONDYLITIS[TW] OR SPONDYLITIS ANKYLOPOIETICA[TW] OR ANKYLOSING SPONDYLOARTHRITIDES[TW] OR MARIE STRUEMPELL*[TW] OR BECHTEREW*[TW] OR STILLS DISEASE[TW] OR STILL DISEASE[TW]) OR (SPONDYLITIS, ANKYLOSING[MH] OR ANKYLOSING SPONDYLITIS[TW]) OR ("SPONDYLARTHROPATHIES"[MESH:NOEXP] OR SPONDYLOARTHROPATH*[TW] OR UNDIFFERENTIATED ARTHRITI*[TW] OR SPONDYLARTHROPATH*[TW]) OR (ARTHRITIS, PSORIATIC[MESH] OR ARTHRITIC PSORIASIS[TW] OR PSORIATIC

ARTHRITI*[TW] OR PSORIATIC ARTHROPATH*[TW]) OR (ENTHES*[TW] AND (ARTHRITI*[TW] OR SPONDYL*[TW] OR INFLAMMAT*[TW] OR PSORIA*[TW])) OR (ENTHESOPATHY[TW]) AND (ENGLISH[LANG])) NOT ("ANIMALS"[MESH] NOT ("ANIMALS"[MESH] AND HUMANS*[MESH])) NOT (("ADULT"[MESH]) NOT (("ADULT"[MESH]) AND (((("CHILD"[MESH]) OR "ADOLESCENT"[MESH]) OR "INFANT"[MESH])))) NOT (LETTER*[PT] OR COMMENT*[PT] OR EDITORIAL*[PT])) AND (((("ANTIRHEUMATIC AGENTS"[MESH:NOEXP] OR ANTIRHEUMATIC AGENT* OR ANTIRHEUMATIC DRUG* OR ANTI-RHEUMATIC AGENT* OR ANTI-RHEUMATIC DRUG* OR DMARD* OR ANTIRHEUMATIC DISEASE MODIFYING*) OR ("ANTIRHEUMATIC AGENTS"[PHARMACOLOGICAL ACTION])) OR (((("PHYSICAL THERAPY MODALITIES"[MESH] OR PHYSICAL THERAP*[TW] OR PHYSIOTHERAP*[TW]) OR ("OCCUPATIONAL THERAPY"[MESH] OR OCCUPATIONAL THERAP*[TW] OR ERGOTHERAP*[TW] OR PT/OT[TW])) OR ("ACTIVITIES OF DAILY LIVING"[MESH] OR "ACTIVITIES OF DAILY LIVING"[TW])) OR (("TRIAMCINOLONE HEXACETONIDE"[SUPPLEMENTARY CONCEPT] OR "TRIAMCINOLONE ACETONIDE"[MESH] OR TRICORT-40[TW] OR TRICORT 40[TW] OR KENALOG[TW] OR AZMACORT[TW] OR KENACORT A[TW]) OR (((INJECTIONS[MESH:NOEXP] OR INJECTIONS, INTRA-ARTICULAR[MESH] OR INTRA-ARTICULAR*[TW] OR INTRAARTICULAR*[TW] OR INJECT*[TW]) AND (GLUCOCORTICOID*[TW] OR GLUCOCORTICOID*[PHARMACOLOGICAL ACTION] OR ADRENAL CORTEX HORMONES[MH:NOEXP] OR CORTICOSTEROID*[TW] OR CORTICOID*[TW] OR STEROID*[TW])) OR (("GLUCOCORTICOID*[PHARMACOLOGICAL ACTION] AND DOSAGE"[MESH] AND (LOCAL[TW] OR LOCALLY*[TW])) OR (LOCAL STEROID*[TW] OR LOCAL CORTICOSTEROID*[TW] OR LOCAL GLUCOCORTICOID*[TW])))) OR ((TRIAMCINOLONE[TW] OR (ADRENAL CORTEX HORMONE*[TW] OR ADRENAL CORTICAL HORMONE*[TW] OR ADRENAL CORTICAL STEROID*[TW] OR ADRENAL STEROID*[TW] OR ADRENAL STEROID HORMONE*[TW] OR ADRENO CORTICAL STEROID*[TW] OR ADRENO CORTICOSTEROID*[TW] OR ADRENOCORTICAL HORMONE*[TW] OR ADRENOCORTICAL STEROID*[TW] OR ADRENOCORTICOSTEROID*[TW] OR CORTICAL STEROID*[TW] OR CORTICO STEROID*[TW] OR ((ADRENOCORTICOID*[TW]) OR (DEHYDROCORTISONE[TW] OR DELTA-CORTISONE[TW] OR RECTODELT[TW] OR ULTRACORTEN[TW] OR CORTANCYL[TW] OR DECORTIN[TW] OR DACORTIN[TW] OR DELTASONE[TW] OR ENCORTONE[TW] OR ENCORTON[TW] OR LIQUID PRED[TW] OR METICORTEN[TW] OR PANASOL[TW] OR PREDNI TABLINEN[TW] OR PRONISONE[TW]) OR ("PREDNISONE"[MESH] OR PREDNISON*[TW] OR PREDNISOLONE*[TW]) OR ("GLUCOCORTICOID*[PHARMACOLOGICAL ACTION] OR ("GLUCOCORTICOID*[MESH] OR GLUCOCORTICOID*[TW]) OR ("ADRENAL CORTEX HORMONES"[MESH:NOEXP] OR CORTICOSTEROID*[TW] OR CORTICOID*[TW])))) OR (ALCLOMETASONE DIPROPIONATE[TW] OR AMCINONIDE[TW] OR BECLOMETHASONE[TW] OR BETAMETHASONE[TW] OR BETAMETHASONE ACETATE[TW] OR BETAMETHASONE BENZOATE[TW] OR BETAMETHASONE SODIUM PHOSPHATE[TW] OR BETAMETHASONE VALERATE[TW] OR BUDESONIDE[TW] OR CICLESONIDE[TW] OR CLOBETASOL[TW] OR CLOBETASONE BUTYRATE[TW] OR CLOCORTOLONE[TW]

OR DESOXIMETASONE[TW] OR DEXAMETHASONE[TW] OR DICHLORISONE ACETATE[TW] OR DIFLORASONE[TW] OR DIFLUCORTOLONE[TW] OR DIFLUPREDNATE[TW] OR DROCINONIDE PHOSPHATE POTASSIUM[TW] OR FLUMETHASONE[TW] OR FLUOCINOLONE ACETONIDE[TW] OR FLUOCINONIDE[TW] OR FLUOCORTIN BUTYL ESTER[TW] OR FLUOCORTOLONE[TW] OR FLUOROMETHOLONE[TW] OR FLUPEROLONE ACETATE[TW] OR FLUPREDNIDENE ACETATE[TW] OR FLUPREDNISOLONE[TW] OR FLURANDRENOLONE[TW] OR MEDRYSONE[TW] OR MELENGESTROL ACETATE[TW] OR METHYLPREDNISOLONE[TW] OR PARAMETHASONE[TW] OR PREDNICARBATE[TW] OR RIMEXOLONE[TW]) OR ("HYDROXYCORTICOSTEROIDS"[MESH] OR HYDROXYCORTICOSTEROID*[TW])) OR (("BIOLOGICAL THERAPY"[MESH:NOEXP] OR BIOLOGICAL THERAP*[TW]) OR ("BIOLOGICAL PRODUCTS"[MESH:NOEXP] OR BIOLOGICAL PRODUCT*[TW] OR BIOLOGICS[TW]) OR (((((MEDI 0562[TW] OR MEDI 562[TW]) OR (ABT 122[TW]) OR (FLIXABI[TW]) OR ("INFLIXIMAB"[MESH] OR INFLIXIMAB[TW] OR MAB CA2[TW] OR MONOCLONAL ANTIBODY CA2[TW] OR REMICADE[TW]) OR (ERELZI[TW] OR ETANERCEPT-SZZS[TW]) OR ("ETANERCEPT"[MESH] OR ETANERCEPT[TW] OR ENBREL[TW] OR TNR-001[TW] OR TNR 001[TW])) OR ("DENOSUMAB"[MESH] OR DENOSUMAB[TW] OR PROLIA[TW] OR XGEVA[TW] OR AMG 162[TW]) OR (ABP 501[TW]) OR ("ADALIMUMAB"[MESH] OR ADALIMUMAB[TW] OR D2E7 ANTIBOD*[TW] OR HUMIRA[TW]) OR (ANTI TUMOR NECROSIS FACTOR AGENT*[TW] OR ANTI TUMOUR NECROSIS FACTOR AGENT*[TW] OR TNF ALPHA INHIBITOR*[TW] OR TNF INHIBITOR*[TW] OR TUMOUR NECROSIS FACTOR ALPHA INHIBITOR*[TW] OR TUMOUR NECROSIS FACTOR INHIBITOR*[TW]) OR (ANTI-TNF ALPHA AGENT*[TW] OR ANTI TNF ALPHA AGENT*[TW]) OR (ANTI TNF AGENT*[TW] OR ANTI-TNF AGENT*[TW]) OR ("TUMOR NECROSIS FACTOR-ALPHA/ANTAGONISTS AND INHIBITORS"[MESH] OR TUMOR NECROSIS FACTOR INHIBITOR*[TW] OR TUMOR NECROSIS FACTOR ALPHA INHIBITOR*[TW] OR TNF-ALPHA INHIBITOR*[TW] OR CACHECTIN INHIBITOR*[TW])) OR ("GOLIMUMAB"[SUPPLEMENTARY CONCEPT] OR GOLIMUMAB[TW])) OR (CERTOLIZUMAB PEGOL*[TW] OR CIMZIA*[TW] OR CDP870[TW] OR CDP 870[TW])) OR (TNF BLOCKER*[TW] OR TNF ALPHA BLOCKER*[TW] OR TUMOR NECROSIS FACTOR ALPHA BLOCKER*[TW] OR TUMOUR NECROSIS FACTOR ALPHA BLOCKER*[TW] OR TUMOR NECROSIS FACTOR BLOCKER*[TW] OR TUMOUR NECROSIS FACTOR BLOCKER*[TW])) OR (("METHOTREXATE"[MESH] OR METHOTREXATE*[TW] OR AMETHOPTERIN*[TW] OR MEXATE[TW]) OR (METHYLPTEROYLGLUTAMIC ACID[TW] OR A METHOPTERINE[TW] OR AMETOPTERINE*[TW] OR CL 14377[TW] OR EMTHEXAT[TW] OR EMTREXATE[TW] OR FOLEX[TW] OR INTRADOSE MTX[TW] OR LEDERTREXATE[TW] OR METEX[TW] OR METHROTREXATE[TW] OR METHYLAMINOPTERIN[TW] OR METOJECT[TW] OR METOTHREXATE[TW] OR METOTHREXATE SODIUM[TW] OR METOTREXAT[TW] OR METOTREXATE[TW] OR METREX[TW] OR MPI 5004[TW] OR MTX[TW] OR NEOTREXATE[TW] OR NSC 740[TW] OR OTREXUP[TW] OR RHEUMATREX[TW] OR TEXATE[TW] OR TREXALL[TW])) OR ((SULFASALAZINE[TW]) OR (SULPHASALAZINE[TW] OR SALAZOSULFAPYRIDINE[TW] OR SALICYLAZOSULFAPYRIDINE[TW] OR COLO-

PLEON[TW] OR PLEON[TW] OR SULFASALAZIN HEYL[TW] OR UCINE[TW] OR AZULFIDINE[TW] OR PYRALIN EN[TW] OR SALAZOPYRIN[TW] OR SULFASALAZIN MEDAC[TW])) OR (((NONSTEROIDAL ANTIINFLAMMATORY AGENT*[TW] OR NONSTEROIDAL ANTI INFLAMMATORY AGENT*[TW] OR NON-STEROIDAL ANTI-INFLAMMATORY AGENT*[TW] OR NON STEROIDAL ANTI INFLAMMATORY AGENT*[TW] OR ASPIRIN-LIKE AGENT*[TW] OR ANTI-INFLAMMATORY ANALGESIC*[TW] OR NON-STEROIDAL ANTI-RHEUMATIC AGENT*[TW] OR NON-STEROIDAL ANTIRHEUMATIC AGENT*[TW]) OR ("ANTI-INFLAMMATORY AGENTS, NON-STEROIDAL"[PHARMACOLOGICAL ACTION]) OR ("ANTI-INFLAMMATORY AGENTS, NON-STEROIDAL"[MESH] OR NSAID*[TW])) OR (A 771726[TW] OR ACECLOFENAC[TW] OR ACEMETACIN[TW] OR ACETOSYRINGONE[TW] OR ACETOVANILLONE[TW] OR ACETYLSALICYLIC ACID LYSINATE[TW] OR ADAPALENE[TW] OR ALCLOFENAC[TW] OR ALMINOPROFEN[TW] OR AMIPRILOSE[TW] OR AMPYRONE[TW] OR ANDROGRAPHOLIDE[TW] OR ANISODAMINE[TW] OR ANISODINE[TW] OR ANTIFLAMMIN P2[TW] OR ANTIPYRINE[TW] OR APAZONE[TW] OR APREMILAST[TW] OR ARTEPARON[TW] OR ARTHROTEC[TW] OR ASPIRIN[TW] OR ATRINOSITOL[TW] OR AZULENE[TW] OR BAICALIN[TW] OR BALSALAZIDE[TW] OR BENDAZAC[TW] OR BENORILATE[TW] OR BENOXAPROFEN[TW] OR BENZOBARBITAL[TW] OR BERBAMINE[TW] OR BETULINIC ACID[TW] OR BEVONIUM[TW] OR BIPHENYLYLACETIC ACID[TW] OR BOLDINE[TW] OR BREDININ[TW] OR BROMFENAC[TW] OR BUCILLAMINE[TW] OR BUFEXAMAC[TW] OR BUMADIZONE[TW] OR BUTIBUFEN[TW] OR CARBASPIRIN CALCIUM[TW] OR CARBON FIBER[TW] OR CARPROFEN[TW] OR CARYOPHYLLENE[TW] OR CASTANOSPERMINE[TW] OR CDP 571[TW] OR CELECOXIB[TW] OR CEPHARANTHINE[TW] OR CHLOROQUINE DIPHOSPHATE[TW] OR CHOLINE MAGNESIUM TRISALICYLATE[TW] OR CHRYSAROBIN[TW] OR CLONIXIN[TW] OR CP 96345[TW] OR CURCUMIN[TW] OR DAURICINE[TW] OR DEXKETOPROFEN TROMETAMOL[TW] OR DICLOFENAC[TW] OR DICLOFENAC HYDROXYETHYLPYRROLIDINE[TW] OR DIFENPIRAMIDE[TW] OR DIFLUNISAL[TW] OR DIMEPHOSPHON[TW] OR DIPYRONE[TW] OR DIUCIFON[TW] OR DROXICAM[TW] OR DUP 697[TW] OR EBSELEN[TW] OR EFAMOL[TW] OR ELTENAC[TW] OR ENFENAMIC ACID[TW] OR EPIRIZOLE[TW] OR ETANERCEPT[TW] OR ETHENZAMIDE[TW] OR ETHONIUM[TW] OR ETODOLAC[TW] OR ETOFENAMATE[TW] OR ETORICOXIB[TW] OR FENAMIC ACID[TW] OR FENBUFEN[TW] OR FENCLOFENAC[TW] OR FENFLUMIZOLE[TW] OR FENOPROFEN[TW] OR FENTIAZAC[TW] OR FEPRADINOL[TW] OR FEPRAZONE[TW] OR FERULIC ACID[TW] OR FLOCTAFENINE[TW] OR FLOSULIDE[TW] OR FLUNIXIN[TW] OR FLUNIXIN MEGLUMINE[TW] OR FLUNOXAPROFEN[TW] OR FLUPROQUAZONE[TW] OR FLURBIPROFEN[TW] OR FLURBIPROFEN AXETIL[TW] OR FR 167653[TW] OR FR 173657[TW] OR GLUCAMETACIN[TW] OR GUACETISAL[TW] OR HELENALIN[TW] OR HELIODERMIN[TW] OR HEMODES[TW] OR HIGENAMINE[TW] OR IBUPROFEN[TW] OR IBUPROXAM[TW] OR ICATIBANT[TW] OR IH 764-3[TW] OR IMIDAZOLE-2-HYDROXYBENZOATE[TW] OR INDOBUFEN[TW] OR INDOMETHACIN[TW] OR INDOPROFEN[TW] OR IODOANTIPYRINE[TW] OR ISOXICAM[TW] OR

KEBUZONE[TW] OR KETOPROFEN[TW] OR KETOPROFEN LYSINE[TW] OR KETOROLAC[TW] OR L 745337[TW] OR L 778736[TW] OR LIPOXIN A4[TW] OR LIPOXIN B4[TW] OR LISOFYLLINE[TW] OR LOBENZARIT[TW] OR LONAZOLAC[TW] OR LORNOXICAM[TW] OR LOXOPROFEN[TW] OR LUMIRACOXIB[TW] OR MAGNESIUM SALICYLATE[TW] OR MAGNOLOL[TW] OR MANOALIDE[TW] OR MASOPROCOL[TW] OR MECLOFENAMIC ACID*[TW] OR MEFENAMIC ACID*[TW] OR MELOXICAM[TW] OR MESALAMINE[TW] OR MOFEBUTAZONE[TW] OR MOFEZOLAC[TW] OR NABUMETONE[TW] OR NAFAMOSTAT[TW] OR NAPROXEN[TW] OR NEBACETIN[TW] OR NEPAFENAC[TW] OR NIFENAZONE[TW] OR NIFLUMIC ACID[TW] OR NIMESULIDE[TW] OR NITROASPIRIN[TW] OR OLOPATADINE HYDROCHLORIDE[TW] OR OLSALAZINE[TW] OR OLVANIL[TW] OR OREN GEDOKU TO[TW] OR ORGOTEIN[TW] OR OXAPROZIN[TW] OR OXYPHENBUTAZONE[TW] OR PALMIDROL[TW] OR PARECOXIB[TW] OR PARTHENOLIDE[TW] OR PEONIFLORIN[TW] OR PHENIDONE[TW] OR PHENYLBUTAZONE[TW] OR PIMECROLIMUS[TW] OR PIRFENIDONE[TW] OR PIROXICAM[TW] OR PIROXICAM-BETA-CYCLODEXTRIN[TW] OR PIRPROFEN[TW] OR PROGLUMETACIN[TW] OR PROPACETAMOL[TW] OR PROPIONYL CARNITINE[TW] OR PROPYPHENAZONE[TW] OR PROQUAZONE[TW] OR PYRANOPROFEN[TW] OR PYRAZOLONE[TW] OR PYROGENAL[TW] OR RESVERATROL[TW] OR ROFECOXIB[TW] OR ROSMARINIC ACID[TW] OR RUMALON[TW] OR SAIKO-KEISHI-TO[TW] OR SAIKOSAPONIN[TW] OR SALICIN[TW] OR SALICYLAMIDE[TW] OR SALICYLATES[TW] OR SALICYLSALICYLIC ACID[TW] OR SB 203580[TW] OR SC 299[TW] OR SC 41930[TW] OR SC 560[TW] OR SEMAPIMOD[TW] OR SERATRODAST[TW] OR SERRATIOPEPTIDASE[TW] OR SHIKONIN[TW] OR SINAPALDEHYDE[TW] OR SODIUM SALICYLATE*[TW] OR ST 679[TW] OR SULFASALAZINE[TW] OR SULINDAC[TW] OR SULINDAC SULFIDE[TW] OR SULINDAC SULFONE[TW] OR SUPROFEN[TW] OR SUXIBUZONE[TW] OR TANSHINONE[TW] OR TAXIFOLIN[TW] OR TENIDAP[TW] OR TENOXICAM[TW] OR TEPOXALIN[TW] OR TIAPROFENIC ACID[TW] OR TIARAMIDE[TW] OR TINORIDINE[TW] OR TOLFENAMIC ACID[TW] OR TOLMETIN[TW] OR TRANILAST[TW] OR TRIBENOSIDE[TW] OR URSOLIC ACID[TW] OR VALDECOXIB[TW] OR ZILEUTON[TW] OR ZOMEPIRAC[TW]))

Syntax Guide for Embase	
/exp	Explode. Includes Embase subject headings and the narrower terms in the hierarchy.
ti,ab	Includes words in the title or abstracts
de	Includes words in Embase subject headings
Boolean Operators	
OR = retrieves results that include at least one of the search terms	AND = retrieves results that include all the search terms
NOT = excludes the retrieval of terms from the search	

EMBASE SEARCH STRATEGY - 6/9/17

- #205#204 AND ('Article'/it OR 'Article in Press'/it OR 'Conference Paper'/it OR 'Review'/it)spondyl all2017-06-092017-06-091331
- #204#183 AND #203spondyl all2017-06-092017-06-095239
- #203#184 OR #185 OR #186 OR #189 OR #193 OR #198 OR #202spondyl all2017-06-092017-06-091617266
- #202#199 OR #200 OR #201spondyl all2017-06-092017-06-09170027
- #201'occupational therapy'/exp OR 'occupational therapy':ti,ab OR ergotherap*:ti,ab OR 'occupational therapies':ti,abspondyl all2017-06-092017-06-0923069
- #200'daily life activity'/exp OR 'activities of daily living':ti,abspondyl all2017-06-092017-06-0976696
- #199'physiotherapy'/exp OR 'physical therapy':ti,ab OR 'physical therapies':ti,ab OR 'pt/ot':ti,abspondyl all2017-06-092017-06-0981025
- #198#194 OR #195 OR #196 OR #197spondyl all2017-06-092017-06-0918692
- #197'local corticosteroid':ti,ab OR 'local glucocorticoid':ti,ab OR 'local steroid':ti,ab,de OR 'local corticosteroids':ti,ab OR 'local glucocorticoids':ti,ab OR 'local steroids':ti,abspondyl all2017-06-092017-06-091885
- #196'intraarticular drug administration'/exp OR 'intraarticular injection':ti,ab OR 'intraarticular injections':ti,ab OR 'intra-articular injection':ti,ab OR 'intra-articular injections':ti,ab AND (steroid*:ti,ab,de OR corticosteroid*:ti,ab,de OR glucocorticoid*:ti,ab,de)spondyl all2017-06-092017-06-092575
- #195'triamcinolone hexacetonide'/exp OR 'triamcinolone hexacetonide':ti,abspondyl all2017-06-092017-06-091099
- #194'triamcinolone acetonide'/exp OR 'triamcinolone acetonide':ti,abspondyl all2017-06-092017-06-0914122
- #193#190 OR #191 OR #192spondyl all2017-06-092017-06-09893981
- #192fluprednisolone*:ti,abspondyl all2017-06-092017-06-0924
- #191prednisone*:ti,ab OR prednisolone*:ti,abspondyl all2017-06-092017-06-0969905
- #190'corticosteroid'/exp OR glucocorticoid*:ti,ab OR corticosteroid*:ti,abspondyl all2017-06-092017-06-09888226
- #189#187 OR #188spondyl all2017-06-092017-06-0975117
- #188'biological therapy'/despondyl all2017-06-092017-06-0911551
- #187'tumor necrosis factor inhibitor'/exp OR 'tumor necrosis factor inhibitor':ti,ab OR tnfi:ti,ab OR 'tumour necrosis factor inhibitor':ti,ab OR 'tumour necrosis factor inhibitors':ti,abspondyl all2017-06-092017-06-0967186
- #186'methotrexate'/exp OR methotrexate*:ti,abspondyl all2017-06-092017-06-09158683
- #185'salazosulfapyridine'/exp OR salazosulfapyridine*:ti,ab OR sulfasalazine*:ti,abspondyl all2017-06-092017-06-0922699
- #184'nonsteroid antiinflammatory agent'/exp OR 'nonsteroid antiinflammatory':ti,ab OR 'nonsteroidal antiinflammatory':ti,ab OR 'non-steroid antiinflammatory':ti,ab OR 'non-steroidal antiinflammatory':ti,ab OR 'non-steroid anti-inflammatory':ti,ab OR 'non-steroidal anti-inflammatory':ti,ab OR nsaid*:ti,abspondyl all2017-06-092017-06-09525324
- #183#181 NOT #182spondyl all2017-06-092017-06-0912899
- #182'letter'/exp OR 'editorial'/exp OR 'case report'/exp spondyl all2017-06-092017-06-093486309
- #181#179 NOT #180spondyl all2017-06-092017-06-0913809
- #180'animal'/exp NOT ('animal'/exp AND 'human'/exp)spondyl all2017-06-092017-06-094855308
- #179#177 NOT #178spondyl all2017-06-092017-06-0914020
- #178'adult'/exp NOT ('adult'/exp AND 'juvenile'/exp)spondyl all2017-06-092017-06-095382670
- #177#176 AND [embase]/lim NOT [medline]/lim AND [english]/lim spondyl all2017-06-092017-06-0917529
- #176#170 OR #171 OR #172 OR #173 OR #174 OR #175spondyl all2017-06-092017-06-0954318
- #175spondyloarthritis:ti,ab OR spondylarthritis:ti,abspondyl all2017-06-092017-06-095882
- #174'enthesopathy'/exp OR enthes*:ti,abspondyl all2017-06-092017-06-095431
- #173'undifferentiated arthritis':ti,abspondyl all2017-06-092017-06-09662
- #172'spondylitis'/despondyl all2017-06-092017-06-095455

- #171'ankylosing spondylitis'/exp OR spondylitis:ti,abspondyl all2017-06-092017-06-0929750
- #170'spondyloarthritis'/exp OR spondyloarthropath*:ti,ab OR 'psoriatic arthritis':ti,ab OR 'sacroiliitis'/exp OR sacroiliitis:ti,ab OR sacroileitis:ti,ab OR spondylarthropath*:ti,abspondyl all2017-06-092017-06-0924714

Syntax Guide for Cochrane Library	
[MeSH] = Medical Subject Heading	[Text Word] = Includes all words and numbers in the title, abstract, other abstract, MeSH terms, MeSH Subheadings, Publication Types, Substance Names, Personal Name as Subject, Corporate Author, Secondary Source, Comment/Correction Notes, and Other Terms - typically non-MeSH subject terms (keywords)...assigned by an organization other than NLM
[MeSH subheading] = a Medical Subject Heading subheading, e.g. drug therapy	[ti, ab, kw] = Includes words in the title or abstracts or keywords
mh:noexp or MeSH:noexp= a command to retrieve the results of the Medical Subject Heading specified, but not narrower Medical Subject Heading terms	
Boolean Operators	
OR = retrieves results that include at least one of the search terms	AND = retrieves results that include all the search terms
NOT = excludes the retrieval of terms from the search	

COCHRANE LIBRARY SEARCH STRATEGY - 6/9/17

- | | |
|-----|--|
| ID | Search |
| #1 | MeSH descriptor: [Spondylarthropathies] this term only |
| #2 | MeSH descriptor: [Spondylitis, Ankylosing] explode all trees |
| #3 | MeSH descriptor: [Arthritis, Psoriatic] explode all trees |
| #4 | sacroiliitis or SACROILEITIS |
| #5 | ENTHES* |
| #6 | "ARTHRITIC PSORIASIS" or "PSORIATIC ARTHRITIS" |
| #7 | PSORIATIC ARTHROPATH* |
| #8 | "SACROILIAC ARTHRITIS" |
| #9 | SPONDYLOARTHROPATH* |
| #10 | SPONDYLOARTHROITIS |
| #11 | SPONDYLARTHROITIS |
| #12 | "UNDIFFERENTIATED ARTHRITIS" |
| #13 | (ARTHRITIS or INFLAMMAT*) and (SACROILIAC or ILIOSACRAL) in Trials |
| #14 | #1 or #2 or #3 or #4 or #5 or #6 or #7 or #8 or #9 or #10 or #11 or #12 or #13 in Trials |
| #15 | MeSH descriptor: [Anti-Inflammatory Agents, Non-Steroidal] explode all trees |

- #16 NSAID*
- #17 #15 or #16
- #18 MeSH descriptor: [Adult] explode all trees
- #19 MeSH descriptor: [Adolescent] explode all trees
- #20 MeSH descriptor: [Child] explode all trees
- #21 MeSH descriptor: [Infant] explode all trees
- #22 #19 or #20 or #21
- #23 #18 not (#18 and #22)
- #24 #14 not #23
- #25 JUVENIL* or CHILD* or ADOLES* or INFAN* or BABY or BABIES or TEEN* or PEDIATRIC or PAEDIATRIC or NEWBORN or NEONAT* or SCHOOL CHILD or PRESCHOOL or PRE-SCHOOL or SCHOOL-AGE* or SCHOOL AGE* or TODDLER* or BOY or BOYS or GIRL or GIRLS OF HIGH SCHOOL or HIGH-SCHOOL or KINDERGARTEN or ELEMENTARY SCHOOL or ELEMENTARY-SCHOOL or PRIMARY SCHOOL or PRIMARY-SCHOOL or SECONDARY SCHOOL or SECONDARY-SCHOOL
- #26 #25 and #24
- #27 nonsteroidal antiinflammatory
- #28 non-steroidal antiinflammatory
- #29 nonsteroidal anti-inflammatory
- #30 non-steroidal anti-inflammatory
- #31 #17 or #27 or #28 or #29 or #30
- #32 MeSH descriptor: [Sulfasalazine] explode all trees
- #33 SULFASALAZINE or SULPHASALAZINE or SALAZOSULFAPYRIDINE
- #34 #32 or #33
- #35 MeSH descriptor: [Methotrexate] explode all trees
- #36 METHOTREXATE
- #37 #35 or #36
- #38 MeSH descriptor: [Tumor Necrosis Factor-alpha] explode all trees and with qualifier(s): [Antagonists & inhibitors - AI]
- #39 TNFI or TUMOR NECROSIS FACTOR INHIBITOR or ANTI-TNF or ANTI-TUMOR NECROSIS FACTOR or TUMOR NECROSIS FACTOR ALPHA INHIBITOR*
- #40 MeSH descriptor: [Biological Therapy] this term only
- #41 #38 or #39 or #40
- #42 MeSH descriptor: [Antirheumatic Agents] this term only
- #43 DMARD*
- #44 ANTIRHEUMATIC AGENT or ANTIRHEUMATIC DRUG or ANTI-RHEUMATIC AGENT* or ANTI-RHEUMATIC DRUG
- #45 #42 or #43 or #44
- #46 MeSH descriptor: [Glucocorticoids] explode all trees
- #47 GLUCOCORTICOID or CORTICOSTEROID or CORTICAL STEROID or CORTICOID
- #48 MeSH descriptor: [Adrenal Cortex Hormones] this term only
- #49 MeSH descriptor: [Prednisone] explode all trees
- #50 PREDNISONE
- #51 METHYLPREDNISONE

#52 #46 or #47 or #48 or #49 or #50 or #51
#53 MeSH descriptor: [Triamcinolone Acetonide] explode all trees
#54 TRIAMCINOLONE HEXACETONIDE
#55 MeSH descriptor: [Methylprednisolone] explode all trees
#56 "METHYLPREDNISOLONE ACETATE"
#57 MeSH descriptor: [Injections, Intra-Articular] explode all trees
#58 MeSH descriptor: [Injections] this term only
#59 #58 and (STEROID or CORTICOSTEROID or GLUCOCORTICOID)
#60 LOCAL STEROID or LOCAL CORTICOSTEROID or LOCAL GLUCOCORTICOID
#61 #53 or #54 or #55 or #56 or #57 or #58 or #59 or #60
#62 MeSH descriptor: [Physical Therapy Modalities] explode all trees
#63 PHYSICAL THERAP* or PHYSIOTHERAP*
#64 MeSH descriptor: [Occupational Therapy] explode all trees
#65 "PT/OT"
#66 ERGOTHERAP*
#67 OCCUPATIONAL THERAP*
#68 MeSH descriptor: [Activities of Daily Living] explode all trees
#69 #62 or #63 or #64 or #65 or #66 or #67 or #68
#70 #31 or #34 or #37 or #41 or #52 or #61 or #69 or #45
#71 #70 and #26

JIA – POLYARTHRITIS

PubMed, Embase, Cochrane Library

Syntax Guide for PubMed	
[MeSH] = Medical Subject Heading	[Text Word] = Includes all words and numbers in the title, abstract, other abstract, MeSH terms, MeSH Subheadings, Publication Types, Substance Names, Personal Name as Subject, Corporate Author, Secondary Source, Comment/Correction Notes, and Other Terms - typically non-MeSH subject terms (keywords)...assigned by an organization other than NLM
[MeSH subheading] = a Medical Subject Heading subheading, e.g. drug therapy	[Title/Abstract] = Includes words in the title and abstracts
mh:noexp = a command to retrieve the results of the Medical Subject Heading specified, but not narrower Medical Subject Heading terms	
Boolean Operators	
OR = retrieves results that include at least one of the search terms	AND = retrieves results that include all the search terms
NOT = excludes the retrieval of terms from the search	

PUBMED SEARCH STRATEGY - 10/13/17

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((P-JIA[TW] OR PJIA[TW] OR POLYARTHRITI*[TW] OR POLYARTHROPATH*[TW]
OR POLYARTHROS*[TW] OR POLYARTHRIDES[TW] OR POLYJIA[TW] OR POLY-
JIA[TW] OR POLY JIA[TW]) OR ("ARTHRITIS, JUVENILE"[MESH] OR ARTHRITI*[TW]
OR JIA[TW]) AND ((ACR PEDI [TIAB] OR PEDI CRITERIA[TIAB] OR PEDIATRIC
CRITERIA[TIAB] OR PEDI 30[TIAB] OR PEDI 20[TIAB] OR PEDI 40 [TIAB] OR PEDI 100
[TIAB] OR PEDI 50[TIAB] OR PEDI 90[TIAB] OR POLYARTICULAR*[TW] OR POLY-
ARTICULAR*[TW] OR POLY ARTICULAR*[TW])) OR (ARTHRITI*[TW] AND
("NUMBER OF JOINTS"[TW] OR MORE THAN FIVE JOINT*[TW] OR MULTI-
JOINT*[TW] OR MULTIJOINT*[TW])) OR ("NEGATIVE RHEUMATOID FACTOR
POLYARTHRITIS"[SUPPLEMENTARY CONCEPT]) OR (ARTHRITI*[TW] AND
(MULTIPLE JOINT*[TW] OR SEVERAL JOINT*[TW] OR NUMEROUS JOINT*[TW] OR
MANY JOINT*[TW] OR MORE THAN FIVE JOINT*[TW]))) NOT (("ADULT"[MESH])
NOT (("ADULT"[MESH]) AND ((("ADOLESCENT"[MESH]) OR "CHILD"[MESH]) OR
"INFANT"[MESH]))) NOT ("ANIMALS"[MESH] NOT ("ANIMALS"[MESH] AND
"HUMANS"[MESH]))) NOT (COMMENT*[PT] OR LETTER*[PT] OR EDITORIAL*[PT])
AND (ENGLISH[LANG])) AND (((("PHYSICAL THERAPY MODALITIES"[MESH] OR
PHYSICAL THERAP*[TW] OR PHYSIOTHERAP*[TW]) OR ("OCCUPATIONAL
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THERAPY"[MESH] OR OCCUPATIONAL THERAP*[TW] OR ERGOTHERAP*[TW] OR PT/OT[TW])) OR (((NONSTEROIDAL ANTIINFLAMMATORY AGENT*[TW] OR NONSTEROIDAL ANTI INFLAMMATORY AGENT*[TW] OR NON-STEROIDAL ANTI-INFLAMMATORY AGENT*[TW] OR NON STEROIDAL ANTI INFLAMMATORY AGENT*[TW] OR ASPIRIN-LIKE AGENT*[TW] OR ANTI-INFLAMMATORY ANALGESIC*[TW] OR NON-STEROIDAL ANTI-RHEUMATIC AGENT*[TW] OR NON-STEROIDAL ANTIRHEUMATIC AGENT*[TW]) OR ("ANTI-INFLAMMATORY AGENTS, NON-STEROIDAL"[PHARMACOLOGICAL ACTION]) OR ("ANTI-INFLAMMATORY AGENTS, NON-STEROIDAL"[MESH] OR NSAID*[TW])) OR (A 771726[TW] OR ACECLOFENAC[TW] OR ACEMETACIN[TW] OR ACETOSYRINGONE[TW] OR ACETOVANILLONE[TW] OR ACETYLSALICYLIC ACID LYSINATE[TW] OR ADAPALENE[TW] OR ALCLOFENAC[TW] OR ALMINOPROFEN[TW] OR AMIPRILOSE[TW] OR AMPYRONE[TW] OR ANDROGRAPHOLIDE[TW] OR ANISODAMINE[TW] OR ANISODINE[TW] OR ANTIFLAMMIN P2[TW] OR ANTIPYRINE[TW] OR APAZONE[TW] OR APREMILAST[TW] OR ARTEPARON[TW] OR ARTHROTEC[TW] OR ASPIRIN[TW] OR ATRINOSITOL[TW] OR AZULENE[TW] OR BAICALIN[TW] OR BALSALAZIDE[TW] OR BENDAZAC[TW] OR BENORILATE[TW] OR BENOXAPROFEN[TW] OR BENZOBARBITAL[TW] OR BERBAMINE[TW] OR BETULINIC ACID[TW] OR BEVONIUM[TW] OR BIPHENYLYLACETIC ACID[TW] OR BOLDINE[TW] OR BREDININ[TW] OR BROMFENAC[TW] OR BUCILLAMINE[TW] OR BUFEXAMAC[TW] OR BUMADIZONE[TW] OR BUTIBUFEN[TW] OR CARBASPIRIN CALCIUM[TW] OR CARBON FIBER[TW] OR CARPROFEN[TW] OR CARYOPHYLLENE[TW] OR CASTANOSPERMINE[TW] OR CDP 571[TW] OR CELECOXIB[TW] OR CEPHARANTHINE[TW] OR CHLOROQUINE DIPHOSPHATE[TW] OR CHOLINE MAGNESIUM TRISALICYLATE[TW] OR CHRYSAROBIN[TW] OR CLONIXIN[TW] OR CP 96345[TW] OR CURCUMIN[TW] OR DAURICINE[TW] OR DEXKETOPROFEN TROMETAMOL[TW] OR DICLOFENAC[TW] OR DICLOFENAC HYDROXYETHYLPYRROLIDINE[TW] OR DIFENPIRAMIDE[TW] OR DIFLUNISAL[TW] OR DIMEPHOSPHON[TW] OR DIPYRONE[TW] OR DIUCIFON[TW] OR DROXICAM[TW] OR DUP 697[TW] OR EBSELEN[TW] OR EFAMOL[TW] OR ELTENAC[TW] OR ENFENAMIC ACID[TW] OR EPIRIZOLE[TW] OR ETANERCEPT[TW] OR ETHENZAMIDE[TW] OR ETHONIUM[TW] OR ETODOLAC[TW] OR ETOFENAMATE[TW] OR ETORICOXIB[TW] OR FENAMIC ACID[TW] OR FENBUFEN[TW] OR FENCLOFENAC[TW] OR FENFLUMIZOLE[TW] OR FENOPROFEN[TW] OR FENTIAZAC[TW] OR FEPRADINOL[TW] OR FEPRAZONE[TW] OR FERULIC ACID[TW] OR FLOCTAFENINE[TW] OR FLOSULIDE[TW] OR FLUNIXIN[TW] OR FLUNIXIN MEGLUMINE[TW] OR FLUNOXAPROFEN[TW] OR FLUPROQUAZONE[TW] OR FLURBIPROFEN[TW] OR FLURBIPROFEN AXETIL[TW] OR FR 167653[TW] OR FR 173657[TW] OR GLUCAMETACIN[TW] OR GUACETISAL[TW] OR HELENALIN[TW] OR HELIODERMIN[TW] OR HEMODES[TW] OR HIGENAMINE[TW] OR IBUPROFEN[TW] OR IBUPROXAM[TW] OR ICATIBANT[TW] OR IH 764-3[TW] OR IMIDAZOLE-2-HYDROXYBENZOATE[TW] OR INDOBUFEN[TW] OR INDOMETHACIN[TW] OR INDOPROFEN[TW] OR IODOANTIPYRINE[TW] OR ISOXICAM[TW] OR KEBUZONE[TW] OR KETOPROFEN[TW] OR KETOPROFEN LYSINE[TW] OR

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PLEON[TW] OR PLEON[TW] OR SULFASALAZIN HEYL[TW] OR UCINE[TW] OR
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MEDAC[TW])) OR (((SULFASALAZINE[TW]) OR (SULPHASALAZINE[TW] OR
SALAZOSULFAPYRIDINE[TW] OR SALICYLAZOSULFAPYRIDINE[TW] OR COLO-
PLEON[TW] OR PLEON[TW] OR SULFASALAZIN HEYL[TW] OR UCINE[TW] OR
AZULFIDINE[TW] OR PYRALIN EN[TW] OR SALAZOPYRIN[TW] OR SULFASALAZIN
MEDAC[TW])) OR (("METHOTREXATE"[MESH] OR METHOTREXATE*[TW] OR

AMETHOPTERIN*[TW] OR MEXATE[TW] OR (METHYLPTEROYLGLUTAMIC ACID[TW] OR A METHOPTERINE[TW] OR AMETOPTERINE*[TW] OR CL 14377[TW] OR EMTHEXAT[TW] OR EMTREXATE[TW] OR FOLEX[TW] OR INTRADOSE MTX[TW] OR LEDERTREXATE[TW] OR METEX[TW] OR METHROTREXATE[TW] OR METHYLAMINOPTERIN[TW] OR METOJECT[TW] OR METOTHREXATE[TW] OR METOTHREXATE SODIUM[TW] OR METOTREXAT[TW] OR METOTREXATE[TW] OR METREX[TW] OR MPI 5004[TW] OR MTX[TW] OR NEOTREXATE[TW] OR NSC 740[TW] OR OTREXUP[TW] OR RHEUMATREX[TW] OR TEXATE[TW] OR TREXALL[TW])) OR ("HYDROXYCHLOROQUINE"[MESH] OR OXYCHLOROCHIN*[TW] OR HYDROXYCHLOROCHIN*[TW] OR PLAQUENIL[TW] OR OXYCHLOROQUINE[TW])) OR (MTX*[TW] AND SSZ*[TW] AND HCQ*[TW])) OR (MONOCLONAL ANTIBODY D2E7[TW] OR "ADALIMUMAB"[MESH] OR ADALIMUMAB[TW] OR D2E7 ANTIBODY[TW] OR HUMIRA[TW]) OR ((BENEPALI[TW] OR RECOMBINANT TUMOR NECROSIS FACTOR RECEPTOR FC FUSION PROTEIN[TW] OR RECOMBINANT TUMOUR NECROSIS FACTOR RECEPTOR FC FUSION PROTEIN[TW] OR TUMOR NECROSIS FACTOR RECEPTOR FC FUSION PROTEIN[TW] OR TUMOUR NECROSIS FACTOR RECEPTOR FC FUSION PROTEIN) OR ("ETANERCEPT"[MESH] OR ETANERCEPT[TW] OR TNF RECEPTOR TYPE II-IGG FUSION PROTEIN[TW] OR TNF RECEPTOR TYPE II IGG FUSION PROTEIN[TW] OR ENBREL[TW] OR TNFR-FC FUSION PROTEIN[TW] OR TNFR FC FUSION PROTEIN[TW] OR TNR-001[TW] OR TNR 001[TW])) OR ((FLIXABI[TW]) OR ("INFLIXIMAB"[MESH] OR INFLIXIMAB[TW] OR MAB CA2[TW] OR MONOCLONAL ANTIBODY CA2 OR REMICADE[TW])) OR ("GOLIMUMAB"[SUPPLEMENTARY CONCEPT] OR GOLIMUMAB[TW] OR SIMPONI[TW] OR CNTO 148[TW] OR CNTO148[TW]) OR ("CERTOLIZUMAB PEGOL"[MESH] OR CERTOLIZUMAB PEGOL*[TW] OR CDP870[TW] OR CDP 870[TW]) OR ("ABATACEPT"[MESH] OR ABATACEPT[TW] OR BMS-224818[TW] OR BMS 224818[TW] OR LEA29Y[TW] OR NULOJIX[TW] OR ORENCIA[TW] OR BMS 188667[TW] OR BMS-188667[TW] OR CTLA-4-LG[TW] OR CTLA4-LG[TW] OR CTLA4-FC[TW] OR CYTOTOXIC T LYMPHOCYTE-ASSOCIATED ANTIGEN 4-IMMUNOGLOBULIN[TW] OR CYTOTOXIC T LYMPHOCYTE ASSOCIATED ANTIGEN 4 IMMUNOGLOBULIN[TW]) OR ((R 1569[TW] OR ROACTEMRA[TW]) OR ("TOCILIZUMAB"[SUPPLEMENTARY CONCEPT] OR TOCILIZUMAB[TW] OR ATLIZUMAB[TW] OR ACTEMRA[TW])) OR ("RITUXIMAB"[MESH] OR RITUXIMAB[TW] OR MABTHERA[TW] OR IDEC-C2B8[TW] OR IDEC C2B8[TW] OR GP2013[TW] OR RITUXAN[TW] OR REDITUX[TW] OR RITUXIN[TW]) OR (((TRIAMCINOLONE[TW] OR (ADRENAL CORTEX HORMONE*[TW] OR ADRENAL CORTICAL HORMONE*[TW] OR ADRENAL CORTICAL STEROID*[TW] OR ADRENAL STEROID*[TW] OR ADRENAL STEROID HORMONE*[TW] OR ADRENO CORTICAL STEROID*[TW] OR ADRENO CORTICOSTEROID*[TW] OR ADRENOCORTICAL HORMONE*[TW] OR ADRENOCORTICAL STEROID*[TW] OR ADRENOCORTICOSTEROID*[TW] OR CORTICAL STEROID*[TW] OR CORTICO STEROID*[TW] OR ((ADRENOCORTICOID*[TW]) OR (DEHYDROCORTISONE[TW] OR DELTA-CORTISONE[TW] OR RECTODELT[TW] OR ULTRACORTEN[TW] OR CORTANCYL[TW] OR DECORTIN[TW] OR DACORTIN[TW] OR DELTASONE[TW] OR ENCORTONE[TW] OR ENCORTON[TW] OR LIQUID PRED[TW] OR

METICORTEN[TW] OR PANASOL[TW] OR PREDNI TABLINEN[TW] OR PRONISONE[TW]) OR ("PREDNISONE"[MESH] OR PREDNISON*[TW] OR PREDNISOLONE*[TW]) OR ("GLUCOCORTICOID"[PHARMACOLOGICAL ACTION] OR ("GLUCOCORTICOID"[MESH] OR GLUCOCORTICOID*[TW]) OR ("ADRENAL CORTEX HORMONES"[MESH:NOEXP] OR CORTICOSTEROID*[TW] OR CORTICOID*[TW])))) OR (ALCLOMETASONE DIPROPIONATE[TW] OR AMCINONIDE[TW] OR BECLOMETHASONE[TW] OR BETAMETHASONE[TW] OR BETAMETHASONE ACETATE[TW] OR BETAMETHASONE BENZOATE[TW] OR BETAMETHASONE SODIUM PHOSPHATE[TW] OR BETAMETHASONE VALERATE[TW] OR BUDESONIDE[TW] OR CICLESONIDE[TW] OR CLOBETASOL[TW] OR CLOBETASONE BUTYRATE[TW] OR CLOCORTOLONE[TW] OR DESOXIMETASONE[TW] OR DEXAMETHASONE[TW] OR DICHLORISONE ACETATE[TW] OR DIFLORASONE[TW] OR DIFLUCORTOLONE[TW] OR DIFLUPREDNATE[TW] OR DROCINONIDE PHOSPHATE POTASSIUM[TW] OR FLUMETHASONE[TW] OR FLUOCINOLONE ACETONIDE[TW] OR FLUOCINONIDE[TW] OR FLUOCORTIN BUTYL ESTER[TW] OR FLUOCORTOLONE[TW] OR FLUOROMETHOLONE[TW] OR FLUPEROLONE ACETATE[TW] OR FLUPREDNIDENE ACETATE[TW] OR FLUPREDNISOLONE[TW] OR FLURANDRENOLONE[TW] OR MEDRYSONE[TW] OR MELENGESTROL ACETATE[TW] OR METHYLPREDNISOLONE[TW] OR PARAMETHASONE[TW] OR PREDNICARBATE[TW] OR RIMEXOLONE[TW])) OR ("HYDROXYCORTICOSTEROIDS"[MESH] OR HYDROXYCORTICOSTEROID*[TW])) OR (("TRIAMCINOLONE HEXACETONIDE"[SUPPLEMENTARY CONCEPT] OR "TRIAMCINOLONE ACETONIDE"[MESH] OR TRICORT-40[TW] OR TRICORT 40[TW] OR KENALOG[TW] OR AZMACORT[TW] OR KENACORT A[TW]) OR (((INJECTIONS[MESH:NOEXP] OR INJECTIONS, INTRA-ARTICULAR[MESH] OR INJECT*[TW]) AND (GLUCOCORTICOID*[TW] OR GLUCOCORTICOID[PHARMACOLOGICAL ACTION] OR ADRENAL CORTEX HORMONES[MH:NOEXP] OR CORTICOSTEROID*[TW] OR CORTICOID*[TW] OR STEROID*[TW])) OR ("GLUCOCORTICOID/ADMINISTRATION AND DOSAGE"[MESH] AND (LOCAL[TW] OR LOCALLY*[TW])) OR (LOCAL STEROID*[TW] OR LOCAL CORTICOSTEROID*[TW] OR LOCAL GLUCOCORTICOID*[TW])))) OR (("BIOLOGICAL THERAPY"[MESH:NOEXP] OR BIOLOGICAL THERAP*[TW]) OR ("BIOLOGICAL PRODUCTS"[MESH:NOEXP] OR BIOLOGICAL PRODUCT*[TW] OR BIOLOGICS[TW]) OR (((((MEDI 0562[TW] OR MEDI 562[TW]) OR (ABT 122[TW] OR (FLIXABI[TW] OR ("INFLIXIMAB"[MESH] OR INFLIXIMAB[TW] OR MAB CA2[TW] OR MONOCLONAL ANTIBODY CA2[TW] OR REMICADE[TW]) OR (ERELZI[TW] OR ETANERCEPT-SZZS[TW]) OR ("ETANERCEPT"[MESH] OR ETANERCEPT[TW] OR ENBREL[TW] OR TNR-001[TW] OR TNR 001[TW]) OR ("DENOSUMAB"[MESH] OR DENOSUMAB[TW] OR PROLIA[TW] OR XGEVA[TW] OR AMG 162[TW]) OR (ABP 501[TW]) OR ("ADALIMUMAB"[MESH] OR ADALIMUMAB[TW] OR D2E7 ANTIBOD*[TW] OR HUMIRA[TW]) OR (ANTI TUMOR NECROSIS FACTOR AGENT*[TW] OR ANTI TUMOUR NECROSIS FACTOR AGENT*[TW] OR TNF ALPHA INHIBITOR*[TW] OR TNF INHIBITOR*[TW] OR TUMOUR NECROSIS FACTOR ALPHA INHIBITOR*[TW] OR TUMOUR NECROSIS FACTOR INHIBITOR*[TW]) OR (ANTI-TNF ALPHA

AGENT*[TW] OR ANTI TNF ALPHA AGENT*[TW]) OR (ANTI TNF AGENT*[TW] OR ANTI-TNF AGENT*[TW]) OR ("TUMOR NECROSIS FACTOR-ALPHA/ANTAGONISTS AND INHIBITORS"[MESH] OR TUMOR NECROSIS FACTOR INHIBITOR*[TW] OR TUMOR NECROSIS FACTOR ALPHA INHIBITOR*[TW] OR TNF-ALPHA INHIBITOR*[TW] OR CACHECTIN INHIBITOR*[TW])) OR ("GOLIMUMAB"[SUPPLEMENTARY CONCEPT] OR GOLIMUMAB[TW])) OR (CERTOLIZUMAB PEGOL*[TW] OR CIMZIA*[TW] OR CDP870[TW] OR CDP 870[TW])) OR (TNF BLOCKER*[TW] OR TNF ALPHA BLOCKER*[TW] OR TUMOR NECROSIS FACTOR ALPHA BLOCKER*[TW] OR TUMOUR NECROSIS FACTOR ALPHA BLOCKER*[TW] OR TUMOR NECROSIS FACTOR BLOCKER*[TW] OR TUMOUR NECROSIS FACTOR BLOCKER*[TW])) OR ((COMBINATION DRUG THERAP*[TW] OR DRUG POLYTHERAP*[TW]) OR ("DRUG THERAPY, COMBINATION"[MESH:NOEXP] OR (TRIPLE-DRUG THERAP*[TW] OR TRIPLE DRUG THERAP*[TW])))

Syntax Guide for Embase	
/exp	Explode. Includes Embase subject headings and the narrower terms in the hierarchy.
ti,ab	Includes words in the title or abstracts
de	Includes words in Embase subject headings
Boolean Operators	
OR = retrieves results that include at least one of the search terms	AND = retrieves results that include all the search terms
NOT = excludes the retrieval of terms from the search	

EMBASE SEARCH STRATEGY - 10/13/17

No. Query

#15 #10 AND #14

#14 #11 OR #12 OR #13

#13 'tumor necrosis factor inhibitor'/exp OR 'tumor necrosis factor inhibitor':ti,ab OR 'tumour necrosis factor inhibitor':ti,ab OR tnfi:ti,ab OR 'anti-tnf':ti,ab OR 'tnf-alpha inhibitor':ti,ab OR 'biological therapy'/de

#12 ('injection'/exp OR injection:ti,ab) AND (glucocorticoid*:ti,ab,de OR corticosteroid*:ti,ab,de OR steroid*:ti,ab,de)

'physiotherapy'/de OR 'home physiotherapy'/exp OR 'joint mobilization'/exp OR 'pediatric physiotherapy'/exp OR 'occupational therapy'/exp OR 'occupational therapy':ti,ab OR 'pt/ot':ti,ab OR ergotherap*:ti,ab OR 'nonsteroid antiinflammatory agent'/exp OR nsaid*:ti,ab OR 'nonsteroid antiinflammatory':ti,ab OR 'nonsteroidal antiinflammatory':ti,ab OR 'antirheumatic agent'/exp OR dmard*:ti,ab OR 'antirheumatic agent':ti,ab OR 'antirheumatic drug':ti,ab OR 'antirheumatic disease modifying':ti,ab OR 'anti-rheumatic agent':ti,ab OR 'anti-rheumatic drug':ti,ab OR 'leflunomide'/exp OR leflunomide*:ti,ab OR 'methotrexate'/exp OR methotrexate*:ti,ab

No. Query

OR rheumatex:ti,ab OR 'salazosulfapyridine'/exp OR salazosulfapyridine:ti,ab OR sulfasalazine:ti,ab
 OR 'mtx/ssz/hcq':ti,ab OR 'combination drug therapy'/de OR 'triple drug therapy':ti,ab OR 'triple dmard':ti,ab
 OR 'triple disease modifying antirheumatic':ti,ab OR 'adalimumab'/exp OR adalimumab:ti,ab OR 'etanercept'/exp
 OR etanercept:ti,ab OR 'infliximab'/exp OR infliximab:ti,ab OR 'golimumab'/exp OR golimumab:ti,ab
 OR 'certolizumab pegol'/exp OR certolizumab:ti,ab OR 'abatacept'/exp OR abatacept:ti,ab OR 'tocilizumab'/exp
 OR tocilizumab:ti,ab OR 'rituximab'/exp OR rituximab:ti,ab OR glucocorticoid*:ti,ab OR 'corticosteroid'/exp
 OR corticosteroid*:ti,ab OR steroid*:ti,ab OR prednisone*:ti,ab OR corticoid*:ti,ab OR 'triamcinolone hexacetonide'/exp
 OR 'triamcinolone hexacetonide':ti,ab OR 'triamcinolone acetone'/exp OR 'triamcinolone acetone':ti,ab
 OR 'intraarticular drug administration'/exp OR 'intraarticular injection':ti,ab OR 'intra articular injection':ti,ab
 OR 'joint injection':ti,ab OR 'joint injections':ti,ab

#10 #8 NOT #9

#9 'adult'/exp NOT ('adult'/exp AND 'juvenile'/exp)

#8 #6 NOT #7

#7 'animal'/exp NOT ('animal'/exp AND 'human'/exp)

#6 #3 AND [embase]/lim NOT ([embase]/lim AND [medline]/lim) AND ('article'/it OR 'article in press'/it
 OR 'conference paper'/it OR 'review'/it) AND [english]/lim

#5 #3 AND [embase]/lim NOT ([embase]/lim AND [medline]/lim) AND ('article'/it OR 'article in press'/it
 OR 'conference paper'/it OR 'review'/it)

#4 #3 AND [embase]/lim NOT ([embase]/lim AND [medline]/lim)

#3 #1 OR #2

#2 ('juvenile rheumatoid arthritis'/exp OR arthrit*:ti,ab) AND (polyarticular:ti,ab OR 'poly articular*':ti,ab
 OR 'poly articular':ti,ab)

#1 'polyarthritis'/exp OR polyarthriti*:ti,ab OR polyarthropath*:ti,ab OR polyarthros*:ti,ab OR polyarthritide*:ti,ab

Syntax Guide for Cochrane Library	
[MeSH] = Medical Subject Heading	[Text Word] = Includes all words and numbers in the title, abstract, other abstract, MeSH terms, MeSH Subheadings, Publication Types, Substance Names, Personal Name as Subject, Corporate Author, Secondary Source, Comment/Correction Notes, and Other Terms - typically non-MeSH subject terms (keywords)...assigned by an organization other than NLM
[MeSH subheading] = a Medical Subject Heading subheading, e.g. drug therapy	[ti, ab, kw] = Includes words in the title or abstracts or keywords
mh:noexp or MeSH:noexp= a command to retrieve the results of the Medical Subject Heading specified, but not narrower Medical	

Subject Heading terms	
Boolean Operators	
OR = retrieves results that include at least one of the search terms	AND = retrieves results that include all the search terms
NOT = excludes the retrieval of terms from the search	

COCHRANE LIBRARY SEARCH STRATEGY 10/13/17

- ID Search
- #1 MeSH descriptor: [Arthritis, Juvenile] explode all trees
- #2 (P-JIA or PJIA or POLYARTHRITI* or POLYARTHROPATH* or POLYARTHROS* or POLYARTHRITIDES or POLYJIA or POLY-JIA or POLY JIA):ti,ab,kw (Word variations have been searched)
- #3 (arthrit* or JIA):ti,ab,kw (Word variations have been searched)
- #4 (ACR PEDI or PEDI CRITERIA or PEDIATRIC CRITERIA or PEDI 30 or PEDI 20 or PEDI 40 or PEDI 100 or PEDI 50 or PEDI 90 or POLYARTICULAR* or POLY-ARTICULAR* or POLY ARTICULAR*):ti,ab,kw (Word variations have been searched)
- #5 (#1 or #3) and #4
- #6 #5 or #2 in Trials
- #7 (CHILD* or PEDIATRIC* or PAEDIATRIC* or TEEN* or ADOLESCEN* or JUVENIL* or INFAN* or NEWBORN* or BABY or BABIES or NEONAT* or SCHOOLCHILD* or SCHOOL CHILD* or PRESCHOOL* or SCHOOL AGE* or TODDLER* or GIRL* or BOY* or HIGH SCHOOL* or KINDERGARTEN* or ELEMENTARY SCHOOL* or PRIMARY SCHOOL* or SECONDARY SCHOOL*):ti,ab,kw (Word variations have been searched)
- #8 #7 and #6

JIA – POLYARTHRITIS: HUMAN ANTI-CHIMERIC ANTIBODIES (HACAS)

PubMed, Embase, Cochrane Library

Syntax Guide for PubMed	
[MeSH] = Medical Subject Heading	[Text Word] = Includes all words and numbers in the title, abstract, other abstract, MeSH terms, MeSH Subheadings, Publication Types, Substance Names, Personal Name as Subject, Corporate Author, Secondary Source, Comment/Correction Notes, and Other Terms - typically non-MeSH subject terms (keywords)...assigned by an organization other than NLM
[MeSH subheading] = a Medical Subject Heading subheading, e.g. drug therapy	[Title/Abstract] = Includes words in the title and abstracts
mh:noexp = a command to retrieve the results of the Medical Subject Heading specified, but not narrower Medical Subject Heading terms	
Boolean Operators	
OR = retrieves results that include at least one of the search terms	AND = retrieves results that include all the search terms
NOT = excludes the retrieval of terms from the search	

HACAS - PUBMED STRATEGY 9/26/17

((("ADALIMUMAB"[MESH] OR ADALIMUMAB[TIAB] OR D2E7 ANTIBOD*[TIAB] OR HUMIRA[TIAB]) OR ("GOLIMUMAB"[SUPPLEMENTARY CONCEPT] OR GOLIMUMAB[TW] OR SIMPONI[TW] OR CNTO 148[TW] OR CNTO148[TW]) OR ((FLIXABI[TW]) OR ("INFLIXIMAB"[MESH] OR INFLIXIMAB[TW] OR MAB CA2[TW] OR MONOCLONAL ANTIBODY CA2 OR REMICADE[TW])) OR ((R 1569[TW] OR ROACTEMRA[TW]) OR ("TOCILIZUMAB"[SUPPLEMENTARY CONCEPT] OR TOCILIZUMAB[TW] OR ATLIZUMAB[TW] OR ACTEMRA[TW])) OR ((BENEPALI[TW] OR RECOMBINANT TUMOR NECROSIS FACTOR RECEPTOR FC FUSION PROTEIN[TW] OR RECOMBINANT TUMOUR NECROSIS FACTOR RECEPTOR FC FUSION PROTEIN[TW] OR TUMOR NECROSIS FACTOR RECEPTOR FC FUSION PROTEIN[TW] OR TUMOUR NECROSIS FACTOR RECEPTOR FC FUSION PROTEIN) OR ("ETANERCEPT"[MESH] OR ETANERCEPT[TW] OR TNF RECEPTOR TYPE II-IGG FUSION PROTEIN[TW] OR TNF RECEPTOR TYPE II IGG FUSION PROTEIN[TW] OR ENBREL[TW] OR TNFR-FC FUSION PROTEIN[TW] OR TNFR FC FUSION PROTEIN[TW] OR TNR-001[TW] OR TNR 001[TW])) OR ("ABATACEPT"[MESH] OR ABATACEPT[TW] OR BMS-224818[TW] OR BMS 224818[TW] OR LEA29Y[TW] OR NULOJIX[TW] OR ORENCIA[TW] OR BMS 188667[TW] OR BMS-188667[TW] OR CTLA-4-LG[TW] OR CTLA4-LG[TW] OR

CTLA4-FC[TW] OR CYTOTOXIC T LYMPHOCYTE-ASSOCIATED ANTIGEN 4-
IMMUNOGLOBULIN[TW] OR CYTOTOXIC T LYMPHOCYTE ASSOCIATED ANTIGEN
4 IMMUNOGLOBULIN[TW])) AND (((("ANTIRHEUMATIC
AGENTS"[PHARMACOLOGICAL ACTION]) OR ("ANTIRHEUMATIC
AGENTS"[MESH:NOEXP] OR ANTIRHEUMATIC DRUG*[TW] OR ANTI-RHEUMATIC
AGENT*[TW] OR ANTI RHEUMATIC AGENT*[TW] OR ANTI-RHEUMATIC
DRUG*[TW] OR ANTI RHEUMATIC DRUG*[TW] OR DMARD*[TW] OR
ANTIRHEUMATIC DISEASE-MODIFYING SECOND-LINE DRUG*[TW] OR
ANTIRHEUMATIC DISEASE MODIFYING SECOND LINE DRUG*[TW] OR DISEASE-
MODIFYING ANTIRHEUMATIC DRUG*[TW] OR DISEASE MODIFYING
ANTIRHEUMATIC DRUG*[TW])) OR (A 771726[TW] OR ACECLOFENAC[TW] OR
ACEMETACIN[TW] OR ACETOSYRINGONE[TW] OR ACETOVANILLONE[TW] OR
ACETYLSALICYLIC ACID LYSINATE[TW] OR ADAPALENE[TW] OR
ALCLOFENAC[TW] OR ALLOPURINOL[TW] OR ALMINOPROFEN[TW] OR
AMIPRILOSE[TW] OR ANDROGRAPHOLIDE[TW] OR ANISODAMINE[TW] OR
ANISODINE[TW] OR ANTIFLAMMIN P2[TW] OR ANTIPYRINE[TW] OR
APAZONE[TW] OR APREMILAST[TW] OR ARTEPARON[TW] OR ARTHROTEC[TW]
OR ASPIRIN[TW] OR ATRINOSITOL[TW] OR AURANOFIN[TW] OR
AUROTHIOGLUCOSE[TW] OR AUROTIOPROL[TW] OR AZATHIOPRINE[TW] OR
AZULENE[TW] OR BAICALIN[TW] OR BALSALAZIDE[TW] OR BENDAZAC[TW] OR
BENORILATE[TW] OR BENOXAPROFEN[TW] OR BENZBROMARONE[TW] OR
BENZIODARONE[TW] OR BENZOBARBITAL[TW] OR BERBAMINE[TW] OR
BETULINIC ACID[TW] OR BEVONIUM[TW] OR BIPHENYLYLACETIC ACID[TW] OR
BOLDINE[TW] OR BORAGE OIL[TW] OR BOSWELLIC ACID[TW] OR BREDININ[TW]
OR BROMFENAC[TW] OR BUCILLAMINE[TW] OR BUFEXAMAC[TW] OR
BUMADIZONE[TW] OR BUTIBUFEN[TW] OR CARBASPIRIN CALCIUM[TW] OR
CARBON FIBER[TW] OR CARPROFEN[TW] OR CARYOPHYLLENE[TW] OR
CASTANOSPERMINE[TW] OR CDP 571[TW] OR CELECOXIB[TW] OR
CEPHARANTHINE[TW] OR CHLOROQUINE[TW] OR CHOLINE MAGNESIUM
TRISALICYLATE[TW] OR CHRYSAROBIN[TW] OR CLONIXIN[TW] OR
COLCHICINE[TW] OR CP 96345[TW] OR CURCUMIN[TW] OR
CYCLOPHOSPHAMIDE[TW] OR CYCLOSPORINE[TW] OR DAURICINE[TW] OR
DEXKETOPROFEN TROMETAMOL[TW] OR DICLOFENAC[TW] OR DICLOFENAC
HYDROXYETHYLPYRROLIDINE[TW] OR DIFENPIRAMIDE[TW] OR
DIFLUNISAL[TW] OR DIMEPHOSPHON[TW] OR DIPYRONE[TW] OR DIUCIFON[TW]
OR DROXICAM[TW] OR DUP 697[TW] OR EBSELEN[TW] OR EFAMOL[TW] OR
ELTENAC[TW] OR ENFENAMIC ACID[TW] OR EPIRIZOLE[TW] OR
ETHENZAMIDE[TW] OR ETHONIUM[TW] OR ETODOLAC[TW] OR
ETOFENAMATE[TW] OR ETORICOXIB[TW] OR FEBUXOSTAT[TW] OR FENAMIC
ACID[TW] OR FENBUFEN[TW] OR FENCLOFENAC[TW] OR FENFLUMIZOLE[TW]
OR FENOPROFEN[TW] OR FENTIAZAC[TW] OR FEPRADINOL[TW] OR
FEPRAZONE[TW] OR FERULIC ACID[TW] OR FLOCTAFENINE[TW] OR
FLOSULIDE[TW] OR FLUNIXIN[TW] OR FLUNOXAPROFEN[TW] OR
FLUPROQUAZONE[TW] OR FLURBIPROFEN[TW] OR FR 167653[TW] OR FR
173657[TW] OR GLATIRAMER ACETATE[TW] OR GLUCAMETACIN[TW] OR GOLD
SODIUM THIOMALATE[TW] OR GOLD SODIUM THIOSULFATE[TW] OR

GUACETISAL[TW] OR HALOFENATE[TW] OR HELENALIN[TW] OR HELIODERMIN[TW] OR HEMODES[TW] OR HIGENAMINE[TW] OR HYDROXYCHLOROQUINE[TW] OR IBUPROFEN[TW] OR IBUPROXAM[TW] OR ICATIBANT[TW] OR IH 764-3[TW] OR IMIDAZOLE-2-HYDROXYBENZOATE[TW] OR INDACRINONE[TW] OR INDOBUFEN[TW] OR INDOMETHACIN[TW] OR INDOPROFEN[TW] OR INTERLEUKIN 1 RECEPTOR ANTAGONIST PROTEIN[TW] OR INTERLEUKIN-4[TW] OR IODOANTIPYRINE[TW] OR ISOXICAM[TW] OR KEBUZONE[TW] OR KETOPROFEN[TW] OR KETOROLAC[TW] OR L 745337[TW] OR L 778736[TW] OR LESINURAD[TW] OR LEVAMISOLE[TW] OR LIPOXIN A4[TW] OR LIPOXIN B4[TW] OR LISOFYLLINE[TW] OR LOBENZARIT[TW] OR LONAZOLAC[TW] OR LORNOXICAM[TW] OR LOXOPROFEN[TW] OR LUMIRACOXIB[TW] OR MAGNESIUM SALICYLATE[TW] OR MAGNOLOL[TW] OR MANOALIDE[TW] OR MASOPROCOL[TW] OR MECLOFENAMIC ACID[TW] OR MEFENAMIC ACID[TW] OR MELOXICAM[TW] OR MESALAMINE[TW] OR METHYL SALICYLATE[TW] OR MK 473[TW] OR MOFEBUTAZONE[TW] OR MOFEZOLAC[TW] OR NABUMETONE[TW] OR NAFAMOSTAT[TW] OR NAPROXEN[TW] OR NEBACETIN[TW] OR NEPAFENAC[TW] OR NIFENAZONE[TW] OR NIFLUMIC ACID[TW] OR NIMESULIDE[TW] OR NITROASPIRIN[TW] OR OLOPATADINE HYDROCHLORIDE[TW] OR OLSALAZINE[TW] OR OLVANIL[TW] OR ORGOTEIN[TW] OR OXAPROZIN[TW] OR OXYPHENBUTAZONE[TW] OR PALMIDROL[TW] OR PARECOXIB[TW] OR PARTHENOLIDE[TW] OR PENICILLAMINE[TW] OR PEONIFLORIN[TW] OR PHENIDONE[TW] OR PHENYLBUTAZONE[TW] OR PIMECROLIMUS[TW] OR PIRFENIDONE[TW] OR PIROXICAM[TW] OR PIROXICAM-BETA-CYCLODEXTRIN[TW] OR PIRPROFEN[TW] OR PROBENECID[TW] OR PROGLUMETACIN[TW] OR PROPACETAMOL[TW] OR PROPIONYL CARNITINE[TW] OR PROPYPHENAZONE[TW] OR PROQUAZONE[TW] OR PROSPIDIUM[TW] OR PYRANOPROFEN[TW] OR PYRAZOLONE[TW] OR PYROGENAL[TW] OR RASBURICASE[TW] OR RESVERATROL[TW] OR RIFAMYCIN SV[TW] OR ROFECOXIB[TW] OR ROSMARINIC ACID[TW] OR RUMALON[TW] OR SAIKOSAPONIN[TW] OR SALICIN[TW] OR SALICYLAMIDE[TW] OR SALICYLATES[TW] OR SALICYLSALICYLIC ACID[TW] OR SB 203580[TW] OR SC 299[TW] OR SC 41930[TW] OR SC 560[TW] OR SEMAPIMOD[TW] OR SERATRODAST[TW] OR SERRATIOPEPTIDASE[TW] OR SHIKONIN[TW] OR SINAPALDEHYDE[TW] OR SINOMENINE[TW] OR SODIUM SALICYLATE[TW] OR ST 679[TW] OR SULFINPYRAZONE[TW] OR SULINDAC[TW] OR SULINDAC SULFIDE[TW] OR SULINDAC SULFONE[TW] OR SUPROFEN[TW] OR SUXIBUZONE[TW] OR TANSHINONE[TW] OR TAXIFOLIN[TW] OR TENIDAP[TW] OR TENOXICAM[TW] OR TEPOXALIN[TW] OR TIAPROFENIC ACID[TW] OR TIARAMIDE[TW] OR TICRYNAFEN[TW] OR TINORIDINE[TW] OR TISOPURINE[TW] OR TOLFENAMIC ACID[TW] OR TOLMETIN[TW] OR TRANILAST[TW] OR TRAXANOX[TW] OR TRIBENOSIDE[TW] OR URSOLIC ACID[TW] OR VALDECOXIB[TW] OR ZILEUTON[TW] OR ZOMEPIRAC[TW] OR ZOXAZOLAMINE[TW])) AND (("ANTIBODIES, ANTI-IDIOTYPIC"[MESH] OR ANTI-IDIOTYPIC ANTIBODIES OR ANTI-IDIOTYPE ANTIBODIES OR ANTI IDIOTYPE ANTIBODIES OR ANTI-ANTIBODIES OR ANTIGLOBULINS OR ANTIGAMMA GLOBULIN ANTIBODIES OR ANTI ANTIBODIES OR ANTI-GAMMA GLOBULIN

ANTIBODIES OR ANTI GAMMA GLOBULIN ANTIBODIES OR INTERNAL IMAGE ANTIBODIES) OR (((ANTI-DRUG ANTIBOD*[TW] OR ANTIDRUG ANTIBOD*[TW]) OR ((CHIMERIC[TW] AND ANTIBOD*[TW]) OR (ANTI-ANTIBOD*[TW] OR ANTIANTIBOD*[TW]) OR ((ANTI-ETANERCEPT[TW] OR ANTIETANERCEPT[TW] OR ANTIADALIMUMAB[TW] OR ANTIINFLIXIMAB[TW] OR ANTI-GOLIMUMAB[TW] OR ANTI-ABATACEPT[TW] OR ANTI-TOCILIZUMAB[TW] OR ANTITOCILIZUMAB[TW]) OR (ANTI-ADALIMUMAB[TW]) OR (ANTI-INFLIXIMAB) OR (ANTICHIMERIC[TW]) OR (HACA[TW] OR HACAS[TW]) OR (IMMUNOGENICIT*[TW])) OR (ANTI-CHIMERIC[TW])))) OR ("LOSS OF RESPONSE"[TIAB])) AND (((((P-JIA[TW] OR PJIA[TW] OR POLYARTHRITI*[TW] OR POLYARTHROPATH*[TW] OR POLYARTHROS*[TW] OR POLYARTHRIDES[TW] OR POLYJIA[TW] OR POLY-JIA[TW] OR POLY JIA[TW]) OR (("ARTHRITIS, JUVENILE"[MESH] OR ARTHRITI*[TW] OR JIA[TW]) AND (POLYARTICULAR*[TW] OR POLY-ARTICULAR*[TW] OR POLY ARTICULAR*[TW])) OR (ARTHRITI*[TW] AND ("NUMBER OF JOINTS"[TW] OR MORE THAN FIVE JOINT*[TW] OR MULTI-JOINT*[TW] OR MULTIJOINT*[TW])) OR ("NEGATIVE RHEUMATOID FACTOR POLYARTHRITIS"[SUPPLEMENTARY CONCEPT]) OR (ARTHRITI*[TW] AND (MULTIPLE JOINT*[TW] OR SEVERAL JOINT*[TW] OR NUMEROUS JOINT*[TW] OR MANY JOINT*[TW] OR MORE THAN FIVE JOINT*[TW])))) NOT (("ADULT"[MESH]) NOT (("ADULT"[MESH]) AND (((("ADOLESCENT"[MESH]) OR "CHILD"[MESH]) OR "INFANT"[MESH])))) NOT ("ANIMALS"[MESH] NOT ("ANIMALS"[MESH] AND "HUMANS"[MESH])))) NOT (COMMENT*[PT] OR LETTER*[PT] OR EDITORIAL*[PT]) AND (ENGLISH[LANG]))))

Syntax Guide for Embase	
/exp	Explode. Includes Embase subject headings and the narrower terms in the hierarchy.
ti,ab	Includes words in the title or abstracts
de	Includes words in Embase subject headings
Boolean Operators	
OR = retrieves results that include at least one of the search terms	AND = retrieves results that include all the search terms
NOT = excludes the retrieval of terms from the search	

HACAS - EMBASE - 9/26/17

No. Query

#26 #24 AND #25

#25 'antirheumatic agent'/exp OR 'antirheumatic':ti,ab OR 'anti-rheumatic':ti,ab OR dmard*:ti,ab

#24 #13 AND #23

#23 #21 NOT #22

No.	Query
#22	'case report'/exp OR 'letter'/exp OR 'editorial'/exp
#21	#19 NOT #20
#20	'adult'/exp NOT ('adult'/exp AND 'juvenile'/exp)
#19	#17 NOT #18 AND [english]/lim
#18	'animal'/exp NOT ('animal'/exp AND 'human'/exp)
#17	#16 AND [embase]/lim NOT [medline]/lim AND ('article'/it OR 'article in press'/it OR 'conference paper'/it OR 'review'/it)
#16	#14 OR #15
#15	'juvenile rheumatoid arthritis'/exp AND (polyarticular:ti,ab OR 'poly articular*':ti,ab OR 'poly articular':ti,ab)
#14	'polyarthritis'/exp OR polyarthriti*:ti,ab OR polyarthropath*:ti,ab OR polyarthros*:ti,ab OR polyarthritide*:ti,ab
#13	#1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7 OR #8 OR #9 OR #10 OR #11 OR #12
#12	'immunogenicity'/de OR immunogenicity:ti,ab OR 'anti-chimeric':ti,ab OR 'loss of response':ti,ab
#11	haca:ti,ab OR hacas:ti,ab
#10	'anti-chimeric':ti,ab OR 'antichimeric':ti,ab
#9	'anti-etanercept':ti,ab OR antietanercept:ti,ab OR 'anti-adalimumab':ti,ab OR 'antiadalimumab':ti,ab OR 'anti-infliximab':ti,ab OR 'antiinfluximab':ti,ab OR 'anti-golimumab':ti,ab OR 'antigolimumab':ti,ab OR 'anti-abatacept':ti,ab OR 'antiabatacept':ti,ab OR 'anti-tocilizumab':ti,ab OR 'antitocilizumab':ti,ab
#8	'anti antibodies'/exp OR 'anti antibodies':ti,ab OR 'anti antibody':ti,ab OR 'anti-antibodies':ti,ab OR 'anti-antibody':ti,ab
#7	chimeric:ti,ab,de AND (antibod*:ti,ab,de OR antibod*)
#6	'chimeric antibody'/exp
#5	('anti-drug antibody':ti,ab OR 'antidrug antibody':ti,ab) AND 'anti-drug antibodies':ti,ab OR 'antidrug antibodies':ti,ab
#4	'internal image antibody':ti,ab OR 'internal image antibodies':ti,ab
#3	'immunoglobulin antibody'/exp OR 'anti gamma globulin':ti,ab OR 'anti gammaglobulin':ti,ab OR 'anti globulin':ti,ab OR 'anti human gammaglobulin serum':ti,ab OR 'anti ig':ti,ab OR 'anti immunoglobulin':ti,ab OR antigammaglobulin:ti,ab OR antiglobulin:ti,ab OR 'antihuman gamma globulin':ti,ab OR 'antihuman globulin serum':ti,ab OR antiimmunoglobulin:ti,ab OR 'gamma globulin antiserum':ti,ab OR 'gammaglobulin antibody':ti,ab OR 'gammaglobulin immune serum':ti,ab OR 'human anti gammaglobulin serum':ti,ab OR 'human antigammaglobulin factor':ti,ab OR 'human immunoglobulin antiserum':ti,ab OR 'human immunoglobulin monoclonal antibody':ti,ab OR 'ig antibody':ti,ab OR 'immunoglobulin antiserum':ti,ab OR 'immunoglobulin antibody':ti,ab
#2	'anti-antibodies':ti,ab OR antiantibodies:ti,ab OR 'anti-antibody':ti,ab OR antiantibody:ti,ab
#1	'antiidiotypic antibody'/exp OR 'antiidiotypic antibody':ti,ab OR 'anti-idiotypic antibody':ti,ab OR 'antiidiotypic antibodies':ti,ab OR 'anti-idiotypic antibodies':ti,ab OR 'anti-idiotype antibody':ti,ab OR 'anti-idiotype antibodies':ti,ab OR 'antiidiotype antibody':ti,ab OR 'antiidiotype antibodies':ti,ab

Syntax Guide for Cochrane Library	
[MeSH] = Medical Subject Heading	[Text Word] = Includes all words and numbers in the title, abstract, other abstract, MeSH terms, MeSH Subheadings, Publication Types, Substance Names, Personal Name as Subject, Corporate Author, Secondary Source, Comment/Correction Notes, and Other Terms - typically non-MeSH subject terms (keywords)...assigned by an organization other than NLM
[MeSH subheading] = a Medical Subject Heading subheading, e.g. drug therapy	[ti, ab, kw] = Includes words in the title or abstracts or keywords
mh:noexp or MeSH:noexp= a command to retrieve the results of the Medical Subject Heading specified, but not narrower Medical Subject Heading terms	
Boolean Operators	
OR = retrieves results that include at least one of the search terms	AND = retrieves results that include all the search terms
NOT = excludes the retrieval of terms from the search	

COCHRANE LIBRARY HACAS - 9/26/17

- ID Search
- #1 MeSH descriptor: [Antibodies, Anti-Idiotypic] explode all trees
- #2 anti-idiotypic antibod* or ANTIIDIOTYPIC ANTIBOD* or ANTI-IDEOTYPE ANTIBOD* or ANTIIDEOTYPE ANTIBOD* or ANTIANTIBOD* or ANTI-ANTIBOD* or ANTIGLOBULIN* or ANTIGAMMA GLOBULIN ANTIBOD* or ANTI ANTIBOD* or ANTI-GAMMA GLOBULIN ANTIBOD* or ANTI GAMMA GLOBULIN ANTIBOD* or INTERNAL IMAGE ANTIBOD* or ANTI-DRUG ANTIBOD* or ANTIDRUG ANTIBOD*
- #3 CHIMERIC and ANTIBOD*
- #4 ANTI-ANTIBOD* or ANTIANTIBOD* or ANTI-ETANERCEPT or ANTIETANERCEPT or ANTIADALIMUMAB or ANTIINFLIXIMAB or ANTI-GOLIMUMAB or ANTI-ABATACEPT or ANTI-TOCILIZUMAB or ANTITOCILIZUMAB or ANTI-ADALIMUMAB or ANTI-INFLIXIMAB or ANTICHIMERIC or HACA or HACAS or IMMUNOGENICIT* or ANTI-CHIMERIC
- #5 "LOST OF RESPONSE"
- #6 #1 or #2 or #3 or #4 or #5
- #7 POLYARTHRITI* or P-JIA or PJIA or POLYARTHROPATH* or POLYARTHROS* or POLYARTHRIDES or 'POLY JIA' or POLY-ARTHRITI* or (POLY) ARTHRITI*
- #8 MeSH descriptor: [Arthritis, Juvenile] explode all trees
- #9 ARTHRITIS or JIA
- #10 (POLYARTICULAR or POLY-ARTICULAR or POLY ARTICULAR)
- #11 #9 and #10
- #12 #11 or #8 or #7
- #13 #12 and #6

- #14 MeSH descriptor: [Antirheumatic Agents] explode all trees
- #15 ANTIRHEUMATIC AGENT* or ANTIRHEUMATIC DRUG* or ANTI-RHEUMATIC AGENT* or ANTI-RHEUMATIC DRUG* or DMARD*
- #16 #14 or #15
- #17 #16 and #13
- #18 ETANERCEPT or ADALIMUMAB or INFLIXIMAB or GOLIMUMAB or ABATACEPT or TOCILIZUMAB
- #19 #17 and #18