

### SUPPLEMENTARY APPENDIX 3: Search Strategies

#### 2022 American College of Rheumatology/American Association of Hip and Knee Surgeons Guideline for the Perioperative Management of Antirheumatic Medication in Patients with Rheumatic Diseases Undergoing Elective Total Hip or Total Knee Arthroplasty

PUBMED SEARCH STRATEGY – TKR/THR PERIOP – SEARCH DATES: 3/16/2016-12/31/2021  
(EXECUTED ON 8/26/2021)

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(((((("arthroplasty, replacement, hip"[MeSH Terms] OR "hip prostheses"[Text Word] OR "hip replacement"[Title/Abstract] OR "hip arthroplast"[Title/Abstract] OR "hip total replacement"[Title/Abstract] OR "femoral head prostheses"[Title/Abstract] OR ("arthroplasty, replacement, knee"[MeSH Terms] OR "knee prostheses"[Text Word] OR "knee replacement"[Text Word] OR "knee arthroplast"[Text Word] OR "knee total replacement"[Title/Abstract]) OR ("arthroplast"[Text Word] AND ("HIP"[Title/Abstract] OR "HIPS"[Title/Abstract] OR "knee"[Title/Abstract]))) AND (2016/03/16:2021/12/31[Date - Entry] AND "ENGLISH"[Language])) NOT ("COMMENT"[Publication Type] OR "EDITORIAL"[Publication Type] OR "LETTER"[Publication Type])) NOT ("ANIMALS"[MeSH Terms] NOT ("ANIMALS"[MeSH Terms] AND "HUMANS"[MeSH Terms]))) OR (((("arthroplasty, replacement, hip"[MeSH Terms] OR "hip prostheses"[Text Word] OR "hip replacement"[Title/Abstract] OR "hip arthroplast"[Title/Abstract] OR "hip total replacement"[Title/Abstract] OR "femoral head prostheses"[Title/Abstract] OR ("arthroplasty, replacement, knee"[MeSH Terms] OR "knee prostheses"[Text Word] OR "knee replacement"[Text Word] OR "knee arthroplast"[Text Word] OR "knee total replacement"[Title/Abstract]) OR ("arthroplast"[Text Word] AND ("HIP"[Title/Abstract] OR "HIPS"[Title/Abstract] OR "knee"[Title/Abstract]))) AND (2016/03/16:2021/12/31[Date - Publication] AND "ENGLISH"[Language])) NOT ("COMMENT"[Publication Type] OR "EDITORIAL"[Publication Type] OR "LETTER"[Publication Type])) NOT ("ANIMALS"[MeSH Terms] NOT ("ANIMALS"[MeSH Terms] AND "HUMANS"[MeSH Terms]))) AND ("STILL DISEASE"[Text Word] OR "STILL S DISEASE"[Text Word] OR "bechterew s syndrome"[Title/Abstract] OR "bechterew s disease"[Title/Abstract] OR "bechterew disease"[Title/Abstract] OR "ankylosing spondylitis"[Title/Abstract] OR "lupus erythematosus, systemic"[MeSH Terms] OR "LIBMAN SACKS DISEASE"[Title/Abstract] OR "SLE"[Title/Abstract] OR "LUPUS"[Text Word] OR "inflammatory arthrit"[Title/Abstract] OR "arthritis, rheumatoid"[MeSH Terms] OR "rheumatoid arthrit"[Title/Abstract] OR "RHEUMATOID NODULE"[MeSH Terms] OR "rheumatoid nodule"[Title/Abstract] OR "still s disease, adult onset"[MeSH Terms] OR "SPONDYLARTHROSIS"[MeSH Terms] OR "spondylarthrit"[Title/Abstract] OR "spondyloarthrit"[Title/Abstract] OR "SPONDYLARTHROPATHIES"[MeSH Terms] OR "spondylarthropath"[Title/Abstract] OR "MARIE STRUMPELL"[Title/Abstract] OR "ARTHRITIC PSORIASIS"[Title/Abstract] OR "PSORIATIC ARTHRITIS"[Title/Abstract] OR "PSORIASIS ARTHROPATHICA"[Title/Abstract] OR "psoriatic arthropath"[Title/Abstract] OR "SPONDYLOARTHROSIS ANKYLOPOIETICA"[Title/Abstract] OR
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"ankylosing spondylarthrit\*" [Title/Abstract] OR "spondylitis, ankylosing" [MeSH Terms] OR "SPONDYLARTHROSIS ANKYLOPOIETICA" [Title/Abstract] OR "RHEUMATOID SPONDYLITIS" [Title/Abstract] OR "SPONDYLITIS ANKYLOPOIETICA" [Title/Abstract] OR "reactive arthriti\*" [Title/Abstract] OR "post infectious arthri\*" [Title/Abstract] OR "reiter syndrome\*" [Title/Abstract] OR "reiter s disease\*" [Title/Abstract] OR "REITERS DISEASE" [Title/Abstract] OR "REITER DISEASE" [Title/Abstract] OR "postinfectious arthri\*" [Title/Abstract] OR "JUVENILE ARTHRITIS" [Text Word] OR "ENTHESITIS RELATED ARTHRITIS" [Text Word] OR "JUVENILE CHRONIC ARTHRITIS" [Text Word] OR "JUVENILE IDIOPATHIC ARTHRITIS" [Text Word] OR "JIA" [Title/Abstract] OR "oligoarthrit\*" [Text Word] OR "JUVENILE PSORIATIC ARTHRITIS" [Text Word] OR "JUVENILE SYSTEMIC ARTHRITIS" [Text Word] OR "arthritis, juvenile" [MeSH Terms] OR "inflammatory arthrit\*" [Text Word] OR "inflammatory autoimmune arthriti\*" [Text Word] OR "rheumatic diseases" [MeSH Terms:noexp] OR RHEUMAT\* [TW]) AND ("BIOLOGICAL THERAPY" [MeSH Terms] OR "biological therap\*" [Title/Abstract] OR "biologic therap\*" [Title/Abstract] OR "biotherap\*" [Title/Abstract] OR "biological products" [MeSH Terms:noexp] OR "biological product\*" [Title/Abstract] OR "BIOLOGICS" [Title/Abstract] OR "CHLOROCHIN" [Title/Abstract] OR "KHINGAMIN" [Title/Abstract] OR "CHINGAMIN" [Title/Abstract] OR "NIVAQUINE" [Title/Abstract] OR "ARALEN" [Title/Abstract] OR "ARECHINE" [Title/Abstract] OR "ACEDAPSONE" [Title/Abstract] OR "AMARIIN" [Title/Abstract] OR "AMODIAQUINE" [Title/Abstract] OR "ARTEFLENE" [Title/Abstract] OR "artemether\*" [Title/Abstract] OR "ARTEMISININS" [Title/Abstract] OR "ARTEMOTIL" [Title/Abstract] OR "ARTESUNATE" [Title/Abstract] OR "ATOVAQUONE" [Title/Abstract] OR "BETULINIC ACID" [Title/Abstract] OR "BREDININ" [Title/Abstract] OR "BRL 6231" [Title/Abstract] OR "CHLORPROGUANIL" [Title/Abstract] OR "CINCHONINE" [Title/Abstract] OR "CRYPTOLEPINE" [Title/Abstract] OR "CURDLAN SULFATE" [Title/Abstract] OR "CYCLOGUANIL" [Title/Abstract] OR "DAPSONE" [Title/Abstract] OR "DERMASEPTIN" [Title/Abstract] OR "DIHYDROARTEMISININ" [Title/Abstract] OR "E 64" [Title/Abstract] OR "HALOFANTRINE" [Title/Abstract] OR "LAPACHOL" [Title/Abstract] OR "LUMEFANTRINE" [Title/Abstract] OR "MALOPRIM" [Title/Abstract] OR "mefloquine\*" [Title/Abstract] OR "MIRINCAMYCIN" [Title/Abstract] OR "MONORDEN" [Title/Abstract] OR "PARVAQUONE" [Title/Abstract] OR "PEPSTATIN" [Title/Abstract] OR "PIPERAQUINE" [Title/Abstract] OR "PRIMAQUINE" [Title/Abstract] OR "PROGUANIL" [Title/Abstract] OR "PYRIMETHAMINE" [Title/Abstract] OR "PYRONARIDINE" [Title/Abstract] OR "QUINIDINE" [Title/Abstract] OR "QUININE" [Title/Abstract] OR "RV 538" [Title/Abstract] OR "SILICON PHTHALOCYANINE" [Title/Abstract] OR "SINEFUNGIN" [Title/Abstract] OR "SPIROGERMANIUM" [Title/Abstract] OR "SULFADOXINE" [Title/Abstract] OR "SULFALENE" [Title/Abstract] OR "TAFENOQUINE" [Title/Abstract] OR "TETRANDRINE" [Title/Abstract] OR "TRIMETHOPRIM" [Title/Abstract] OR "BARICITINIB" [Supplementary Concept] OR "BARICITINIB" [Title/Abstract] OR

"Olumiant"[Title/Abstract] OR "LY3009104"[Title/Abstract] OR "INCB028050"[Title/Abstract] OR "TOFACITINIB"[Supplementary Concept] OR "TASOCITINIB"[Title/Abstract] OR "XELJANZ"[Title/Abstract] OR "CP 690 550"[Title/Abstract] OR "CP690550"[Title/Abstract] OR "CP690550"[Title/Abstract] OR "CP 690550"[Title/Abstract] OR "tofacitinib\*"[Text Word] OR "SULFASALAZINE"[MeSH Terms] OR "SULFASALAZINE"[All Fields] OR "SULFASALAZIN"[All Fields] OR "SULPHASALAZINE"[All Fields] OR "sulfasalazine\*"[Text Word] OR "sulphasalazine\*"[Text Word] OR "SALICYLAZOSULFAPYRIDINE"[Title/Abstract] OR "SALAZOSULFAPYRIDINE"[Title/Abstract] OR "COLOPLEON"[Title/Abstract] OR "COLOPLEON"[Title/Abstract] OR "PLEON"[Title/Abstract] OR "UCINE"[Title/Abstract] OR "AZULFIDINE"[Title/Abstract] OR "SALAZOPYRIN"[Title/Abstract] OR "ANTIRHEUMATIC AGENTS"[Pharmacological Action] OR "ANTIRHEUMATIC AGENTS"[MeSH Terms] OR "antirheumatic\*"[Title/Abstract] OR "ANTI RHEUMATIC"[Title/Abstract] OR "dmard\*"[Title/Abstract] OR "LEFLUNOMIDE"[Supplementary Concept] OR "leflunomide\*"[Title/Abstract] OR "ARAVA"[Title/Abstract] OR "HWA-486"[Title/Abstract] OR "SU101"[Title/Abstract] OR "MYCOPHENOLIC ACID"[MeSH Terms] OR "mycophenolic acid\*"[Text Word] OR "MYCOPHENOLATE MOFETIL"[Text Word] OR "RS-61443"[Text Word] OR "RS-61443"[Text Word] OR "MYCOPHENOLATE SODIUM"[Text Word] OR "SODIUM MYCOPHENOLATE"[Text Word] OR "MYFORTIC"[Text Word] OR "CELLCEPT"[Text Word] OR "MMF"[Title/Abstract] OR "AZATHIOPRINE"[MeSH Terms] OR "AZATHIOPRINE"[Title/Abstract] OR "AZOTHIOPRINE"[Title/Abstract] OR "IMUREL"[Title/Abstract] OR "IMURAN"[Title/Abstract] OR "IMMURAN"[Title/Abstract] OR "mizoribine\*"[Title/Abstract] OR "CYCLOSPORINE"[MeSH Terms] OR "CYCLOSPORINS"[MeSH Terms] OR "cyclosporin\*"[Text Word] OR "NEORAL"[Title/Abstract] OR "CYA-NOF"[Title/Abstract] OR "SANDIMMUNE"[Title/Abstract] OR "SANDIMMUN"[Title/Abstract] OR "CSA-NEORAL"[Title/Abstract] OR "OL 27 400"[Title/Abstract] OR "TACROLIMUS"[MeSH Terms] OR "PROGRAF"[Title/Abstract] OR "PROGRAFT"[Title/Abstract] OR "TACROLIMUS"[Title/Abstract] OR "FR-900506"[Title/Abstract] OR "FR900506"[Title/Abstract] OR "FK506"[Title/Abstract] OR "FK 506"[Title/Abstract] OR "cyclophosphamide\*"[Title/Abstract] OR "CYCLOPHOSPHANE"[Title/Abstract] OR "ENDOXAN"[Title/Abstract] OR "NEOSAR"[Title/Abstract] OR "NSC-26271"[Title/Abstract] OR "NSC26271"[Title/Abstract] OR "PROCYTOX"[Title/Abstract] OR "SENDOXAN"[Title/Abstract] OR "B518"[Title/Abstract] OR "B 518"[Title/Abstract] OR "CYTOXAN"[Title/Abstract] OR "CYCLOPHOSPHAMIDE"[MeSH Terms] OR "METHOTREXATE"[MeSH Terms] OR "AMETHOPTERIN"[Title/Abstract] OR "METHOTREXATE"[Title/Abstract] OR "MEXATE"[Title/Abstract] OR "RITUXIMAB"[MeSH Terms] OR "RITUXIMAB"[Title/Abstract] OR "MABTHERA"[Title/Abstract] OR "IDEC-C2B8"[Title/Abstract] OR "IDEC-C2B8"[Title/Abstract] OR "GP2013"[Title/Abstract] OR "RITUXAN"[Title/Abstract] OR "BELIMUMAB"[Supplementary Concept] OR "BELIMUMAB"[Title/Abstract] OR "HYDROXYCHLOROQUINE"[MeSH Terms] OR "hydroxychloroquine\*"[Title/Abstract] OR "OXYCHLOROQUINE"[Title/Abstract] OR "PLAQUENIL"[Title/Abstract] OR "ANTIMALARIALS"[Pharmacological Action] OR "QUINACRINE"[MeSH Terms] OR "QUINACRINE"[Title/Abstract] OR "CHLOROQUINE"[MeSH Terms] OR

"CHLOROQUINE"[Title/Abstract] OR "DOXYCYCLINE"[MeSH Terms] OR  
"doxycycline\*"[Title/Abstract] OR "alpha 6 deoxyoxytetracycline\*"[Title/Abstract] OR "alpha 6  
deoxyoxytetracycline\*"[Title/Abstract] OR "vibravenos\*"[Title/Abstract] OR "BU  
3839T"[Title/Abstract] OR "DORYX"[Title/Abstract] OR "hydramycin\*"[Title/Abstract] OR  
"ORACEA"[Title/Abstract] OR "PERIOSTAT"[Title/Abstract] OR "VIBRA-TABS"[Title/Abstract] OR  
"VIBRA-TABS"[Title/Abstract] OR "VIBRAMYCIN"[Title/Abstract] OR "ATRIDOX"[Title/Abstract]  
OR "BMY 28689"[Title/Abstract] OR "APREMILAST"[Supplementary Concept] OR  
"APREMILAST"[Title/Abstract] OR "OTEZLA"[Title/Abstract] OR "CC-10004"[Title/Abstract] OR  
"CC-10004"[Title/Abstract] OR "anti tnf\*"[Text Word] OR "anti tumor necrosis factor\*"[Text  
Word] OR "anti tumour necrosis factor\*"[Title/Abstract] OR "tnf inhibitor\*"[Title/Abstract] OR  
"tumour necrosis factor inhibitor\*"[Title/Abstract] OR "tumor necrosis factor alpha/antagonists  
and inhibitors"[MeSH Terms] OR "tumor necrosis factor antagonist\*"[Title/Abstract] OR "tumour  
necrosis factor antagonist\*"[Title/Abstract] OR "tumor necrosis factor alpha  
antagonist\*"[Title/Abstract] OR "tumour necrosis factor alpha antagonist\*"[Title/Abstract] OR  
"ADALIMUMAB"[MeSH Terms] OR "ADALIMUMAB"[Title/Abstract] OR "HUMIRA"[Title/Abstract]  
OR "ETANERCEPT"[MeSH Terms] OR "ETANERCEPT"[Title/Abstract] OR "ENBREL"[Title/Abstract]  
OR "GOLIMUMAB"[Supplementary Concept] OR "GOLIMUMAB"[Title/Abstract] OR  
"SIMPONI"[Title/Abstract] OR "CERTOLIZUMAB PEGOL"[MeSH Terms] OR "certolizumab  
pegol\*"[Title/Abstract] OR "cimzia\*"[Title/Abstract] OR "CDP870"[Title/Abstract] OR "CDP  
870"[Title/Abstract] OR "INFLIXIMAB"[MeSH Terms] OR "INFLIXIMAB"[Title/Abstract] OR "MAB  
CA2"[Title/Abstract] OR "MONOCLONAL ANTIBODY CA2"[Title/Abstract] OR  
"REMICADE"[Title/Abstract] OR "ABATACEPT"[MeSH Terms] OR "ABATACEPT"[Title/Abstract] OR  
"BELATACEPT"[Title/Abstract] OR "BMS-224818"[Title/Abstract] OR "BMS-  
224818"[Title/Abstract] OR "LEA29Y"[Title/Abstract] OR "NULOJIX"[Title/Abstract] OR  
"ORENCIA"[Title/Abstract] OR "CTLA-4-LG"[Title/Abstract] OR "CTLA4-IG"[Title/Abstract] OR  
"CTLA4-FC"[Title/Abstract] OR "cytotoxic t lymphocyte associated antigen 4  
immunoglobulin\*"[Title/Abstract] OR "TOCILIZUMAB"[Supplementary Concept] OR  
"TOCILIZUMAB"[Title/Abstract] OR "ATLIZUMAB"[Title/Abstract] OR "ACTEMRA"[Title/Abstract]  
OR "INTERLEUKIN 1 RECEPTOR ANTAGONIST PROTEIN"[MeSH Terms] OR "IL1  
INHIBITOR"[Title/Abstract] OR "urine il 1 inhibitor\*"[Title/Abstract] OR "IL-1RA"[Title/Abstract]  
OR "ANTRIL"[Title/Abstract] OR "ANAKINRA"[Title/Abstract] OR "KINERET"[Title/Abstract] OR  
"SECUKINUMAB"[Supplementary Concept] OR "SECUKINUMAB"[Title/Abstract] OR  
"COSENTYX"[Title/Abstract] OR "AIN-457"[Title/Abstract] OR "AIN457"[Title/Abstract] OR  
"GLUCOCORTICOIDS"[MeSH Terms] OR "glucocorticoid\*"[Title/Abstract] OR  
"GLUCOCORTICOIDS"[Pharmacological Action] OR "ALCLOMETASONE  
DIPROPIONATE"[Title/Abstract] OR "AMCINONIDE"[Title/Abstract] OR  
"BECLOMETHASONE"[Title/Abstract] OR "BETAMETHASONE"[Title/Abstract] OR  
"BUDESONIDE"[Title/Abstract] OR "CICLESONIDE"[Title/Abstract] OR  
"CLOBETASOL"[Title/Abstract] OR "clobetasone butyrate\*"[Title/Abstract] OR  
"CLOCORTOLONE"[Title/Abstract] OR "DESOXIMETASONE"[Title/Abstract] OR

"DEXAMETHASONE"[Title/Abstract] OR "DICHLORISONE ACETATE"[Title/Abstract] OR  
 "DIFLORASONE"[Title/Abstract] OR "DIFLUCORTOLONE"[Title/Abstract] OR  
 "DIFLUPREDNATE"[Title/Abstract] OR "DROCINONIDE PHOSPHATE POTASSIUM"[Title/Abstract]  
 OR "FLUMETHASONE"[Title/Abstract] OR "fluocinolone acetonide\*"[Title/Abstract] OR  
 "fluocinonide\*"[Title/Abstract] OR "FLUOCORTIN BUTYL ESTER"[Title/Abstract] OR  
 "FLUOCORTOLONE"[Title/Abstract] OR "FLUOROMETHOLONE"[Title/Abstract] OR "fluperolone  
 acetate\*"[Title/Abstract] OR "FLUPREDNISOLONE"[Title/Abstract] OR  
 "FLURANDRENOLONE"[Title/Abstract] OR "FLUTICASONE"[Title/Abstract] OR  
 "MEDRYSONE"[Title/Abstract] OR "melengestrol acetate\*"[Title/Abstract] OR  
 "METHYLPREDNISOLONE"[Title/Abstract] OR "PARAMETHASONE"[Title/Abstract] OR  
 "PREDNICARBATE"[Title/Abstract] OR "PREDNISOLONE"[Title/Abstract] OR  
 "PREDNISONONE"[Title/Abstract] OR "RIMEXOLONE"[Title/Abstract] OR  
 "TRIAMCINOLONE"[Title/Abstract] OR "USTEKINUMAB"[MeSH Terms] OR  
 "ustekinumab\*"[Title/Abstract] OR "interleukin 23"[Title/Abstract] OR "interleukin 23"[MeSH  
 Terms] OR "IL-23"[Title/Abstract] OR "Interleukin-12 Subunit p40"[MeSH Terms] OR "Interleukin-  
 23 Subunit p19"[MeSH Terms] OR "STELARA"[Title/Abstract] OR "IXEKIZUMAB"[Supplementary  
 Concept] OR "IXEKIZUMAB"[Title/Abstract] OR "Taltz"[Title/Abstract] OR  
 "LY2439821"[Title/Abstract] OR "LY-2439821"[Title/Abstract] OR "CNTO 1275"[Title/Abstract] OR  
 "CNTO1275"[Title/Abstract] OR "GUSELKUMAB"[Supplementary Concept] OR  
 "GUSELKUMAB"[Title/Abstract] OR "Tremfya"[Title/Abstract] OR "cnto 1959"[Title/Abstract] OR  
 "cnto 1959"[Title/Abstract] OR "Janus Kinase Inhibitors"[MeSH Terms] OR "janus kinase  
 inhibitor\*"[Title/Abstract] OR "jak inhibitor\*"[Title/Abstract] OR "UPADACITINIB"[Supplementary  
 Concept] OR "UPADACITINIB"[Title/Abstract] OR "RINVOQ"[Title/Abstract] OR "ABT-  
 494"[Title/Abstract] OR "LymphoStat-B"[Title/Abstract] OR "Benlysta"[Title/Abstract])

EMBASE SEARCH SEARCH STRATEGY - SEARCH DATES: 3/16/2016-8/26/2021 (EXECUTED  
 ON 8/26/2021)

1 exp knee arthroplasty/ 32817  
 2 exp hip arthroplasty/ 29456  
 3 (HIP REPLACEMENT or HIP ARTHROPLASTY or HIP PROSTHESIS or HIP  
 PROSTHESES or FEMORAL HEAD PROSTHESIS or FEMORAL HEAD PROSTHESES or HIP  
 TOTAL REPLACEMENT or KNEE REPLACEMENT or KNEE ARTHROPLASTY or KNEE  
 TOTAL REPLACEMENT or KNEE PROSTHESIS or KNEE PROSTHESES).tw,kw. 83730  
 4 ((KNEE or KNEES or HIP or HIPS) and (ARTHROPLAST\* or REPLACEMENT\* or  
 PROSTHES\*)).tw,kw. 102627  
 5 1 or 2 or 3 or 4 113489  
 6 animal/ not (animal/ and human/) 1106269  
 7 case report/ or EDITORIAL/ or LETTER/ or ABSTRACT REPORT/4266461  
 8 5 not (6 or 7) 98458  
 9 'SYSTEMIC LUPUS ERYTHEMATOSUS'/ or 'SLE'.tw,kw. or 'LUPUS'.tw,kw. or  
 'LIBMAN-SACKS DISEASE'.tw,kw. or 'LIBMAN SACKS DISEASE'.tw,kw. 140842

10 exp 'ANKYLOSING SPONDYLITIS'/ or 'ANKYLOSING SPONDYLITIS'.tw,kw. 32359  
11 exp 'SPONDYLARTHROSITIS'/ or SPONDYLARTHROSIT\*.tw,kw. 9694  
12 SPONDYLOARTHROSIT\*.tw,kw. 10534  
13 SPONDYLARTHROPATH\*/ or SPONDYLARTHROPATH\*.tw,kw. 1195  
14 exp 'SPONDYLOARTHROPATHY'/ 29444  
15 'MARIE STRUMPELL SPONDYLITIS'.tw,kw. 2  
16 (BECHTEREW\* and (DISEASE\* or SYNDROME\*)).mp. [mp=title, abstract, heading  
word, drug trade name, original title, device manufacturer, drug manufacturer, device trade  
name, keyword, floating subheading word, candidate term word] 514  
17 exp 'PSORIATIC ARTHRITIS'/ or 'ARTHRITIC PSORIASIS'.tw,kw. or 'PSORIATIC  
ARTHRITIS'.tw,kw. or 'PSORIASIS ARTHROPATHICA'.tw,kw. or 'PSORIATIC  
ARTHROPATHY'.tw,kw. or 'PSORIATIC ARTHROPATHIES'.tw,kw. 27078  
18 (SPONDYLOARTHROSITIS ANKYLOPOIETICA' or 'ANKYLOSING SPONDYLARTHROSITIS'  
or 'SPONDYLARTHROSITIS ANKYLOPOIETICA' or 'RHEUMATOID SPONDYLITIS' or  
'SPONDYLITIS ANKYLOPOIETICA').tw,kw. 374  
19 exp 'REACTIVE ARTHRITIS'/ or 'REACTIVE ARTHRITIS'.tw,kw. or 'POST-  
INFECTIOUS ARTHRITIS'.tw,kw. or 'POSTINFECTIOUS ARTHRITIS'.tw,kw. or 'REITER  
SYNDROME'.tw,kw. or 'REITERS SYNDROME'.tw,ab. 5997  
20 exp 'REITER SYNDROME'/ 2484  
21 exp 'RHEUMATOID ARTHRITIS'/ or RHEUMATOID ARTHRIT\*.tw,kw. or  
'INFLAMMATORY ARTHRITIS'.tw,kw. 237038  
22 ('RHEUMATOID NODULE' or 'RHEUMATOID NODULES').tw,kw. 1227  
23 ('ADULT ONSET STILL DISEASE' or 'STILLS DISEASE' or 'STILL DISEASE').tw,kw.  
3516  
24 RHEUMATIC DISEASE/ 43580  
25 exp JUVENILE RHEUMATOID ARTHRITIS/ or JUVENILE ARTHRITIS.tw,kw. or juvenile  
idiopathic arthrit\*.tw,kw. or JIA.tw,kw. 25120  
26 or/9-25423317  
27 exp GLUCOCORTICOID/ or GLUCOCORTICOID\*.tw,kw. 768760  
28 exp MYCOPHENOLIC ACID/ or MMF.tw,kw. or MYFORTIC.tw,kw. or  
MYCOPHENOLATE\*.tw,kw. or MELBEX.tw,kw. 42289  
29 exp ANTIRHEUMATIC AGENT/ or ANTIRHEUMATIC\*.tw,kw. or ANTI  
RHEUMATIC.tw,kw. or ANTI RHEUMATICS.tw,kw. or ANTI-RHEUMATIC.tw,kw. or ANTI-  
RHEUMATICS.tw,kw. 706592  
30 exp AZATHIOPRINE/ or AZATHIOPRINE\*.tw,kw. or MERCAPTOPYRIMIDINE.tw,kw. or  
ARATHIOPRIN\*.tw,kw. or AZAFALK.tw,kw. or AZAHEXAL.tw,kw. or AZAMEDAC.tw,kw. or  
AZAMUN\*.tw,kw. or AZANIN.tw,kw. or AZAPIN.tw,kw. or AZAPRESS.tw,kw. or  
AZAPRINE.tw,kw. or AZAREX.tw,kw. or AZASAN.tw,kw. or AZATHIODURA.tw,kw. or  
AZATHIOPINE.tw,kw. or AZATHIOPRIM.tw,kw. or AZATHIOPRIN.tw,kw. or  
AZATHIOPURINE.tw,kw. or AZATHROPSIN.tw,kw. or AZATIOPRIN.tw,kw. or AZATOX.tw,kw.  
or AZATRILEM.tw,kw. or AZOPI.tw,kw. or AZORAN.tw,kw. or AZOTHIOPRIN.tw,kw. or  
AZOTHIOPRINE.tw,kw. or COLINSAN.tw,kw. or IMMURAN.tw,kw. or IMMUREL.tw,kw. or  
IMMUTHERA.tw,kw. or IMUNEN.tw,kw. or IMUPRIN.tw,kw. or IMURAN.tw,kw. or  
IMURANE.tw,kw. or IMUREK.tw,kw. or IMUREL.tw,kw. or IMUREN.tw,kw. or  
THIOAZEPRINE.tw,kw. or THIOPRINE.tw,kw. or TRANSIMUNE.tw,kw. or ZYTRIM.tw,kw.  
102794

31 exp MIZORIBINE/ or MIZORIBINE.tw,kw. or BREDININ.tw,kw. 2310

32 exp CYCLOSPORIN/ or CYCLOSPORIN\*.tw,kw. or DEXIMUNE.tw,kw. or  
IMPLANTA.tw,kw. or IMUSPORIN.tw,kw. 80701

33 exp TACROLIMUS/ or TACROLIMUS.tw,kw. or PROGRAF.tw,kw. 86118

34 exp CYCLOPHOSPHAMIDE/ or CYCLOPHOSPHAMIDE\*.tw,kw. 231056

35 exp METHOTREXATE/ or METHOTREXATE\*.tw,kw. or RHEUMATREX.tw,kw.  
190382

36 exp RITUXIMAB/ or RITUXAN.tw,kw. or RITUXIMAB.tw,kw. 89347

37 exp BELIMUMAB/ or BENLYSTA.tw,kw. or LYMPHOSTAT B.tw,kw. 2747

38 exp HYDROXYCHLOROQUINE/ or PLAQUENIL.tw,kw. or  
HYDROXYCHLOROQUINE\*.tw,kw. 33883

39 exp ANTIMALARIAL AGENT/ or ANTIMALARIAL\*.tw,kw. or ANTI MALARIAL.tw,kw. or  
ANTI-MALARIAL.tw,kw. or ANTI MALARIALS.tw,kw. or ANTI-MALARIALS.tw,kw.  
133365

40 (MEPACRINE or QUINACRINE or CHROLOQUINE\*).tw,kw. 3898

41 exp LEFLUNOMIDE/ or ARAVA.tw,kw. or LEFLUNOMIDE.tw,kw. 12947

42 exp DISEASE MODIFYING ANTIRHEUMATIC DRUG/ or DMARD.tw,kw. or  
DMARDS.tw,kw. 26980

43 exp SALAZOSULFAPYRIDINE/ or AZULFIDINE.tw,kw. or  
SALAZOSULFAPYRIDINE\*.tw,kw. or SULFASALAZINE\*.tw,kw. or SSZ.tw,kw. or  
SALICYLAZOSULFAPYRIDIN.tw,kw. 27307

44 exp DOXYCYCLINE/ or DORYX.tw,kw. or DOXYCYCLINE\*.tw,kw. or MONODOX.tw,kw.  
or VIBRAMYCIN.tw,kw. or 'VIBRA-TABS'.tw,kw. 58689

45 exp 'TOFACITINIB'/ or TOFACITINIB.tw,kw. or TASOCITINIB\*.tw,kw. or  
XELJANZ.tw,kw. 5728

46 exp 'BARICITINIB'/ or BARICITINIB.tw,kw. 1989

47 exp 'APREMILAST'/ or ACETAMIDE.tw,kw. or OTEZLA.tw,kw. or APREMILAST.tw,kw.  
7753

48 exp 'ADALIMUMAB'/ or HUMIRA.tw,kw. or TRUDEXA.tw,kw. or ADALIMUMAB.tw,kw.  
37408

49 exp 'ETANERCEPT'/ or ENBREL.tw,kw. or ETANERCEPT.tw,kw. or EMBREL.tw,kw.  
34091

50 exp 'GOLIMUMAB'/ or SIMPONI.tw,kw. or GOLIMUMAB.tw,kw. 7923

51 exp 'CERTOLIZUMAB PEGOL'/ or CIMZIA.tw,kw. or 'CERTOLIZUMAB PEGOL'.tw,kw.  
7408

52 exp 'INFLIXIMAB'/ or REMICADE.tw,kw. or INFLIXIMAB.tw,kw. 54968

53 exp 'TUMOR NECROSIS FACTOR INHIBITOR'/ or 'ANTI TNF'.tw,kw. or 'ANTI TUMOR  
NECROSIS FACTOR'.tw,kw. or 'ANTI TUMOUR NECROSIS FACTOR'.tw,kw. or 'TNF  
INHIBITOR'.tw,kw. or 'TNF INHIBITORS'.tw,kw. or 'TUMOUR NECROSIS FACTOR  
INHIBITOR'.tw,kw. or 'TUMOUR NECROSIS FACTOR INHIBITORS'.tw,kw. or 'TNF  
ANTAGONIST'.tw,kw. or 'TNF ANTAGONISTS'.tw,kw. or 'TUMOR NECROSIS FACTOR  
ANTAGONIST'.tw,kw. or 'TUMOUR NECROSIS FACTOR ANTAGONIST'.tw,kw. 110783

54 exp 'ABATACEPT'/ or ORENCIA.tw,kw. or ABATACEPT.tw,kw. 10332

55 exp 'TOCILIZUMAB'/ or ACTEMRA.tw,kw. or ATLIZUMAB.tw,kw. or  
ROACTEMRA.tw,kw. or TOCILIZUMAB.tw,kw. 16992

56 exp 'RECOMBINANT INTERLEUKIN 1 RECEPTOR BLOCKING AGENT'/ or  
 ANAKINRA.tw,kw. or KINERET.tw,kw. 7039

57 exp 'SECUKINUMAB'/ or COSENTYX.tw,kw. or SECUKINUMAB.tw,kw. 4649

58 exp 'USTEKINUMAB'/ or STELARA.tw,kw. or USTEKINUMAB.tw,kw. 8586

59 exp 'BIOLOGICAL THERAPY'/ 1743170

60 interleukin 17/ 50353

61 (interleukin 17 or il-17 or il 17).ti,ab,kw. 33004

62 ixekizumab/ 2182

63 (ixekizumab or taltz).ti,ab,kw. 1281

64 interleukin 12/ 48666

65 interleukin 23/ 14960

66 (il 12 or il-12 or il 23 or il-23 or interleukin 12 or interleukin 23).ti,ab,kw. 44052

67 guselkumab/ 1021

68 (guselkumab or tremfya).ti,ab,kw. 574

69 tofacitinib/ 5537

70 (tofacitinib or xeljanz).ti,ab,kw. 3645

71 Janus kinase inhibitor/ 3596

72 (janus kinase inhibitor\* or jak inhibitor\*).ti,ab,kw. 5348

73 olumiant.ti,ab,kw. 13

74 upadacitinib/ 713

75 (upadacitinib or rinvoq).ti,ab,kw. 462

76 or/27-75 3303447

77 8 and 26 and 76 970

78 limit 77 to english language 923

79 limit 78 to (article or article in press) 454

80 limit 79 to dc=20160316-20210826 189

## THR-TKR PERIOPERATIVE MANAGEMENT - COCHRANE SEARCH STRATEGY

Search Dates: 03/16/16 to 08/26/2021

ID Search

#1 MeSH descriptor: [Arthroplasty, Replacement, Hip] explode all trees

#2 (HIP PROSTHES\* OR HIP REPLACEMENT\* OR HIP ARTHROPLAST\* OR HIP TOTAL REPLACEMENT\* OR FEMORAL HEAD PROSTHES\*):ti,ab,kw

#3 MeSH descriptor: [Arthroplasty, Replacement, Knee] explode all trees

#4 (KNEE PROSTHES\* OR KNEE REPLACEMENT\* OR KNEE ARTHROPLAST\* OR KNEE TOTAL REPLACEMENT\*):ti,ab,kw

#5 ARTHROPLAST\* AND (HIP OR HIPS OR KNEE\*):ti,ab,kw

#6 #1 or #2 or #3 or #4 or #5 with Publication Year from 2016 to 2021, in Trials

#7 (STILL DISEASE OR STILLS DISEASE OR BECHTEREWS SYNDROME OR BECHTEREWS DISEASE\* OR BECHTEREW DISEASE\*):TI,AB,KW

#8 ANKYLOSING SPONDYLITIS

#9 MeSH descriptor: [Lupus Erythematosus, Systemic] explode all trees



- #10 (LIBMAN SACKS DISEASE OR SLE OR LUPUS OR INFLAMMATORY ARTHRIT\*):TI,AB,KW
- #11 MeSH descriptor: [Arthritis, Rheumatoid] explode all trees
- #12 MeSH descriptor: [Rheumatoid Nodule] explode all trees
- #13 (RHEUMATOID ARTHRIT\* OR RHEUMATOID NODULE\*):TI,AB,KW
- #14 MeSH descriptor: [Still's Disease, Adult-Onset] explode all trees
- #15 MeSH descriptor: [Spondylarthritis] explode all trees
- #16 MeSH descriptor: [Spondylarthropathies] explode all trees
- #17 (SPONDYLARTHRI\* OR SPONDYLOARTHRI\* OR SPONDYLARTHROPATH\*):TI,AB,KW
- #18 (ARTHRITIC PSORIASIS OR PSORIATIC ARTHRITIS OR PSORIASIS ARTHROPATHICA OR PSORIATIC ARTHROPATH\* OR SPONDYLOARTHRI\* ANKYLOPOIETICA OR ANKYLOSING SPONDYLARTHRI\*):TI,AB,KW
- #19 MeSH descriptor: [Spondylitis, Ankylosing] explode all trees
- #20 MeSH descriptor: [Arthritis, Juvenile] explode all trees
- #21 (SPONDYLARTHRI\* ANKYLOPOIETICA OR RHEUMATOID SPONDYLITIS OR SPONDYLITIS ANKYLOPOIETICA OR REACTIVE ARTHRITIS\* OR POST INFECTIOUS ARTHRI\* OR REITER SYNDROME\* OR REITERS DISEASE OR REITER DISEASE OR POSTINFECTIOUS ARTHRI\* OR JUVENILE ARTHRITIS OR ENTHESITIS RELATED ARTHRITIS OR JUVENILE CHRONIC ARTHRITIS OR JUVENILE IDIOPATHIC ARTHRITIS OR OLIGOARTHRI\* OR JUVENILE PSORIATIC ARTHRITIS OR JUVENILE SYSTEMIC ARTHRITIS):TI,AB,KW
- #22 (STILL DISEASE OR STILLS DISEASE) AND JUVENILE\*
- #23 (INFLAMMATORY ARTHRIT\* OR INFLAMMATORY AUTOIMMUNE ARTHRITIS\*):TI,AB,KW
- #24 #7 OR #8 OR #9 OR #10 OR #11 OR #12 OR #13 OR #14 OR #15 OR #16 OR #17 OR #18 OR #19 OR #20 OR #21 OR #22 OR #23
- #25 #6 AND #24
- #26 MeSH descriptor: [Biological Therapy] this term only
- #27 (BIOLOGICAL THERAP\* OR BIOLOGIC THERAP\* OR BIOTHERAP\*):ti,ab,kw
- #28 MeSH descriptor: [Biological Products] this term only
- #29 (BIOLOGICAL PRODUCT\* OR BIOLOGICS OR CHLOROCHIN OR KHINGAMIN OR CHINGAMIN OR NIVAQUINE OR ARALEN OR ARECHINE OR ACEDAPSONE OR AMARIIN OR AMODIAQUINE OR ARTEFLENE OR ARTEMETHER\* OR ARTEMISININS OR ARTEMOTIL OR ARTESUNATE OR ATOVAQUONE OR BETULINIC ACID OR BREDININ OR CHLORPROGUANIL OR CINCHONINE OR CRYPTOLEPINE OR CURDLAN SULFATE OR CYCLOGUANIL OR DAPSONE OR DERMASEPTIN OR DIHYDROARTEMISININ OR HALOFANTRINE OR LAPACHOL OR LUMEFANTRINE OR MALOPRIM OR MEFLOQUINE\* OR MIRINCAMYCIN OR MONORDEN OR PARVAQUONE OR PEPSTATIN OR PIPERAQUINE OR PRIMAQUINE OR PROGUANIL OR PYRIMETHAMINE OR PYRONARIDINE OR QUINIDINE OR QUININE OR SILICON PHTHALOCYANINE OR SINEFUNGIN OR SPIROGERMANIUM OR SULFADOXINE OR SULFALENE OR TAFENOQUINE OR TETRANDRINE OR TRIMETHOPRIM):ti,ab,kw
- #30 #25 and #29
- #31 BARICITINIB

#32 (Olumiant OR LY3009104 OR INCB028050 OR TOFACITINIB OR TASOCITINIB OR XELJANZ OR CP 690 550 OR CP690550 OR CP690550 OR CP 690550):ti,ab,kw

#33 MeSH descriptor: [Sulfasalazine] explode all trees

#34 (SULFASALAZINE OR SULFASALAZIN OR SULPHASALAZINE):ti,ab,kw

#35 (SULFASALAZINE\* OR SULPHASALAZINE\* OR SALICYLAZOSULFAPYRIDINE OR SALAZOSULFAPYRIDINE OR COLOPLEON OR COLO PLEON OR PLEON OR UCINE OR AZULFIDINE OR SALAZOPYRIN):ti,ab,kw

#36 MeSH descriptor: [Antirheumatic Agents] explode all trees

#37 (ANTIRHEUMATIC\* OR ANTI RHEUMATIC\* OR DMARD\*):ti,ab,kw

#38 (LEFLUNOMIDE\* OR ARAVA OR HWA-486 OR SU101):ti,ab,kw

#39 MeSH descriptor: [Mycophenolic Acid] explode all trees

#40 (MYCOPHENOLIC ACID\* OR MYCOPHENOLATE MOFETIL OR RS 61443 OR MYCOPHENOLATE SODIUM OR SODIUM MYCOPHENOLATE OR MYFORTIC OR CELLCEPT OR MMF):ti,ab,kw

#41 MeSH descriptor: [Azathioprine] explode all trees

#42 (AZATHIOPRINE OR AZOTHIOPRINE OR IMUREL OR IMURAN OR IMMURAN OR MIZORIBINE\*):ti,ab,kw

#43 MeSH descriptor: [Cyclosporins] explode all trees

#44 (CYCLOSPORIN\* OR NEORAL OR CYA-NOF OR SANDIMMUNE OR SANDIMMUN OR CSA-NEORAL OR OL 27 400):ti,ab,kw

#45 MeSH descriptor: [Tacrolimus] explode all trees

#46 (PROGRAF OR PROGRAFT OR TACROLIMUS OR FR-900506 OR FR900506 OR FK 506 OR FK506 OR CYCLOPHOSPHAMIDE\* OR CYCLOPHOSPHANE OR ENDOXAN OR NEOSAR OR NSC-26271 OR NSC26271 OR PROCYTOX OR SENDOXAN OR B518 OR B-518 OR CYTOXAN):ti,ab,kw

#47 MeSH descriptor: [Cyclophosphamide] explode all trees

#48 MeSH descriptor: [Methotrexate] explode all trees

#49 (AMETHOPTERIN OR METHOTREXATE OR MEXATE):ti,ab,kw

#50 MeSH descriptor: [Rituximab] explode all trees

#51 (RITUXIMAB OR MABTHERA OR IDEC-C2B8 OR IDEC-C2B8 OR GP2013 OR RITUXAN):ti,ab,kw

#52 BELIMUMAB

#53 MeSH descriptor: [Hydroxychloroquine] explode all trees

#54 (HYDROXYCHLOROQUINE\* OR OXYCHLOROQUINE OR PLAQUENIL):ti,ab,kw

#55 MeSH descriptor: [Antimalarials] explode all trees

#56 MeSH descriptor: [Quinacrine] explode all trees

#57 QUINACRINE

#58 MeSH descriptor: [Chloroquine] explode all trees

#59 CHLOROQUINE

#60 MeSH descriptor: [Doxycycline] explode all trees

#61 (DOXYCYCLINE\* OR ALPHA 6 DEOXYOXYTETRACYCLINE\* OR ALPHA 6 DEOXYOXYTETRACYCLINE\* OR VIBRAVENOS\* OR BU 3839T OR DORYX OR HYDRAMYCIN\* OR ORACEA OR PERIOSTAT OR VIBRA-TABS OR VIBRA-TABS OR VIBRAMYCIN OR ATRIDOX OR BMY 28689):ti,ab,kw

#62 apremilast

- #63 (OTEZLA OR CC-10004 OR CC-10004 OR ANTI TNF\* OR ANTI TUMOR NECROSIS FACTOR\* OR ANTI TUMOUR NECROSIS FACTOR\* OR TNF INHIBITOR\* OR TUMOUR NECROSIS FACTOR INHIBITOR\*):ti,ab,kw
- #64 MeSH descriptor: [Tumor Necrosis Factor-alpha] explode all trees and with qualifier(s): [antagonists & inhibitors - AI]
- #65 (TUMOR NECROSIS FACTOR ANTAGONIST\* OR TUMOUR NECROSIS FACTOR ANTAGONIST\* OR TUMOR NECROSIS FACTOR ALPHA ANTAGONIST\* OR TUMOUR NECROSIS FACTOR ALPHA ANTAGONIST\*):ti,ab,kw
- #66 MeSH descriptor: [Adalimumab] explode all trees
- #67 (ADALIMUMAB OR HUMIRA):ti,ab,kw
- #68 MeSH descriptor: [Etanercept] explode all trees
- #69 (ETANERCEPT OR ENBREL):ti,ab,kw
- #70 GOLIMUMAB OR SIMPONI
- #71 MeSH descriptor: [Certolizumab Pegol] explode all trees
- #72 (CERTOLIZUMAB PEGOL\* OR CIMZIA\* OR CDP870 OR CDP 870):ti,ab,kw
- #73 MeSH descriptor: [Infliximab] explode all trees
- #74 (INFLIXIMAB OR MAB CA2 OR MONOCLONAL ANTIBODY CA2 OR REMICADE):ti,ab,kw
- #75 MeSH descriptor: [Abatacept] explode all trees
- #76 (ABATACEPT OR BELATACEPT OR BMS 224818):ti,ab,kw
- #77 (LEA29Y OR NULOJIX OR ORENCIA OR CTLA 4 LG OR CTLA4 IG OR CTLA4 FC):ti,ab,kw
- #78 CYTOTOXIC T LYMPHOCYTE ASSOCIATED ANTIGEN 4 IMMUNOGLOBULIN\*
- #79 TOCILIZUMAB OR ATLIZUMAB OR ACTEMRA
- #80 MeSH descriptor: [Interleukin 1 Receptor Antagonist Protein] explode all trees
- #81 (IL1 INHIBITOR OR URINE IL 1 INHIBITOR\* OR IL-1RA OR ANTRIL OR ANAKINRA OR KINERET):ti,ab,kw
- #82 SECUKINUMAB
- #83 (SECUKINUMAB OR COSENTYX OR AIN-457 OR AIN457):ti,ab,kw
- #84 MeSH descriptor: [Glucocorticoids] explode all trees
- #85 (GLUCOCORTICOID\* OR ALCLOMETASONE DIPROPIONATE OR AMCINONIDE OR BECLOMETHASONE OR BETAMETHASONE OR BUDESONIDE OR CICLESONIDE OR CLOBETASOL OR CLOBETASONE BUTYRATE\* OR CLOCORTOLONE OR DESOXIMETASONE OR DEXAMETHASONE OR DICHLORISONE ACETATE OR DIFLORASONE OR DIFLUCORTOLONE OR DIFLUPREDNATE OR DROCINONIDE PHOSPHATE POTASSIUM OR FLUMETHASONE OR FLUOCINOLONE ACETONIDE\* OR FLUOCINONIDE\* OR FLUOCORTIN BUTYL ESTER OR FLUOCORTOLONE OR FLUOROMETHOLONE OR FLUPEROLONE ACETATE\* OR FLUPREDNISOLONE OR FLURANDRENOLONE OR FLUTICASONE OR MEDRYSONE OR MELENGESTROL ACETATE\* OR METHYLPREDNISOLONE OR PARAMETHASONE OR PREDNICARBATE OR PREDNISOLONE OR PREDNISONONE OR RIMEXOLONE OR TRIAMCINOLONE):ti,ab,kw
- #86 MeSH descriptor: [Ustekinumab] explode all trees
- #87 USTEKINUMAB\*:ti,ab,kw
- #88 MeSH descriptor: [Interleukin-23] explode all trees
- #89 interleukin 23 OR IL 23
- #90 MeSH descriptor: [Interleukin-12 Subunit p40] explode all trees

#91 MeSH descriptor: [Interleukin-23 Subunit p19] explode all trees  
#92 IXEKIZUMAB  
#93 guselkumab  
#94 (STELARA OR Taltz OR LY2439821 OR LY 2439821 OR CNTO 1275 OR CNTO1275 OR Tremfya OR CNTO 1959 OR CNTO 1959):TI,AB,KW  
#95 MeSH descriptor: [Janus Kinase Inhibitors] explode all trees  
#96 UPADACITINIB  
#97 (JANUS KINASE INHIBITOR\* OR JAK INHIBITOR\* OR RINVOQ OR ABT 494 OR LymphoStat-B OR Benlysta):TI,AB,KW  
#98 #26 OR #27 OR #28 OR #29 OR #30 OR #31 OR #32 OR #33 OR #34 OR #35 OR #36 OR #37 OR #38 OR #39 OR #40 OR #41 OR #42 OR #43 OR #44 OR #45 OR #46 OR #47 OR #48 OR #49 OR #50 OR #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 OR #78 OR #79 OR #80 OR #81 OR #82 OR #83 OR #85 OR #86 OR #87 OR #88 OR #89 OR #90 OR #91 OR #92 OR #93 OR #94 OR #95 OR #96 OR #97  
#99 #25 AND #98  
#100 PUBMED OR EMBASE  
#101 #99 NOT #100