

Supplementary materials

Safety of Upadacitinib in Immune-mediated Inflammatory Diseases: Systematic Literature Review of Indirect and Direct Treatment Comparisons of Randomized Controlled Trials

Authors:

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Table S1. Search strategy

Ovid MEDLINE and Epub Ahead of Print, In-Process, In-Data-Review & Other Non-Indexed Citations, Daily and Versions <1946 to August 03, 2022>		
#	Searches	Results
1	(Upadacitinib* or Rinvoq* or ABT 494 or ABT-494 or ABT494 or 4RA0KN46E0 or 1310726-60-3 or 1607431-21-9).mp. or azathioprine/ or (Azathioprin* or arathioprin* or AZA or aza-q or azafalk* or azahexal* or azamedac* or azamun* or azanin* or azapin* or azapress* or azaprin* or azarex* or azasan* or azathiodura* or azathioprim* or azathioprinum* or azathiopurin* or azathropsin* or azatioprin* or azatox* or azatrimem* or azopi* or azoran* or azothioprin* or colinsan* or immuran* or immurel* or immuthera* or imunen* or imuprin* or imuran* or imurek* or imurel* or imuren* or muran* or rorasul* or thioazeprin* or thiazepin* or thioprin* or transimun* or zytrim* or AI3-50290 or bw 57 322 or bw-57322 or bw57322 or bw57-322 or bw57322 or CCRIS 62 or CCRIS-62 or CCRIS62 or ccucol* or "EINECS 207-175-4" or HSDB 7084 or HSDB-7084 or HSDB7084 or NCI-C03474 or nsc 39084 or nsc-39084 or nsc39084 or MRK240IY2L or 446-86-6).mp. or cyclosporine/ or (Ciclosporin* or abrammun* or aqua-stasis* or aquastasis* or arpimun* or cequa* or ciclomulsion* or cicloral* or ciclosporina* or ciclosporine* or ciclosporinum* or cipol* or consupren* or cyclasol* or cyclo-derm* or cyclokat* or cyclosporin* or deximune* or equoral* or gengraf* or hydro-stasis* or ikervis* or iminoral* or implanta* or imusporin* or neoplanta* or neoral-sandimmun* or neoral* or neural* or neuro-stat* or neurostat* or opsisporin* or optimmun* or padciclo* or papilock* or pulminiq* or "Ramihyphin A" or restasis* or restaysis* or sanciclo* or sandimmun* or sandimun* or sangcya* or vekacia* or verkazia* or "27400" or "de 076" or "DRG 0275" or "nm 0133" or "opph 088" or "sti 0529" or "27400" or 27-400 or 59865-13-3 or "adi 628" or "adi-628" or "adi628" or CCRIS 1590 or CCRIS-1590 or CCRIS1590 or cgc 1072 or cgc-1072 or cgc1072 or de-076 or de076 or Debio088 or DRG-0275 or DRG0275 or HSDB 6881 or HSDB-6881 or HSDB6881 or lx201 or lx-201 or lx201 or mc203 or "mc 203" or "mtd 202" or mtd-202 or mtd202 or nm 133 or nm-0133 or nm-133 or nm133 or nm0133 or nova 22007 or nova-22007 or nova22007 or NSC 290193 or NSC-290193 or NSC290193 or ol 27400 or ol-27-400 or ol-27400 or ol27400 or olo 400 or olo 500 or olo-400 or olo-500 or olo400 or olo500 or opph-088 or opph088 or otx 101 or otx-101 or otx101 or p 3072 or p-3072 or p3072 or S 7481F1 or S-7481F1 or S7481F1 or sang 35 or sang-35 or sang35 or SDZ-OXL-400 or sp 14019 or sp-14019 or sp14019 or sti-0529 or sti0529 or t1580 or t-1580 or t1580 or 83HN0GTJ6D or 63798-73-2 or 79217-600 or 59865-13-3).mp. or methotrexate/ or (Methotrexat* or abitrexat* or alltrex* or amethopterin* or amethopterin* or antifolan* or artrait* or atrexel* or bendatrexat* or biotrexat* or brimexat* or canceren* or carditrex* or dermatrex* or ebetrex* or emtexat* or emthexat* or emtrexat* or enthexat* or farmitrexat* or farmotrex* or fauldexato* or folex* or glutamic acid or hdmtx or ifamet* or imeth* or intradose* or jylamvo* or lantarel* or ledertrexat* or lumexon* or maxtrex* or medsatrexat* or meisusheng* or metatrexan* or metex* or methoblastin* or methohexat* or methotrat* or Methotrexat-Ebewe or methotrexat* or methotrexat* or methotrexatum* or methoxtrexat* or methylaminopterin* or methylfolic acid or methylpteroylglutamic acid or metical* or metoject* or metothrexat* or metotrexat* or metotrexato* or metotrexin* or metrex* or mexate-aq or mexat* or MTX or neotrexat* or nordimet* or novatrex* or otrexup* or rasuvo* or reumatrex* or rheumatrex* or texat* or texorat* or trexall* or trexan* or xaken* or xatmep* or zexat* or "EINECS 200-413-8" or 3IG1E710ZN or AI325299 or AI3-25299 or CCRIS 1109 or cl 14377 or cl-14377 or cl14377 or EMT 25299 or EMT-25299 or EMT25299 or HSDB 3123 or HSDB-3123 or HSDB3123 or mpi 5004 or mpi-5004 or mpi5004 or nsc 740 or nsc-740 or nsc740 or R 9985 or R-9985 or R9985 or YL5FZ2Y5U1 or 15475-56-6 or 59-05-2 or 7413-34-5).mp. or Mycophenolic Acid/ or (mycophenolat* mofetil* or MMF or cell cept* or cellcept* or cellmun* or cellsept* or munoloc* or myclausen* or mycophenolic acid or myfenax* or "168396" or HSDB 7436 or HSDB-7436 or HSDB7436 or rs 61443 or rs-61443 or rs61443 or 9242ECW6R0 or 128794-94-5).mp. or (Dupilumab* or dupixent* or regn 668 or REGN-668 or regn668 or sar 231893 or sar-231893 or sar231893 or 420K487FSG or 1190264-60-8).mp. or (tralokinumab* or cat 354 or cat-354 or cat354 or GK1LYB375A or 1044515-88-9).mp. or (baricitinib* or olumiant* or "incb 028050" or incb-028050 or incb028050 or incb 28050 or incb-28050 or incb28050 or ly 3009104 or ly-3009104 or ly3009104 or ISP4442I3Y or 1187594-09-7).mp. or (abrocitinib* or "pf 04965842" or pf-04965842 or pf04965842 or pf 4965842 or pf-4965842 or pf4965842 or 73SM5SF3OR or 1622902-68-4).mp. or alitretinoin/ or (Alitretinoin* or alitretinoinum* or cehado* or hanzema* or panretin* or panretyn* or panrexin* or retinoic acid* or toctino* or tretinoin* or agn 192013 or agn-192013 or agn192013 or alrt 1057 or alrt-1057 or alrt1057 or bal 4079 or bal-4079 or bal4079 or CCRIS 7098 or CCRIS-7098 or CCRIS7098 or HSDB 7186 or HSDB-7186 or HSDB7186 or LG100057 or lgd 100057 or lgd 1057 or lgd-100057 or lgd-1057 or lgd100057 or lgd1057 or nsc 659772 or nsc-659772 or nsc659772 or 1UA8E65KDZ or 5300-03-8).mp. or Prednisolone/ or (Prednisolone or Adelcort* or Ak-Pred* or Antisolon* or Aprednison* or Benisolon* or Berisolon* or Bubbli-Pred* or Caberdelt* or Cambison* or Capsoid* or "co hydeltra*" or Codelcorton* or Compresolon* or Cordrol* or Cortadelton* or Cortalon* or Cortelinter* or Cortisolon* or Cotogesic* or Cotonon* or Dacortin* or Decaprednil* or Decortin* or Decortril* or "dehydro cortex" or "dehydro hydrocortison*" or Dehydrocortex or Dehydrocortisol* or Dehydrohydrocortison* or Delcortol* or "delta 1 17 hydroxycorticosterone 21 acetate" or "delta 1 hydrocortisone" or (Delta adj Cortelan*) or delta cortef* or delta cortril* or "delta f" or "delta hycortol*" or "delta hydrocortisone*" or "delta ophticor*" or "delta stab" or	1259234

	delta-hydrocortison* or "delta1 dehydrocortisol*" or "delta1 dehydrohydrocortison*" or "delta1 hydrocortison*" or Deltacortef* or Deltacortenol* or Deltacortenolo* or Deltacortil* or Deltaderm* or Deltaglycortril* or Deltahycortol* or Deltahydrocortison* or Deltaophcticor* or Deltasolon* or Deltason* or Deltastab* or Deltidrosol* or Deltisilon* or Deltisolon* or Deltolasson* or Deltolasson* or Deltoson* or Depopredat* or Depo predat* or Dermosolon* or "Derpo PD" or Dhasolon* or "di adreson f" or "Di-adreson F" or "di-adreson-f" or Diadreson* or Dicortol* or Domucorton* or Donisolon* or Dydeltron* or "Eazolin D" or Encortelon* or Equisolon* or Erbacort* or Erbason* or Estilson* or Fernisolon* or Glistelon* or Hefasolon* or Hostacortin* or Hydeltra* or Hydeltrasol* or Hydeltron* or Hydrelta* or Hydrocortancyl* or Hydrocortidelt* or Hydrodeltalon* or Hydrodeltison* or Hydroretrocortin* or Inflamas* or Inflanefran* or Insolon* or Keteocort* or Key pred* or Klismacort* or Lenisolon* or Lentoson* or Leocortol* or Liquipred* or "liquid pred" or lygal kopftinktur or mediasolon* or meprisolon* or meprisolon* or metacortalon* or metacortalon* or metacortandralon* or metacortandralon* or metacortelon* or meti derm* or meti-derm* or meticortelon* or metiderm* or Millipred* or Morlon* or Mydrapred* or neo delta* or nisolon* or opredson* or Orason* or Panafcortelon* or Panafort* or Paracortol* or Paracotol* or Pediapred* or Phlogex* or Poly-Pred* or PRDL or pre cortisyl* or preconin* or precortalon* or Precortancyl* or Precortilon* or Precortisyl* or Pred ject* or Predject* or Predacort* or Predalon* or Predartrin* or Predat* or Predeltilon* or Predisol* or Predisyr* or predne dom* or prednecort* or prednedom* or prednelan* or predni coelin* or predni h tablinen* or predni-helvacort* or Prednicen* or Prednicoelin* or Prednicort* or Prednicortelon* or prednifor drops* or Predniliderm* or Predniment* or Predniretard* or Prednis* or Prednisil* or Prednisolone* or prednisolon* or Prednisolonum* or Prednivet* or Prednorsolon* or Prednorsolon* or Predonin* or Predonin* or Predorgasolon* or Predorgasolon* or Preflam* or Prelon* or Prenilon* or Prenin* or Prenolon* or Preventan* or Prezolon* or Rolison* or Rubycort* or Scherisolon* or Scherisolon* or Serilon* or Solondo* or Solon* or Solupren* or Solupren* or Spiricort* or Spolotan* or Steran* or Steran* or Sterolon* or Supercortisol* or Supercortizol* or Taracortelon* or Ulacort* or Ultracort* or Walesolon* or Wysolon* or NSC 9120 or NSC-9120 or NSC9120 or NSC 9900 or NSC-9900 or NSC9900 or CCRIS 980 or HSDB 3385 or HSDB-3385 or HSDB3385 or K 1557 or K1557 or 9PHQ9Y1OLM or 50-24-8).mp. or adalimumab/ or (Adalimumab* or adalimumab-adaz or adalimumab-adbm or adalimumab-afzb or adalimumab-atto or adalimumab-bwwd or Hadlima* or Humira* or Imraldi* or Amjevita* or Cyltezo* or Trudexa* or abp-501 or ABP 501 or bcd-057 or bi-695501 or bi695501 or chs-1420 or d2e7 or gp-2017 or gp2017 or lu-200134 or lu200134 or m-923 or m923 or msb-11022 or msb11022 or ons-3010 or sb-5 or sb5 or sb5 or fys6t7f842 or FYS6T7F842 or 331731-18-1 or Hulio* or Imraldi* or Hefiya* or Amgevita* or Idacio* or Hyrimoz* or Halimatoz* or Amsparity* or Erelzi* or Benepali* or Zessly* or Flixabi*).mp. or certolizumab pegol/ or (Certolizumab* or Cimzia* or CDP 870 or CDP-870 or CDP870 or PHA-738144 or pha 738144 or pha738144 or UMD07X179E or 428863-50-7).mp. or etanercept/ or (Etanercept* or etanercept-szszs or etanercept-ykro or Recombinant human TNF or rhu TNFR:Fc or rhu-TNFR:Fc or TNFR-Immunoadhesin or TNFR Fc or "tnr 001" or tnr001 or Brenzys* or benepali* or Enbrel* or embrel* or Erelzi* or Davictrel* or Tunex* or altebrel* or CHS-0214 or DWP-422 or ENIA-11 or GP-2015 or GP2015 or GP2015C or HD-203 or HD203 or LBEC-0101 or LBEC0101 or SB-4 or SB4 or enia 11 or enia11 or OP401G7OJC or 185243-69-0 or 200013-86-1 or 2055118-96-0).mp. or (Golimumab* or Simponi* or CNTO 148 or CNTO-148 or 91X1KLU43E or 476181-74-5).mp. or infliximab/ or (infliximab* or Infliximab-abda or Infliximab-axxq or Infliximab-dyyb or Infliximab-qbtx or Avsola* or Flixabi* or Inflectra* or Avsola* or avakine* or INFLIX* or ixifi* or Remicade* or Remsima* or Renflexis* or revellex* or zessly* or ABP 710 or ABP-710 or BOW-015 or BOW015 or CT-P10 or CT-P-13 or CT-P13 or GP 1111 or GP-1111 or PF-06438179 or "PF 06438179" or pf 6438179 or pf06438179 or pf6438179 or TA-650 or SB2 or B72HH48FLU or 170277-31-3).mp. or (Bimekizumab* or UCB4940 or 09495UIM6V or 1418205-77-2).mp. or ixekizumab/ or (Ixekezumab* or taltz* or LY 2439821 or LY-2439821 or LY2439821 or BTY153760O or 1143503-69-8).mp. or (secukinumab* or Cosentyx* or AIN-457 or AIN457 or AIN457A or DLG4EML025 or 1229022-83-6 or 875356-43-7 or 875356-44-8).mp. or (filgotinib* or g 146034 or g 146034-101 or g146034 or g146034-101 or "glpg 0634" or glpg0634 or glpg-0634 or GS-6034 or 3XVL385Q0M or 1206161-97-8 or 1540859-07-1 or Jyseleca).mp. or (Tofacitinib* or Tasocitinib* or Tofacitinibum* or Xeljanz* or Xeljanz or CP 690550 or CP- 690 550 or CP-690 or CP-690-550 or CP-690,550 or CP-690550 or CP690,550 or CP690550 or cp690550 10 or cp690550-10 or 87LA6FU830 or 477600-75-2 or 540737-29-9).mp. or (risankizumab\$ or SKYRIZI\$).mp. or (vedolizumab or ENTYVIO\$).mp. or ustekinumab/ or (ustekinumab or STELARAS\$).mp. or (ozanimod or ZEPOSIA\$ or RPC1063).mp. or (mirikizumab or LY3074828).mp. or (etrolizumab or rhuMAb Beta7).mp. or (Guselkumab or Tremfya or TREMFYA\$).mp. or (Brazikumab or MEDI2070 or AMG 139).mp. or (Etrasimod or APD334).mp. or abatacept/ or (abatacept or Orenicia or CTLA-4Ig or 332348-12-6).mp. or (Tildrakizumab or Ilumya or Ilumetri).mp. or (Apremilast or Otezla or CC-10004).mp. or (Peficitinib or ASP015K).mp. or rituximab/ or (rituximab or Rituxan or Mabthera or 174722-31-7).mp. or (tocilizumab or Actemra or RoActemra or 375823-41-9).mp. or (sirukumab or CNTO-136 or CNTO136 or 1194585-53-9).mp. or (sarilumab or Kevzara or SAR 153191 or SAR153191 or REGN 88 or REGN88 or 1189541-98-7).mp. or (anakinra or Kineret or 143090-92-0).mp.	
2	Antirheumatic Agents/ or Tumor Necrosis Factor-alpha/ or Janus Kinase Inhibitors/ or Janus Kinases/ or Interleukins/	175965
3	("JAK*" or "janus*" or "dmard*" or "bdmard*" or "tsdmard*" or "csdmard*" or "interleukin*" or "IL*" or "necrosis factor*" or "TNF*").mp.	2182837
4	1 or 2 or 3	3332077

5	Meta-Analysis/ or Network Meta-Analysis/	166594
6	("meta-analys*" or "metaanalys*" or "meta analys*" or "metaregres*" or "meta-regres*" or "meta regres*" or "NMA*" or "Bucher*" or "MAIC*" or "matching adjusted*" or "matching-adjusted*" or "population-adjusted*" or "population adjusted*" or "STC*" or "simulated treatment compar*" or "indirect treatment compar*" or "indirect compar*" or "adjusted indirect comparison" or "indirect" or "indirectly" or "mixed treatment" or "multiple treatment" or "multiple comparison" or "cross-trial" or "cross-study").ab,ti.	515556
7	5 or 6	540068
8	Arthritis, Psoriatic/ or Arthritis, Rheumatoid/ or Spondylitis, Ankylosing/ or Dermatitis, Atopic/ or Colitis, Ulcerative/ or Crohn Disease/	216683
9	("psoriatic arthritis" or "rheumatoid arthritis" or "ankylosing spondylitis" or "atopic dermatitis" or "ulcerative colitis" or "Crohn*").ab,ti.	234224
10	8 or 9	288304
11	4 and 7 and 10	3466
12	limit 11 to yr="2018 -Current"	1285
13	limit 12 to english language	1270
14	remove duplicates from 13	1257
Embase <1974 to 2022 Week 30>		
#	Searches	Results
1	upadacitinib/ or (Upadacitinib* or Rinvoq* or ABT 494 or ABT-494 or ABT494 or 4RA0KN46E0 or 1310726-60-3 or 1607431-21-9).mp. or azathioprine/ or (Azathioprin* or arathioprin* or AZA or aza-q or azafalk* or azahexal* or azamedac* or azamun* or azanin* or azapin* or azapress* or azaprin* or azarex* or azasan* or azathiodura* or azathioprim* or azathioprinum* or azathiopurin* or azathropsin* or azatioprin* or azatox* or azatrillem* or azopi* or azoran* or azothioprin* or colinsan* or immuran* or immurel* or immuthera* or imunen* or imuprin* or imuran* or imurek* or imurel* or imuren* or muran* or rorasul* or thioazeprin* or thiazepin* or thioprin* or transimun* or zytrim* or AI3-50290 or bw 57 322 or bw-57322 or bw57322 or bw57-322 or bw57322 or CCRIS 62 or CCRIS-62 or CCRIS62 or ccucol* or "EINECS 207-175-4" or HSDB 7084 or HSDB-7084 or HSDB7084 or NCI-C03474 or nsc 39084 or nsc-39084 or nsc39084 or MRK240IY2L or 446-86-6).mp. or cyclosporine/ or (Ciclosporin* or abrammun* or aqua-stasis* or aquastasis* or arpimun* or cequa* or ciclomulsion* or cicloral* or ciclosporina* or ciclosporine* or ciclosporinum* or cipol* or consupren* or cyclosol* or cyclo-derm* or cyclok* or cyclosporin* or deximune* or equoral* or gengraf* or hydro-stasis* or ikervis* or iminoral* or implanta* or imusporin* or neoplanta* or neoral-sandimmun* or neoral* or neural* or neuro-stat* or neurostat* or opsisporin* or optimmun* or padciclo* or papilock* or pulminiq* or "Ramihyphin A" or restasis* or restaysis* or sanciclo* or sandimmun* or sandimun* or sangcya* or vekacia* or verkazia* or "27400" or "de 076" or "DRG 0275" or "nm 0133" or "opph 088" or "sti 0529" or "27400" or 27-400 or 59865-13-3 or "adi 628" or "adi-628" or "adi628" or CCRIS 1590 or CCRIS-1590 or CCRIS1590 or cgc 1072 or cgc-1072 or cgc1072 or de-076 or de076 or Debio088 or DRG-0275 or DRG0275 or HSDB 6881 or HSDB-6881 or HSDB6881 or lx201 or lx-201 or lx201 or mc203 or "mc 203" or "mtd 202" or mtd-202 or mtd202 or nm 133 or nm-0133 or nm-133 or nm133 or nm0133 or nova 22007 or nova-22007 or nova22007 or NSC 290193 or NSC-290193 or NSC290193 or ol 27400 or ol-27-400 or ol-27400 or ol27400 or olo 400 or olo 500 or olo-400 or olo-500 or olo400 or olo500 or opph-088 or opph088 or otx 101 or otx-101 or otx101 or p 3072 or p-3072 or p3072 or S 7481F1 or S-7481F1 or S7481F1 or sang 35 or sang-35 or sang35 or SDZ-OXL-400 or sp 14019 or sp-14019 or sp14019 or sti-0529 or sti0529 or t1580 or t-1580 or t1580 or 83HN0GTJ6D or 63798-73-2 or 79217-600 or 59865-13-3).mp. or methotrexate/ or (Methotrexat* or abitrexat* or alltrex* or amethopterin* or ametopterin* or antifolan* or artrait* or atrexel* or bendatrexat* or biotrexat* or brimexat* or canceren* or carditrex* or dermotrex* or ebetrex* or emtexat* or emthexat* or emtrexat* or enthexat* or farmitrexat* or farmotrex* or fauldexato* or folex* or glutamic acid or hdmtx or ifamet* or imeth* or intradose* or jylamvo* or lantarel* or ledertrexat* or lumexon* or maxtrex* or medsatrexat* or meisusheng* or metatrexan* or metex* or methoblastin* or methohexat* or methotrat* or Methotrexat-Ebewe or methotrexat* or methotrexat* or methotrexatum* or methoxtrexat* or methylaminopterin* or methylfolic acid or methylpteroylglutamic acid or metical* or metoject* or metothrexat* or metotrexat* or metotrexato* or metotrexin* or metrex* or mexate-aq or mexat* or MTX or neotrexat* or nordimet* or novatrex* or otrexup* or rasuvo* or reumatrex* or rheumatrex* or texat* or texorat* or trexall* or trexan* or xaken* or xatmep* or zexat* or "EINECS 200-413-8" or 3IG1E710ZN or AI325299 or AI3-25299 or CCRIS 1109 or cl 14377 or cl-14377 or cl14377 or EMT 25299 or EMT-25299 or EMT25299 or HSDB 3123 or HSDB-3123 or HSDB3123 or mpi 5004 or mpi-5004 or mpi5004 or nsc 740 or nsc-740 or nsc740 or R 9985 or R-9985 or R9985 or YL5FZ2Y5U1 or 15475-56-6 or 59-05-2 or 7413-34-5).mp. or mycophenolate mofetil/ or (mycophenolat* mofetil* or MMF or cell cept* or cellcept* or cellmun* or cellsept* or munoloc* or myclausen* or mycophenolic acid or myfenax* or "168396" or HSDB 7436 or HSDB-7436 or HSDB7436 or rs 61443 or rs-61443 or rs61443 or 9242ECW6R0 or 128794-94-5).mp. or dupilumab/ or (Dupilumab* or dupixent* or	1940981

regn 668 or REGN-668 or regn668 or sar 231893 or sar-231893 or sar231893 or 420K487FSG or 1190264-60-8).mp. or tralokinumab/ or (tralokinumab* or cat 354 or cat-354 or cat354 or GK1LYB375A or 1044515-88-9).mp. or baricitinib/ or (baricitinib* or olumiant* or "incb 028050" or incb-028050 or incb028050 or incb 28050 or incb-28050 or incb28050 or ly 3009104 or ly-3009104 or ly3009104 or ISP4442I3Y or 1187594-09-7).mp. or abrocitinib/ or (abrocitinib* or "pf 04965842" or pf-04965842 or pf04965842 or pf 4965842 or pf-4965842 or pf4965842 or 73SM5SF3OR or 1622902-68-4).mp. or alitretinoin/ or (Alitretinoin* or alitretinoinum* or cehado* or hanzema* or panretin* or panretyn* or panrexin* or retinoic acid* or toctino* or tretinoin* or agn 192013 or agn-192013 or agn192013 or alrt 1057 or alrt-1057 or alrt1057 or bal 4079 or bal-4079 or bal4079 or CCRIS 7098 or CCRIS-7098 or CCRIS7098 or HSDB 7186 or HSDB-7186 or HSDB7186 or LG100057 or lgd 100057 or lgd 1057 or lgd-100057 or lgd-1057 or lgd100057 or lgd1057 or nsc 659772 or nsc-659772 or nsc659772 or 1UA8E65KDZ or 5300-03-8).mp. or Prednisolone/ or (Prednisolone or Adalcort* or Ak-Pred* or Antisolon* or Aprednison* or Benisolon* or Berisolon* or Bubbli-Pred* or Caberdelt* or Cambison* or Capsoid* or "co hydeltra*" or Codelcorton* or Compresolon* or Cordrol* or Cortadelton* or Cortalon* or Cortelinter* or Cortisolon* or Cotogestic* or Cotonlon* or Dacortin* or Decaprednil* or Decortin* or Decortril* or "dehydro cortex" or "dehydro hydrocortison*" or Dehydrocortex or Dehydrocortisol* or Dehydrohydrocortison* or Delcortol* or "delta 1 17 hydroxycorticosterone 21 acetate" or "delta 1 hydrocortisone" or (Delta adj Cortelan*) or delta cortef* or delta cortril* or "delta f" or "delta hycortol*" or "delta hydrocortisone*" or "delta ophticor*" or "delta stab" or delta-hydrocortison* or "delta1 dehydrocortisol*" or "delta1 dehydrohydrocortison*" or "delta1 hydrocortison*" or Deltacortef* or Deltacortenol* or Deltacortenolo* or Deltacortil* or Deltaderm* or Deltaglycortril* or Deltahycortol* or Deltahydrocortison* or Deltaophticor* or Deltasolon* or Deltason* or Deltastab* or Deltidrosol* or Deltisilon* or Deltisolon* or Deltolasson* or Deltolasson* or Deltoson* or Depopredat* or Depo predat* or Dermosolon* or "Derpo PD" or Dhasolon* or "di adreson f" or "Di-adreson F" or "di-adreson-f" or Diadreson* or Dicortol* or Domucorton* or Donisolon* or Dydeltron* or "Eazolin D" or Encortelon* or Equisolon* or Erbacort* or Erbason* or Estilson* or Fernisolon* or Glistelon* or Hefasolon* or Hostacortin* or Hydeltra* or Hydeltrasol* or Hydeltron* or Hydrelta* or Hydrocortancyl* or Hydrocortidelt* or Hydrodeltalon* or Hydrodeltison* or Hydroretrocortin* or Inflamas* or Inplanefran* or Insolon* or Keteocort* or Key pred* or Klismacort* or Lenisolon* or Lentoson* or Leocortol* or Liquipred* or "liquid pred" or lygal kopftinktur or mediasolon* or meprisolon* or meprisolon* or metacortalon* or metacortalon* or metacortandralon* or metacortandralon* or metacortelon* or meti derm* or meti-derm* or meticortelon* or metiderm* or Millipred* or Morlon* or Mydraped* or neo delta* or nisolon* or opredson* or Orason* or Panafcortelon* or Panafort* or Paracortol* or Paracotol* or Padiaped* or Phlogex* or Poly-Pred* or PRDL or pre cortisyl* or preconin* or precortalon* or Precortancyl* or Precortilon* or Precortisyl* or Pred ject* or Predject* or Predacort* or Predalon* or Predartrin* or Predat* or Predeltilon* or Predisol* or Predisyr* or predne dom* or prednecort* or prednedom* or prednelan* or predni coelin* or predni h tablinen* or predni-helvacort* or Prednicen* or Prednicoelin* or Prednicort* or Prednicortelon* or prednifor drops* or Predniliderm* or Predniment* or Predniretard* or Prednis* or Prednisil* or Prednisolone* or prednisolon* or Prednisolonum* or Prednivet* or Prednorsolon* or Prednorsolon* or Predonin* or Predonin* or Predorgasolon* or Predorgasolon* or Preflam* or Prelon* or Prenilon* or Prenin* or Prenolon* or Preventan* or Prezolon* or Rolison* or Rubycort* or Scherisolon* or Scherisolon* or Serilon* or Solondo* or Solon* or Solupren* or Solupren* or Spiricort* or Spolotan* or Steran* or Steran* or Sterolon* or Supercortisol* or Supercortizol* or Taracortelon* or Ulacort* or Ultracort* or Walesolon* or Wysolon* or NSC 9120 or NSC-9120 or NSC9120 or NSC 9900 or NSC-9900 or NSC9900 or CCRIS 980 or HSDB 3385 or HSDB-3385 or HSDB3385 or K 1557 or K1557 or 9PHQ9Y1OLM or 50-24-8).mp. or adalimumab/ or (Adalimumab* or adalimumab-adaz or adalimumab-adbm or adalimumab-afzb or adalimumab-atto or adalimumab-bwwd or Hadlima* or Humira* or Imraldi* or Amjevita* or Cyltezo* or Trudexa* or abp-501 or ABP 501 or bcd-057 or bi-695501 or bi695501 or chs-1420 or d2e7 or gp-2017 or gp2017 or lu-200134 or lu200134 or m-923 or m923 or msb-11022 or msb11022 or ons-3010 or sb-5 or sb5 or fys6t7f842 or FYS6T7F842 or 331731-18-1 or Hulio* or Imraldi* or Hefiya* or Amgevita* or Idacio* or Hyrimoz* or Halimatoz* or Amsparity* or Erelzi* or Benepali* or Zessly* or Flixabi*).mp. or certolizumab pegol/ or (Certolizumab* or Cimzia* or CDP 870 or CDP-870 or CDP870 or PHA-738144 or pha 738144 or pha738144 or UMD07X179E or 428863-50-7).mp. or etanercept/ or (Etanercept* or etanercept-szzs or etanercept-ykro or Recombinant human TNF or rhu TNFR:Fc or rhu-TNFR:Fc or TNFR-Immunoaderhesin or TNFR Fc or "tnr 001" or tnr001 or Brenzys* or benepali* or Enbrel* or embrel* or Erelzi* or Davictrrel* or Tunex* or altebrel* or CHS-0214 or DWP-422 or ENIA-11 or GP-2015 or GP2015 or GP2015C or HD-203 or HD203 or LBEC-0101 or LBEC0101 or SB-4 or SB4 or enia 11 or enia11 or OP401G7OJC or 185243-69-0 or 200013-86-1 or 2055118-96-0).mp. or golimumab/ or (Golimumab* or Simponi* or CNTO 148 or CNTO-148 or 91X1KLU43E or 476181-74-5).mp. or infliximab/ or (infliximab* or Infliximab-abda or Infliximab-axxq or Infliximab-dyyb or Infliximab-qbtq or Avsola* or Flixabi* or Inflectra* or Avsola* or avakine* or INFLIX* or ixifi* or Remicade* or Remsima* or Renflexis* or revellex* or zessly* or ABP 710 or ABP-710 or BOW-015 or BOW015 or CT-P10 or CT-P-13 or CT-P13 or GP 1111 or GP-1111 or PF-06438179 or "PF 06438179" or pf 6438179 or pf06438179 or pf6438179 or TA-650 or SB2 or B72HH48FLU or 170277-31-3).mp. or bimekizumab/ or (Bimekizumab* or UCB4940 or 09495UIM6V or 1418205-77-2).mp. or ixekizumab/ or (Ixekezumab* or taltz* or LY 2439821 or LY-2439821 or LY2439821 or BTY153760O or 1143503-69-8).mp. or secukinumab/ or (secukinumab* or Cosentyx* or AIN-457 or AIN457 or AIN457A or DLG4EML025 or 1229022-83-6 or 875356-43-7 or 875356-44-8).mp. or filgotinib/ or (filgotinib* or g 146034 or g 146034-101 or g146034 or g146034-101 or "glpg 0634" or glpg0634 or glpg-0634 or GS-6034 or 3XVL385Q0M or

	1206161-97-8 or 1540859-07-1 or Jyseleca).mp. or tofacitinib/ or (Tofacitinib* or Tasocitinib* or Tofacitinibum* or Xeljanz* or Xeljanz or CP 690550 or CP- 690 550 or CP-690 or CP-690-550 or CP-690,550 or CP-690550 or CP690,550 or CP690550 or cp690550 10 or cp690550-10 or 87LA6FU830 or 477600-75-2 or 540737-29-9).mp. or risankizumab/ or (risankizumab\$ or SKYRIZI\$).mp. or vedolizumab/ or (vedolizumab or ENTYVIO\$).mp. or ustekinumab/ or (ustekinumab or STELARA\$).mp. or ozanimod/ or (ozanimod or ZEPOSIA\$ or RPC1063).mp. or mirikizumab/ or (mirikizumab or LY3074828).mp. or etrolizumab/ or (etrolizumab or rhuMAb Beta7).mp. or guselkumab/ or (Guselkumab or Tremfya or TREMFYA\$).mp. or brazikumab/ or (Brazikumab or MEDI2070 or AMG 139).mp. or etrasimod/ or (Etrasimod or APD334).mp. or abatacept/ or (abatacept or Orencia or CTLA-4Ig or 332348-12-6).mp. or Tildrakizumab/ or (Tildrakizumab or Ilumya or Ilumetri).mp. or apremilast/ or (Apremilast or Otezla or CC-10004).mp. or peficitinib/ or (Peficitinib or ASP015K).mp. or rituximab/ or (rituximab or Rituxan or Mabthera or 174722-31-7).mp. or tocilizumab/ or (tocilizumab or Actemra or RoActemra or 375823-41-9).mp. or sirukumab/ or (sirukumab or CNTO-136 or CNTO136 or 1194585-53-9).mp. or sarilumab/ or (sarilumab or Kevzara or SAR 153191 or SAR153191 or REGN 88 or REGN88 or 1189541-98-7).mp. or anakinra/ or (anakinra or Kineret or 143090-92-0).mp.	
2	("JAK*" or "janus*" or "dmard*" or "bdmard*" or "tsdmard*" or "csdmard*" or "interleukin*" or "IL*" or "necrosis factor*" or "TNF*").mp.	2777002
3	disease modifying antirheumatic drug/ or tumor necrosis factor/ or Janus kinase inhibitor/ or Janus kinase/ or interleukin derivative/	239725
4	1 or 2 or 3	4481351
5	Meta Analysis/ or Network Meta-Analysis/	252821
6	("meta-analys*" or "metaanalys*" or "meta analys*" or "metaregres*" or "meta-regres*" or "meta regres*" or "NMA*" or "Bucher*" or "MAIC*" or "matching adjusted*" or "matching-adjusted*" or "population-adjusted*" or "population adjusted*" or "STC*" or "simulated treatment compar*" or "indirect treatment compar*" or "indirect compar*" or "adjusted indirect comparison" or "indirect" or "indirectly" or "mixed treatment" or "multiple treatment" or "multiple comparison" or "cross-trial" or "cross-study").ab,ti.	636489
7	5 or 6	685702
8	psoriatic arthritis/ or rheumatoid arthritis/ or ankylosing spondylitis/ or atopic dermatitis/ or ulcerative colitis/ or Crohn disease/	423420
9	("psoriatic arthritis" or "rheumatoid arthritis" or "ankylosing spondylitis" or "atopic dermatitis" or "ulcerative colitis" or "Crohn*").ab,ti.	363697
10	8 or 9	468009
11	4 and 7 and 10	7548
12	limit 11 to yr="2018 -Current"	2741
13	limit 12 to english language	2703
14	remove duplicates from 13	2675
EBM Reviews - Cochrane Database of Systematic Reviews <2005 to August 03, 2022>		
#	Searches	Results
1	(Upadacitinib* or Rinvoq* or ABT 494 or ABT-494 or ABT494 or 4RA0KN46E0 or 1310726-60-3 or 1607431-21-9 or (Azathioprin* or arathioprin* or AZA or aza-q or azafalk* or azahexal* or azamedac* or azamun* or azanin* or azapin* or azapress* or azaprin* or azarex* or azasan* or azathiodura* or azathioprim* or azathioprinum* or azathiopurin* or azathropsin* or azatioprin* or azatox* or azatrimem* or azopi* or azoran* or azothioprin* or colinsan* or immuran* or immurel* or immuthera* or imunen* or imuprin* or imuran* or imurek* or imurel* or imuren* or muran* or rorasul* or thioazepin* or thiazepin* or thioprin* or transimun* or zytrim* or AI3-50290 or bw 57 322 or bw-57322 or bw57322 or bw57-322 or bw57322 or CCRIS 62 or CCRIS-62 or CCRIS62 or ccucol* or "EINECS 207-175-4" or HSDB 7084 or HSDB-7084 or HSDB7084 or NCI-C03474 or nsc 39084 or nsc-39084 or nsc39084 or MRK240IY2L or 446-86-6) or (Ciclosporin* or abrammun* or aqua-stasis* or aquastasis* or arpimun* or cequa* or ciclomulsion* or cicloral* or ciclosporina* or ciclosporine* or ciclosporinum* or cipol* or consupren* or cyclosol* or cyclo-derm* or cyclokaf* or cyclosporin* or deximune* or equoral* or gengraf* or hydro-stasis* or ikervis* or iminoral* or implanta* or imusporin* or neoplanta* or neoral-sandimmun* or neoral* or neural* or neuro-stat* or neurostat* or opsiporin* or optimmun* or padciclo* or papilock* or pulmini* or "Ramihyphin A" or restasis* or restaysis* or sanciclo* or sandimmun* or sandimun* or sangcya* or vekacia* or verkazia* or "27400" or "de 076" or "DRG 0275" or "nm 0133" or "opph 088" or "sti 0529" or "27400" or 27-400 or 59865-13-3 or "adi 628" or "adi-628" or "adi628" or CCRIS 1590 or CCRIS-1590 or CCRIS1590 or cgc 1072 or cgc-1072 or cgc1072 or de-076 or de076 or Debio088 or DRG-0275 or DRG0275 or HSDB 6881 or HSDB-6881 or HSDB6881 or lx201 or lx-201 or lx201 or mc203 or "mc 203" or "mtd 202" or mtd-202 or mtd202 or nm 133 or nm-0133 or nm-133 or nm133 or nm0133 or nova 22007 or nova-22007 or nova22007 or NSC 290193 or NSC-290193 or NSC290193 or ol 27400 or ol-27-400 or ol-27400 or ol27400 or olo 400 or olo 500 or olo-400 or olo-500 or olo400 or olo500 or opph-088 or opph088 or otx 101	2169

	or otx-101 or otx101 or p 3072 or p-3072 or p3072 or S 7481F1 or S-7481F1 or S7481F1 or sang 35 or sang-35 or sang35 or SDZ-OXL-400 or sp 14019 or sp-14019 or sp14019 or sti-0529 or sti0529 or t1580 or t-1580 or t1580 or 83HN0GTJ6D or 63798-73-2 or 79217-600 or 59865-13-3) or (Methotrexat* or abitrexat* or alltrex* or amethopterin* or ametopterin* or antifolan* or artrait* or atrexel* or bendatrexat* or biotrexat* or brimexat* or canceren* or carditrex* or dermatrex* or ebetrex* or emtexat* or emthexat* or emtrexat* or enthexat* or farmitrexat* or farmotrex* or fauldexato* or folex* or glutamic acid or hdmtx or ifamet* or imeth* or intradose* or jylamvo* or lantarel* or ledertrexat* or lumexon* or maxtrex* or medsatrexat* or meisusheng* or metatrexan* or metex* or methoblastin* or methohexat* or methotrat* or Methotrexat-Ebewe or methotrexat* or methotrexat* or methotrexatum* or methotrexat* or methylaminopterin* or methylfolic acid or methylpteroylglutamic acid or metical* or metoject* or metothrexat* or metotrexat* or metotrexato* or metotrexin* or metrex* or mexate-aq or mexat* or MTX or neotrexat* or nordimet* or novatrex* or otrexup* or rasuvo* or reumatrex* or rheumatrex* or texat* or texorat* or trexall* or trexan* or xaken* or xatmep* or zexat* or "EINECS 200-413-8" or 3IG1E710ZN or AI325299 or AI3-25299 or CCRIS 1109 or cl 14377 or cl-14377 or cl14377 or EMT 25299 or EMT-25299 or EMT25299 or HSDB 3123 or HSDB-3123 or HSDB3123 or mpi 5004 or mpi-5004 or mpi5004 or nsc 740 or nsc-740 or nsc740 or R 9985 or R-9985 or R9985 or YL5FZ2Y5U1 or 15475-56-6 or 59-05-2 or 7413-34-5) or (mycophenolat* mofetil* or MMF or cell cept* or cellcept* or cellmun* or cellsept* or munoloc* or myclausen* or mycophenolic acid or myfenax* or "168396" or HSDB 7436 or HSDB-7436 or HSDB7436 or rs 61443 or rs-61443 or rs61443 or 9242ECW6R0 or 128794-94-5) or (Dupilumab* or dupixent* or regn 668 or REGN-668 or regn668 or sar 231893 or sar-231893 or sar231893 or 420K487FSG or 1190264-60-8) or (tralokinumab* or cat 354 or cat-354 or cat354 or GK1LYB375A or 1044515-88-9) or (baricitinib* or olumiant* or "incb 028050" or incb-028050 or incb028050 or incb 28050 or incb-28050 or incb28050 or ly 3009104 or ly-3009104 or ly3009104 or ISP4442I3Y or 1187594-09-7) or (abrocitinib* or "pf 04965842" or pf-04965842 or pf04965842 or pf 4965842 or pf-4965842 or pf4965842 or 73SM5SF3OR or 1622902-68-4) or (Alitretinoin* or alitretinoinum* or cehado* or hanzema* or panretin* or panretyn* or panrexin* or retinoic acid* or toctino* or tretinoin* or agn 192013 or agn-192013 or agn192013 or alrt 1057 or alrt-1057 or alrt1057 or bal 4079 or bal-4079 or bal4079 or CCRIS 7098 or CCRIS-7098 or CCRIS7098 or HSDB 7186 or HSDB-7186 or HSDB7186 or LG100057 or lgd 100057 or lgd 1057 or lgd-100057 or lgd-1057 or lgd100057 or lgd1057 or nsc 659772 or nsc-659772 or nsc659772 or 1UA8E65KDZ or 5300-03-8) or (Prednisolone or Adeltcort* or Ak-Pred* or Antisolon* or Aprednislon* or Benisolon* or Berisolon* or Bubbli-Pred* or Caberdelt* or Cambison* or Capsoid* or "co hydeltre*" or Codelcorton* or Compresolon* or Cordrol* or Cortadelton* or Cortalon* or Cortelinter* or Cortisolon* or Cotogesic* or Cotelon* or Dacortin* or Decaprednil* or Decortin* or Decortril* or "dehydro cortex" or "dehydro hydrocortison*" or Dehydrocortex or Dehydrocortisol* or Dehydrohydrocortison* or Delcortol* or "delta 1 17 hydroxycorticosterone 21 acetate" or "delta 1 hydrocortisone" or (Delta adj Cortelan*) or delta cortef* or delta cortril* or "delta f" or "delta hycortol*" or "delta hydrocortisone*" or "delta ophticor*" or "delta stab" or delta-hydrocortison* or "delta1 dehydrocortisol*" or "delta1 dehydrohydrocortison*" or "delta1 hydrocortison*" or Deltacortef* or Deltacortenol* or Deltacortenolo* or Deltacortil* or Deltaderm* or Deltaglycortril* or Deltahycortol* or Deltahydrocortison* or Deltaophticor* or Deltasolon* or Deltason* or Deltastab* or Deltidrosol* or Deltisilon* or Deltisolon* or Deltolasson* or Deltolasson* or Deltoson* or Depopredat* or Depo predat* or Dermosolon* or "Derpo PD" or Dhasolon* or "di adreson f" or "Di-adreson F" or "di-adreson-f" or Diadreson* or Dicortol* or Domucorton* or Donisolon* or Dydeltron* or "Eazolin D" or Encortelon* or Equisolon* or Erbacort* or Erbasol* or Estilson* or Fernisolon* or Glistelon* or Hefasolon* or Hostacortin* or Hydeltre* or Hydeltreazol* or Hydeltretron* or Hydrelta* or Hydrocortancyl* or Hydrocortidelt* or Hydrodeltalon* or Hydrodeltison* or Hydroretrocortin* or Inflamas* or Inflanefran* or Insolon* or Keteocort* or Key pred* or Klismacort* or Lenisolon* or Lentoson* or Leocortol* or Liquipred* or "liquid pred" or lygal kopftinktur or mediasolon* or meprisolon* or meprisolon* or metacortalon* or metacortalon* or metacortandralon* or metacortandralon* or metacortelon* or meti derm* or meti-derm* or meticortelon* or metiderm* or Millipred* or Morlon* or Mydrapred* or neo delta* or nisolon* or opredson* or Orason* or Panafcortelon* or Panafort* or Paracortol* or Paracotol* or Pediapred* or Phlogex* or Poly-Pred* or PRDL or pre cortisyl* or preconin* or precortalon* or Precortancyl* or Precortilon* or Precortisyl* or Pred ject* or Predject* or Predacort* or Predalon* or Predartrin* or Predat* or Predeltilon* or Predisol* or Predisyr* or predne dom* or prednecort* or prednedom* or prednelan* or predni coelin* or predni h tablinen* or predni-helvacort* or Prednicen* or Prednicoelin* or Prednicort* or Prednicortelon* or prednifor drops* or Predniliderm* or Predniment* or Predniretard* or Prednis* or Prednisil* or Prednisolone* or prednisolon* or Prednisolonum* or Predniver* or Prednorsolon* or Prednorsolon* or Predonin* or Predonin* or Predorgasolon* or Predorgasolon* or Preflam* or Prelon* or Prenilon* or Prenin* or Prenolon* or Preventan* or Prezolon* or Rolison* or Rubycort* or Scherisolon* or Scherisolon* or Serilon* or Solondo* or Solon* or Solupren* or Solupren* or Spiricort* or Spolotan* or Steran* or Steran* or Sterolon* or Supercortisol* or Supercortizol* or Taracortelon* or Ulacort* or Ultracort* or Walesolon* or Wysolon* or NSC 9120 or NSC-9120 or NSC9120 or NSC 9900 or NSC-9900 or NSC9900 or CCRIS 980 or HSDB 3385 or HSDB-3385 or HSDB3385 or K 1557 or K1557 or 9PHQ9Y1OLM or 50-24-8) or (Adalimumab* or adalimumab-adaz or adalimumab-adbm or adalimumab-afzb or adalimumab-atto or adalimumab-bwwd or Hadlima* or Humira* or Imraldi* or Amjevita* or Cyltezo* or Trudexa* or abp-501 or ABP 501 or bcd-057 or bi-695501 or bi695501 or chs-1420 or d2e7 or gp-2017 or gp2017 or lu-200134 or lu200134 or m-923 or m923 or msb-11022 or msb11022 or ons-3010 or sb-5 or sb5 or fys6t7f842 or FYS6T7F842 or 331731-18-1 or Hulio* or Imraldi* or Hefiya* or Amgevita* or Idacio* or Hyrimoz* or Halimatoz* or Amsparity* or Erelzi* or Benepali* or Zessly* or Flixabi*) or	
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	(Certolizumab* or Cimzia* or CDP 870 or CDP-870 or CDP870 or PHA-738144 or pha 738144 or pha738144 or UMD07X179E or 428863-50-7) or (Etanercept* or etanercept-szzs or etanercept-ykro or Recombinant human TNF or rhu TNFR:Fc or rhu-TNFR:Fc or TNFR-Immunoaderhesin or TNFR Fc or "tnr 001" or tnr001 or Brenzys* or benepali* or Enbrel* or embrel* or Erelzi* or Davictrel* or Tunex* or altebrel* or CHS-0214 or DWP-422 or ENIA-11 or GP-2015 or GP2015 or GP2015C or HD-203 or HD203 or LBEC-0101 or LBEC0101 or SB-4 or SB4 or enia 11 or enia11 or OP401G7OJC or 185243-69-0 or 200013-86-1 or 2055118-96-0) or (Golimumab* or Simponi* or CNTO 148 or CNTO-148 or 91X1KLU43E or 476181-74-5) or (infliximab* or Infliximab-abda or Infliximab-axxq or Infliximab-dyyb or Infliximab-qbtx or Avsola* or Flixabi* or Inflectra* or Avsola* or avakine* or INFLIX* or ixifi* or Remicade* or Remsima* or Renflexis* or revellex* or zessly* or ABP 710 or ABP-710 or BOW-015 or BOW015 or CT-P10 or CT-P-13 or CT-P13 or GP 1111 or GP-1111 or PF-06438179 or "PF 06438179" or pf 6438179 or pf06438179 or pf6438179 or TA-650 or SB2 or B72HH48FLU or 170277-31-3) or (Bimekizumab* or UCB4940 or 09495UIM6V or 1418205-77-2) or (Ixekizumab* or taltz* or LY 2439821 or LY-2439821 or LY2439821 or BTY153760O or 1143503-69-8) or (secukinumab* or Cosentyx* or AIN-457 or AIN457 or AIN457A or DLG4EML025 or 1229022-83-6 or 875356-43-7 or 875356-44-8) or (filgotinib* or g 146034 or g 146034-101 or g146034 or g146034-101 or "glpg 0634" or glpg0634 or glpg-0634 or GS-6034 or 3XVL385Q0M or 1206161-97-8 or 1540859-07-1 or Jyseleca) or (Tofacitinib* or Tasocitinib* or Tofacitinibum* or Xeljanz* or Xeljanz or CP 690550 or CP- 690 550 or CP-690 or CP-690-550 or CP-690,550 or CP-690550 or CP690,550 or CP690550 or cp690550 10 or cp690550-10 or 87LA6FU830 or 477600-75-2 or 540737-29-9) or (risankizumab\$ or SKYRIZI\$) or (vedolizumab or ENTYVIO\$) or (ustekinumab or STELARA\$) or (ozanimod or ZEPOSIA\$ or RPC1063) or (mirikizumab or LY3074828) or (etrolizumab or rhuMAb Beta7) or (Guselkumab or Tremfya or TREMFYA\$) or (Brazikumab or MEDI2070 or AMG 139) or (Etrasimod or APD334) or (abatacept or Orencia or CTLA-4Ig or 332348-12-6) or (Tildrakizumab or Ilumya or Ilumetri) or (Apremilast or Otezla or CC-10004) or (Peficitinib or ASP015K) or (rituximab or Rituxan or Mabthera or 174722-31-7) or (tocilizumab or Actemra or RoActemra or 375823-41-9) or (sirukumab or CNTO-136 or CNTO136 or 1194585-53-9) or (sarilumab or Kevzara or SAR 153191 or SAR153191 or REGN 88 or REGN88 or 1189541-98-7) or (anakinra or Kineret or 143090-92-0)).mp.	
2	("JAK*" or "janus*" or "dmard*" or "bdmard*" or "tsdmard*" or "csdmard*" or "interleukin*" or "IL*" or "necrosis factor*" or "TNF*").mp.	5788
3	1 or 2	6652
4	Meta-Analysis.ti,ab.	2175
5	Network Meta-Analysis.ti,ab.	161
6	("meta-analys*" or "metaanalys*" or "meta analys*" or "metaregres*" or "meta-regres*" or "meta regres*" or "NMA*" or "Bucher*" or "MAIC*" or "matching adjusted*" or "matching-adjusted*" or "population-adjusted*" or "population adjusted*" or "STC*" or "simulated treatment compar*" or "indirect treatment compar*" or "indirect compar*" or "adjusted indirect comparison" or "indirect" or "indirectly" or "mixed treatment" or "multiple treatment" or "multiple comparison" or "cross-trial" or "cross-study").ti,ab.	3064
7	4 or 5 or 6	3064
8	("psoriatic arthritis" or "rheumatoid arthritis" or "ankylosing spondylitis" or "atopic dermatitis" or "ulcerative colitis" or "Crohn*").ti,ab.	271
9	3 and 7 and 8	60
10	limit 9 to last 5 years	17
11	remove duplicates from 10	17

Figure S1. Distribution of statistical significance in studies reporting safety outcomes for upadacitinib vs. active treatments and/or placebo (N=25)

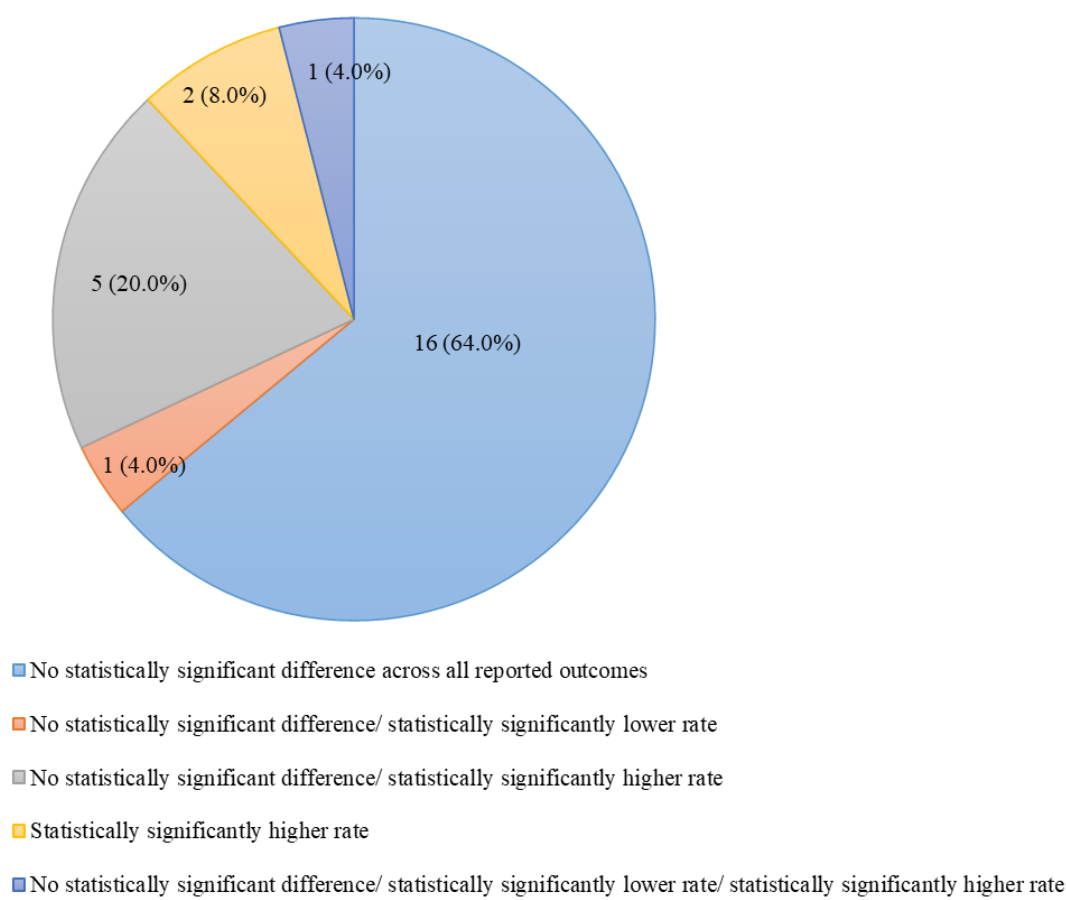


Figure S2. Distribution of statistical significance in studies reporting upadacitinib vs. active treatments (N=13)

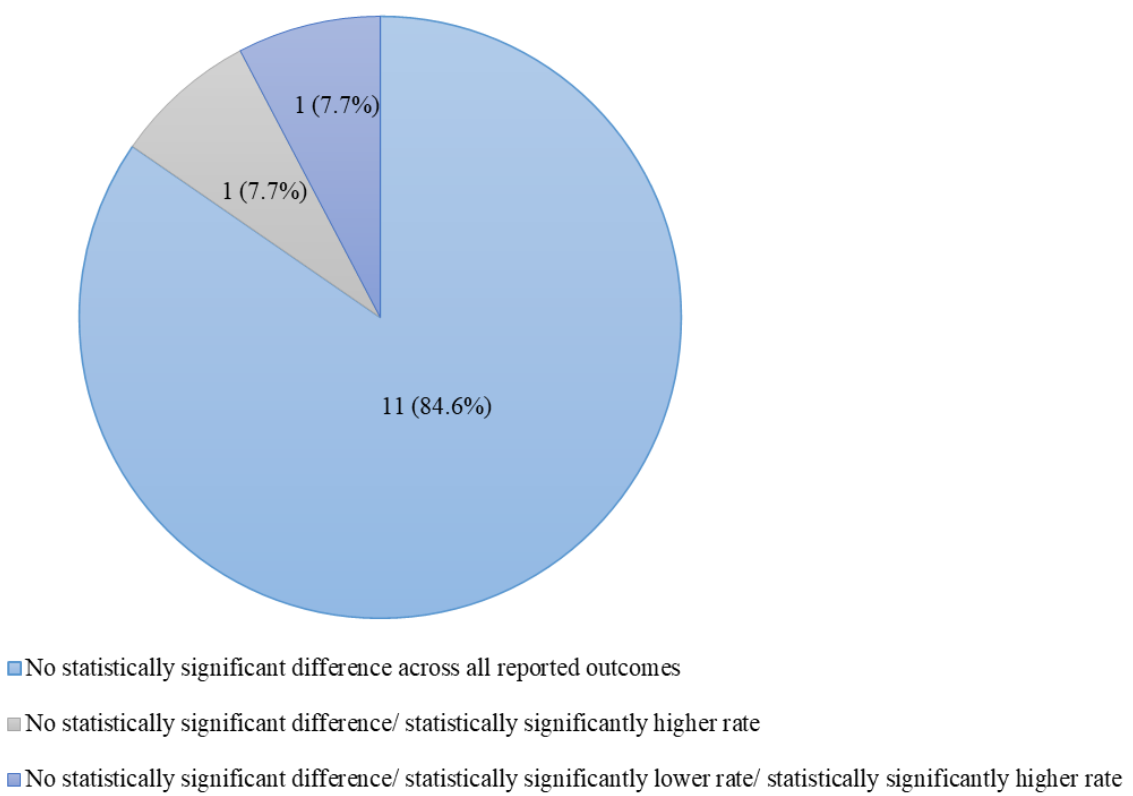


Figure S3. Distribution of statistical significance in studies reporting upadacitinib vs. placebo (N=20)

