

Appendix 2: Search strategies and results for The comparative efficacy and safety of alternative glucocorticoids regimens in patients with ANCA-associated vasculitis: A systematic review

Database	No of records
MEDLINE	2842
EMBASE	1233
Cochrane Library	377
Subtotal	4452
-dupes	-540
Total	3912

Database: OVID MEDLINE

-
- 1 Anti-Neutrophil Cytoplasmic Antibody-Associated Vasculitis/ (1682)
 - 2 Churg-Strauss Syndrome/ (2090)
 - 3 Microscopic Polyangiitis/ (507)
 - 4 Granulomatosis with Polyangiitis/ (6902)
 - 5 (vasculit* adj3 (ANCA or AAV or antineutrophil or anti-neutrophil or cytoplasm* or RLV or renal or churg or strauss or pauci immune)).mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] (4968)
 - 6 churg strauss.mp. (2876)
 - 7 ((angit* or vasculit*) adj3 (granulom* or necrot* or allergic)).mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] (4297)
 - 8 ((polyangiit* or polyarterit*) adj3 (microscop* or MPA or granulom*)).mp. (9268)
 - 9 wegner*.mp. (6572)
 - 10 (glomerulonephrit* adj3 necrot*).mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] (797)
 - 11 or/1-10 (18126)
 - 12 exp Glucocorticoids/ (190619)
 - 13 prednisolone/ or methylprednisolone/ (49855)
 - 14 Prednisone/ (39084)
 - 15 Adrenal Cortex Hormones/ (63823)

- 16 (corticosteroid* or glucocorticoid* or methylprednisolon* or prednison* or prednisolon*).mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] (283874)
- 17 Corticosterone/ or corticosteron*.mp. (34191)
- 18 Hydrocortisone/ or hydrocortison*.mp. (76765)
- 19 Cortisone/ or cortison*.mp. (23710)
- 20 steroids.mp. or Steroids/ (112972)
- 21 Cortodoxone/ or cortodoxon*.mp. (856)
- 22 Hydroxycorticosteroids/ or hydroxycorticosteroid*.mp. (6731)
- 23 Dexamethasone/ or dexamethason*.mp. (71052)
- 24 adrenocorticosteroid*.mp. (313)
- 25 adrenocorticoid*.mp. (177)
- 26 corticoid*.mp. (6458)
- 27 or/12-26 (547377)
- 28 11 and 27 (4782)
- 29 randomized controlled trial.pt. (503644)
- 30 controlled clinical trial.pt. (93611)
- 31 randomized.ab. (475606)
- 32 placebo.ab. (206694)
- 33 drug therapy.fs. (2193818)
- 34 randomly.ab. (330775)
- 35 trial.ab. (501000)
- 36 groups.ab. (2031658)
- 37 or/29-36 (4675601)
- 38 exp animals/ not humans.sh. (4689197)
- 39 37 not 38 (4053127)
- 40 28 and 39 (2842)

Database: EMBASE

- 1 ANCA associated vasculitis/ (5871)
- 2 Churg Strauss syndrome/ (4947)
- 3 microscopic polyangiitis/ (3039)
- 4 Wegener granulomatosis/ (12860)
- 5 (vasculit* adj3 (ANCA or AAV or antineutrophil or anti-neutrophil or cytoplasm* or RLV or renal or churg or strauss or pauci immune)).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] (9651)
- 6 churg strauss.mp. (5425)
- 7 ((angiit* or vasculit*) adj3 (granulom* or necrot* or allergic)).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] (7160)
- 8 ((polyangiit* or polyarterit*) adj3 (microscop* or MPA or granulom*)).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] (7171)
- 9 wegener*.mp. (14257)
- 10 (glomerulonephrit* adj3 necrot*).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] (1243)
- 11 or/1-10 (29983)
- 12 exp glucocorticoid/ (700322)
- 13 prednisolone/ (122582)
- 14 methylprednisolone/ (93152)
- 15 prednisone/ (167298)
- 16 corticosteroid/ (229322)
- 17 (corticosteroid* or glucocorticoid* or methylprednisolon* or prednison* or prednisolon*).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] (688798)
- 18 corticosterone/ or corticosteron*.mp. (38497)
- 19 hydrocortisone/ or hydrocortison*.mp. (135041)
- 20 cortisone/ or cortison*.mp. (17205)
- 21 steroids.mp. or steroid/ (245681)
- 22 cortodoxone/ or cortodoxon*.mp. (2044)
- 23 hydroxycorticosteroid*.mp. or hydroxycorticosteroid/ (2310)
- 24 dexamethasone/ or dexamethason*.mp. (161446)
- 25 adrenocorticosteroid*.mp. (286)
- 26 adrenocorticoid*.mp. (169)
- 27 corticoid*.mp. (7745)
- 28 or/12-27 (1111323)
- 29 11 and 28 (13676)
- 30 randomized controlled trial/ (598366)
- 31 Controlled clinical study/ (463908)
- 32 random\$.ti,ab. (1520687)
- 33 randomization/ (86548)
- 34 intermethod comparison/ (258594)
- 35 placebo.ti,ab. (303776)
- 36 (compare or compared or comparison).ti. (505122)
- 37 ((evaluated or evaluate or evaluating or assessed or assess) and (compare or compared or comparing or comparison)).ab. (2085158)
- 38 (open adj label).ti,ab. (78322)
- 39 ((double or single or doubly or singly) adj (blind or blinded or blindly)).ti,ab. (230181)
- 40 double blind procedure/ (171296)
- 41 parallel group\$1.ti,ab. (25234)

- 42 (crossover or cross over).ti,ab. (104111)
 43 ((assign\$ or match or matched or allocation) adj5 (alternate or group\$1 or intervention\$1 or patient\$1 or subject\$1 or participant\$1)).ti,ab. (326088)
 44 (assigned or allocated).ti,ab. (383843)
 45 (controlled adj7 (study or design or trial)).ti,ab. (343989)
 46 (volunteer or volunteers).ti,ab. (244774)
 47 human experiment/ (490852)
 48 trial.ti. (296188)
 49 or/30-48 (4957675)
 50 29 and 49 (1233)

Database: Cochrane Library

ID	Search Hits
#1	MeSH descriptor: [Anti-Neutrophil Cytoplasmic Antibody-Associated Vasculitis] explode all trees 157
#2	MeSH descriptor: [Churg-Strauss Syndrome] explode all trees 27
#3	MeSH descriptor: [Microscopic Polyangiitis] explode all trees 40
#4	MeSH descriptor: [Granulomatosis with Polyangiitis] explode all trees 82
#5	vasculit* near/3 (ANCA or AAV or antineutrophil or anti-neutrophil or cytoplasm* or RLV or renal or churg or strauss or pauci immune) 470
#6	churg strauss 112
#7	((angiit* or vasculit*) near/3 (granulom* or necrot* or allergic)) 102
#8	((polyangiit* or polyarterit*) near/3 (microscop* or MPA or granulom*)) 277
#9	wegener* 394
#10	(glomerulonephrit* near/3 necrot*) 13
#11	#1 or #2 or #3 or #4 or #5 or #6 or #7 or #8 or #9 or #10 867
#12	MeSH descriptor: [Glucocorticoids] explode all trees 4445
#13	MeSH descriptor: [Prednisolone] explode all trees 4804
#14	MeSH descriptor: [Methylprednisolone] explode all trees 2679
#15	MeSH descriptor: [Prednisone] explode all trees 3909
#16	MeSH descriptor: [Adrenal Cortex Hormones] explode all trees 14135
#17	corticosteroid* or glucocorticoid* or methylprednisolon* or prednison* or prednisolon* 41757
#18	MeSH descriptor: [Corticosterone] explode all trees 38
#19	MeSH descriptor: [Hydrocortisone] explode all trees 5886
#20	MeSH descriptor: [Cortisone] explode all trees 143
#21	MeSH descriptor: [Steroids] explode all trees 57500
#22	MeSH descriptor: [Cortodoxone] explode all trees 30
#23	MeSH descriptor: [Cortodoxone] explode all trees 30
#24	MeSH descriptor: [Hydroxycorticosteroids] explode all trees 7002
#25	MeSH descriptor: [Dexamethasone] explode all trees 4409

#26 corticosteron* or hydrocortison or cortison* or steroids or cortodoxon* or hydroxycorticosteroid* or dexamethason* or adrenocorticosteroid* or adrenocorticoid* or corticoid* 22688

#27 #12 or #13 or #14 or #15 or #16 or #17 or #18 or #19 or #20 or #21 or #22 or #23 or #24 or #25 or #26 95898

#28 #11 and #27 in Trials 377