

Appendix 1

Search Strategies

Cochrane Central Register of Controlled Trials (CENTRAL)

CENTRAL searched via Cochrane Library Interface on 18/05/11

1	MeSH descriptor Lupus Erythematosus, Systemic explode all trees	418
2	(lupus NEAR/3 erythematosus) or (systemic* NEAR/3 lupus) or (SLE)	630
3	(#1 OR #2)	703
4	belimumab OR benlysta	6
5	(#3 AND #4)	4

Medline

Medline searched via Ovid Interface on 19/05/11

1	exp Lupus Erythematosus, Systemic/	42025
2	(lupus adj3 erythematosus).tw.	35497
3	(systemic* adj3 lupus).tw.	31639
4	1 or 2 or 3	50358
5	belimumab.mp.	68
6	benlysta.mp.	3
7	5 or 6	68
8	4 and 7	48
9	randomized controlled trial.pt.	305892
10	controlled clinical trial.pt.	82328
11	randomized.ab.	212836
12	placebo.ab.	124063
13	clinical trials as topic.sh.	153987
14	randomly.ab.	154440
15	trial.ti.	91188
16	9 or 10 or 11 or 12 or 13 or 14 or 15	711420
17	exp animals/ not humans.sh.	3582822
18	16 not 17	656689
19	8 and 18	24

RCT search filter used: Cochrane Highly Sensitive Search Strategy for identifying randomized trials in MEDLINE: sensitivity- and precision-maximizing version (2008 revision); Ovid format. Box 6.4.b in the Cochrane handbook. Reference: Higgins JPT, Green S (editors). *Cochrane Handbook for Systematic Reviews of Interventions* Version 5.1.0 [updated March 2011]. The Cochrane Collaboration, 2011. Available from www.cochrane-handbook.org

Medline In-process

Medline In-Process searched via Ovid Interface on 19/05/11

1	exp Lupus Erythematosus, Systemic/	0
2	(lupus adj3 erythematosus).tw.	1213
3	(systemic* adj3 lupus).tw.	873
4	1 or 2 or 3	1236
5	belimumab.mp.	8
6	benlysta.mp.	4
7	5 or 6	10
8	4 and 7	6

Embase

1	belimumab.mp.orexpbelumab/	427
2	benlysta.mp.	24
3	1 or 2	428
4	exp systemic lupus erythematosus/	50906
5	(lupus adj3 erythematosus).tw.	40637
6	(systemic: adj3 lupus).tw.	36554
7	4 or 5 or 6	59739
8	3 and 7	302
9	random:.tw.	632763
10	placebo:.mp.	250140
11	double-blind:.tw.	116148
12	9 or 10 or 11	796900
13	8 and 12	144

RCT search filter used: Wong, et al. (2006) Best optimization of sensitivity and specificity.
Reference: Wong SS, Wilczynski NL, Haynes RB. Developing optimal search strategies for detecting clinically sound treatment studies in EMBASE. J Med Libr Assoc. 2006 Jan;94(1):41-7. PubMed PMID: 16404468; PubMed Central PMCID: PMC1324770.