**Search Strategies**

1 (Randomized Controlled Trial or Controlled Clinical Trial or Pragmatic Clinical Trial or Clinical Study or Adaptive Clinical Trial or Equivalence Trial).pt.

2 (Clinical Trial or Clinical Trial, Phase I or Clinical Trial, Phase II or Clinical Trial, Phase III or Clinical Trial, Phase IV or Clinical Trial Protocol).pt.

3 Multicenter Study.pt.

4 Clinical Studies as Topic/

5 exp Clinical Trial/ or exp Clinical Trials as Topic/ or Clinical Trial Protocol/ or Clinical Trial Protocols as Topic/ or exp "Clinical Trial (topic)"/

6 Multicenter Study/ or Multicenter Studies as Topic/ or "Multicenter Study (topic)"/

7 Randomization/

8 Random Allocation/

9 Double-Blind Method/

10 Double Blind Procedure/

11 Double-Blind Studies/

12 Single-Blind Method/

13 Single Blind Procedure/

14 Single-Blind Studies/

15 Placebos/

16 Placebo/

17 Control Groups/

18 Control Group/

19 Cross-Over Studies/ or Crossover Procedure/

20 (random\* or sham or placebo\*).ti,ab,hw,kf.

21 ((singl\* or doubl\*) adj (blind\* or dumm\* or mask\*)).ti,ab,hw,kf.

22 ((tripl\* or trebl\*) adj (blind\* or dumm\* or mask\*)).ti,ab,hw,kf.

23 (control\* adj3 (study or studies or trial\* or group\*)).ti,ab,hw,kf.

24 (clinical adj3 (study or studies or trial\*)).ti,ab,hw,kf. 7150541

25 (Nonrandom\* or non random\* or non-random\* or quasi-random\* or quasirandom\*).ti,ab,hw,kf.

26 (phase adj6 (study or studies or trial\*)).ti,ab,hw,kf.

27 ((crossover or cross-over) adj3 (study or studies or trial\*)).ti,ab,hw,kf.

28 ((multicent\* or multi-cent\*) adj3 (study or studies or trial\*)).ti,ab,hw,kf.

29 allocated.ti,ab,hw.

30 ((open label or open-label) adj5 (study or studies or trial\*)).ti,ab,hw,kf.

31 ((equivalence or superiority or non-inferiority or noninferiority) adj3 (study or studies or trial\*)).ti,ab,hw,kf.

32 (pragmatic study or pragmatic studies).ti,ab,hw,kf.

33 ((pragmatic or practical) adj3 trial\*).ti,ab,hw,kf.

34 ((quasiexperimental or quasi-experimental) adj3 (study or studies or trial\*)).ti,ab,hw,kf.

35 trial.ti,kf.

36 or/1-35

37 exp animals/

38 exp animal experimentation/

39 exp models animal/

40 exp animal experiment/

41 nonhuman/

42 exp vertebrate/

43 or/37-42

44 exp humans/

45 exp human experiment/

46 or/44-45

47 43 not 46

48 36 not 47

49 exp aged/ or middle aged/

50 (old\* or senior\* or geriatric\* or adult\* or elder\* or (aged adj "50")).ti,ab,kf.

51 49 or 50

52 (Cognitive therap\* or cognitive intervention or cognitive training or cognitive restoration or cognitive retraining or cognitive re-training or cognitive stimulation or cognitive rehabilitation or cognitive remediation or memory training).ti,ab,kf.

53 cognitive remediation therapy/

54 "cognitive enhancement therap\*".ti,ab,kf.

55 CRT.ti,ab,kf.

56 52 or 53 or 54 or 55

57 48 and 51 and 56

58 exp dementia/ or mild cognitive impairment/

59 Lewy body/

60 (dement\* or alzheimer\* or (lewy\* adj2 bod\*) or (cognit\* adj2 impair\*)).ti,ab,kf.

61 MCI.ti,ab,kf.

62 58 or 59 or 60 or 61

63 57 and 58

64 limit 63 to english language

65 (cognitive adj2 (improv\* or output\*)).mp.

66 64 and 65

67 MMSE

68 66 and 67