S2 Table. Search Strategies for LTC + 5 Senses – Updated Search
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PubMed: 645 + 0*
Medline (Ovid): 1024 + 1244
CENTRAL (Ovid): 92 + 240
PsycINFO (Ovid): 724 + 858
EMBASE (Ovid): 1562 + 2109
CINAHL (EBSCOhost): 58 + 1531
AgeLine (EBSCOhost): 61 + 730

All: 4166 + 6712 = 10 878
After removal of duplicates: 5551

*All of PubMed is now found in Medline, and the MESH terms are now the same therefore only Medline updated.

Medline & CENTRAL Search Strategy (note: tw = title & abstract in Medline)
1. Assisted Living Facility/
2. (assist* adj3 living facilit*).tw.
3. exp Residential Facilities/
4. exp Homes for the Aged/
5. exp Nursing Homes/
6. exp Group Homes/
7. (group adj2 home*).tw.
8. (extended care adj2 facilit*).tw.
9. (long-term care adj2 facilit*).tw.
10. (care adj2 (home* or facilit*)).tw.
11. (rest adj2 home*).tw.
12. (residential adj2 (home* or care or facilit*)).tw.
13. (geriatric adj2 (home* or unit* or facilit* or institution*)).tw.
14. (nursing adj2 (home*1 or unit*1 or center*1 or centre*1)).tw.
15. or/1-14
16. sensation*.tw.
17. organoleptic*.tw.
18. hearing.tw.
19. audition.tw.
20. smell.tw.
21. (scent* or odo?r*).tw.
22. olfaction.tw.
23. taste*.tw.
24. gustation*.tw.
25. touch.tw.
26. taction*.tw.
27. (tactile adj2 sense*).tw.
Sensation/
sight.tw.
Hearing/ or Vision, Ocular/ or Smell/ or Taste/ or Touch/
Sound/ or Noise/ or Lighting/
or/16-31
15 and 32

PsycINFO
1. (assist* adj3 living facilit*).tw.
2. exp Residential Care Institutions/
3. exp Nursing Homes/
4. exp Group Homes/
5. (group adj2 home*).tw.
6. (extended care adj2 facilit*).tw.
7. (long-term care adj2 facilit*).tw.
8. (care adj2 (home* or facilit*)).tw.
9. (rest adj2 home*).tw.
10. (residential adj2 (home* or care or facilit*)).tw.
11. (geriatric adj2 (home* or unit* or facilit* or institution*)).tw.
12. (nursing adj2 (home*1 or unit*1 or center*1 or centre*1)).tw.
or/1-12
14. sensation*.tw.
15. organoleptic*.tw.
16. hearing.tw.
17. audition.tw.
18. smell.tw.
19. (scent* or odo?r*).tw.
20. olfaction.tw.
21. taste*.tw.
22. gustation*.tw.
23. touch.tw.
24. taction*.tw.
25. (tactile adj2 sense*).tw.
26. Sensation/
27. sight.tw.
28. Hearing/ or Vision, Ocular/ or Smell/ or Taste/ or Touch/
29. Sound/ or Noise/ or Lighting/
or/14-29
31. 13 and 30

EMBASE
1. Assisted Living Facility/
2. (assist* adj3 living facil*).tw.
3. exp Residential Facilities/
4. exp Homes for the Aged/
5. exp Nursing Homes/
6. exp Group Homes/
7. (group adj2 home*).tw.
8. (extended care adj2 facilit*).tw.
9. (long-term care adj2 facilit*).tw.
10. (care adj2 (home* or facilit*)).tw.

11. (rest adj2 home*).tw.
12. (residential adj2 (home* or care or facilit*)).tw.
13. (geriatric adj2 (home* or unit* or facilit* or institution*)).tw.
14. (nursing adj2 (home*1 or unit*1 or center*1 or centre*1)).tw.
15. or/1-14
16. sensation*.tw.
17. organoleptic*.tw.
18. hearing.tw.
19. audition.tw.
20. smell.tw.
21. (scent* or odo?r*).tw.
22. olfaction.tw.
23. taste*.tw.
24. gustation*.tw.
25. touch.tw.
26. taction*.tw.
27. (tactile adj2 sense*).tw.
28. Sensation/
29. sight.tw.
30. Hearing/ or Vision, Ocular/ or Smell/ or Taste/ or Touch/
31. Sound/ or Noise/ or Lighting/
32. or/16-31
33. 15 and 32

CINAHL – all that are not subject lines searched in title OR abstract OR subject
S1    (MH "Nursing Homes+") OR (MH "Long Term Care")
S2    (MH "Residential Care")
S3    (assist* N3 living facility*)
S4    (group N2 home*)
S5    (extended care N2 facilit*)
S6    (long-term care N2 facilit*)
S7    (care N2 (home* or facilit*))
S8    (rest N2 home*)
S9    (residential N2 (home* or care or facilit*))
S10   (geriatric N2 (home* or unit* or facilit* or institution*))
S11   (nursing N2 (home or homes or unit or units or center or centers or centre or centres))
S12   (MH "Hearing") OR (MH "Touch") OR (MH "Vision") OR (MH " Taste") OR (MH "Smell") OR (MH "Sound") OR (MH " Noise") OR (MH “Lighting”) OR (MH “Sensation”)
S13   sensation*
S14   organoleptic*
S15 hearing
S16 sight
S17 audition
S18 smell
S19 (scent* or odor* or odour*)
S20 olfaction
S21 tast*
S22 gustat*
S23 touch
S24 taction*
S25 (tactile N2 sense*)
S26 S1 OR S2 OR S3 OR S4 OR S5 OR S6 OR S7 OR S8 OR S9 OR S10 OR S11
S27 S12 OR S13 OR S14 OR S15 OR S16 OR S17 OR S18 OR S19 OR S20 OR S21 OR S22 OR S23 OR S24 OR S25
S28 S26 AND S27

AgeLine – is keywords only (no MESH headings) – all lines searched in title OR abstract OR subject
S1 (assist* N3 living facility*)
S2 (group N2 home*)
S3 (extended care N2 facility*)
S4 (long-term care N2 facilit*)
S5 (care N2 (home* or facilit*))
S6 (rest N2 home*)
S7 (residential N2 (home* or care or facilit*))
S8 (geriatric N2 (home* or unit* or facilit* or institution*))
S9 (nursing N2 (home or homes or unit or units or center or centers or centre or centres))
S10 sensation*
S11 organoleptic*
S12 hearing
S13 sight
S14 audition
S15 smell
S16 (scent* or odor* or odour*)
S17 olfaction
S18 tast*
S19 gustat*
S20 touch
S21 taction*
S22 (tactile N2 sense*)
S23 S1 OR S2 OR S3 OR S4 OR S5 OR S6 OR S7 OR S8 OR S9
S24 S10 OR S11 OR S12 OR S13 OR S14 OR S15 OR S16 OR S17 OR S18 OR S19 OR S20 OR S21 OR S22
S28 S23 AND S24