

Supplementary file 1: Search strategy

MEDLINE 1946 to Present, MEDLINE(R) In-Process & Other Non-Indexed Citations, EBM Reviews - Cochrane Central Register of Controlled Trials (platform OVID)

1. exp Dentistry/

2. exp Tooth Diseases/

3. Oral Health/

4. Oral Hygiene/

5. ((oral or dental or mouth) adj (health or care or hygiene)).mp.

6. or/1-5

7. Nurses' Aides/

8. (Care aide* or Care Attendant* or Care Guide* or paid caregiver* or Certified Nursing Assistant* or CNA* or Client Care Attendant* or Direct care worker* or Client Care Attendant* or Geriatric Health Aide* or Health Care Assistant* or Health Care Assistant* or Institutional Aide* or Medical Assistant* or Nurses aide* or Nursing assistant* or Nursing attendant* or Nursing home aide* or Personal Care Attendant*).tw.

9. (Personal Care Nurse* or Personal Care Assistant* or Personal Care Attendant* or Personal support worker* or Residential Aide*).tw.

10. (caregiver* and (nursing home* or residence* or residential or long term care or facility or facilities or institution*)).mp.

11. or/7-10

12. 6 and 11

13. Geriatric Nursing/ or nursing homes/ or Intermediate Care Facilities/ or skilled nursing facilities/ or homes for the aged/ or "Institutionalization"/

14. (nursing adj (home* or center* or centre* or facilit*)).tw.

15. ((extended or long term or intermediate or skilled or assisted or supportive) adj care).tw.

16. ((extended or long term or intermediate or skilled or assisted or supportive) adj facilit*).tw. or ((assisted) adj living).tw

17. ((elderly or senior* or geriatric or veteran*) adj3 (institution* or home* or facilit* or unit* or center* or centre*)).tw.

18. (rest adj2 home*).tw.

19. convalescen* home*.tw.

20. assisted care facilit*.tw.

21. continuing care.tw.

22. residential care.tw.

23. or/13-22

24. 6 and 23

25. exp Child/

26. (child* or boy* or girl* or p?ediatric* or teen* or youth* or adolescen*).mp.

27. 25 or 26

28. exp aged/

29. (senior* or elder* or geriatric* or gerontolog*).mp.

30. 28 or 29

31. 27 and 30

32. 27 not 31

33. 24 not 32

34. 33 or 12

35. remove duplicates from 34

CINAHL (platform EBSCOhost)

- S1 (MH "Dentistry+") OR (MH "Tooth Diseases+") OR (MH "Oral Health") OR (MH "Oral Hygiene+") OR (MH "Dental Hygiene")
-
- S2 (oral W0 (health or care or hygiene)) OR (dental W0 (health or care or hygiene)) OR (mouth W0 (health or care or hygiene))
-
- S3 S1 OR S2
-
- S4 (MH "Nursing Assistants") OR (MH "Nursing Home Personnel")
-
- S5 ("Care aide*" or "Care Attendant*" or "Care Guide*" or "paid caregiver*" or "Certified Nursing Assistant*") OR (CNA* or "Client Care Attendant*" or "Direct care worker*" or "Client Care Attendant*" or "Geriatric Health Aide*") OR ("Health Care Assistant*" or "Health Care Assistant*" or "Institutional Aide*" or "Medical Assistant*") OR ("Nurs* aide*" or "Nurs* assistant*" or "Nurs* attendant*" or "Nurs* home aide*" or "Personal Care Attendant*")
-
- S6 "Personal Care Nurse*" or "Personal Care Assistant*" or "Personal Care Attendant*" or "Personal support worker*" or "Residential Aide*"
-
- S7 (MH "Gerontologic Nursing+") OR (MH "Nursing Homes+")
-
- S8 (MH "Nursing Home Patients") OR (MH "Institutionalization+")
-
- S9 nursing W0 (home* or center* or centre* or facilit*)
-
- S10 "extended care" or "long term care" or "intermediate care" or "skilled care" or "assisted care" or "assisted living" or "supportive care"
-
- S11 (extended or "long term" or intermediate or skilled or assisted or supportive) W2 facilit*
-
- S12 ((elderly or senior* or geriatric or veteran*) N3 institution*) OR ((elderly or senior* or geriatric or veteran*) N3 home*) OR ((elderly or senior* or geriatric or veteran*) N3 facilit*) OR ((elderly or senior* or geriatric or veteran*) N3 unit*) OR ((elderly or senior* or geriatric or veteran*) N3 center*) OR ((elderly or senior* or geriatric or veteran*) N3 centre*)
-
- S13 "rest home*" OR "convalescen* home*" OR "assisted care facilit*" OR "continuing care" OR "residential care"
-
- S14 S4 OR S5 OR S6 OR S7 OR S8 OR S9 OR S10 OR S11 OR S12 OR S13
-
- S15 S3 AND S14
-
- S16 S3 AND S14
Limiters - Research Article
-
- S17 senior* or older* or gerontolog* or geriatric* or elder*
-
- S18 S16 AND S17
-
- S19 S3 AND S14
-
- S20 S18 OR S19

Web of Science Core Collection

- #1 TS=("oral health" OR "oral care" OR "oral hygiene" OR dentistry OR "dental health" OR "dental care" OR "dental hygiene")
-
- #2 TS=("Care aide*" or "Care Attendant*" or "Care Guide*" or "paid caregiver*" or "Certified Nursing Assistant*" or CNA* or "Client Care Attendant*" or "Direct care worker*" or "Geriatric Health Aide*" or "Health Care Assistant*" or "Health Care Assistant*" or "Institutional Aide*" or "Medical Assistant*" or "Nurs* aide*" or "Nurs* assistant*" or "Nurs* attendant*" or "Nurs* home aide*" or "Personal Care Attendant*" or "personal support worker*")
-
- #3 TS=("nursing home*" or "residential care" or "continuing care" or facilit* or residence or residential or "long term care" or institution* or "assisted care" or "assisted living" or "supportive care")
-
- #4 #2 OR #3
-
- #5 #1 AND #4