

Appendix 1. Search strategy

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#1 "Aged"[Mesh] OR "Health Services for the Aged"[Mesh] OR "Homes for the Aged"[Mesh] OR "Long-Term Care"[Mesh] OR "Nursing Homes"[Mesh]

#2 (advanced years OR ageing OR aging OR elder* OR elderly OR frail OR geriatric* OR gerontolog* OR "later life" OR "nursing care" OR "nursing home" OR "old age" OR "oldest old" OR pensioner* OR postmenopausal OR post-menopausal OR senior OR seniors) [Title/Abstract]

#3 (old* ADJ3 (adult* OR female* OR male* OR men OR patient* OR people OR person* OR resident* OR women)) [Title/Abstract]

#4 ("65 year*" OR "over 65" OR "over 70" OR "over 75" OR "over 80" OR "over 85" OR "85 year*") [Title/Abstract]

#5 (aged OR aging OR ageing OR elder* OR geriatric* OR gerontolog*) [Journal Title] OR (aged OR aging OR ageing OR elder* OR geriatric* OR gerontolog*) [Other Term]

#6 #1 OR #2 OR #3 OR #4 OR #5

#7 "Oral Health"[Mesh]

#8 "Stomatognathic Diseases"[Mesh] OR "Mouth Diseases"[Mesh] OR "Periodontal Diseases"[Mesh]

#9 ((dental OR tooth OR teeth OR enamel OR root*) AND (decay* OR caries OR carious OR "white spot*" OR plaque OR reminerali* OR deminerali* OR erosion* OR abrasion* OR wear)) [Title/Abstract]

#10 (denture* AND (clean* OR cleans*)) [Title/Abstract]

#11 (periodont* OR gingivi* OR gingiva*) [Title/Abstract]

#12 (stomatitis OR "mouth ulcer*" OR "oral ulcer*" OR (oral ADJ5 candidiasis) OR (mouth* ADJ5 candidiasis) OR "aphthous ulcer*" OR (aphthae ADJ3 ulcer*) OR (mucositis ADJ5 mouth*) OR (mucositis ADJ5 oral) OR xerostomia OR "dry mouth*") [Title/Abstract]

#13 ((oral ADJ5 health*) OR (mouth ADJ5 health*) OR (dental ADJ5 health*)) [Title/Abstract]

#14 "Mouth Neoplasms"[Mesh] OR "Lip Neoplasms"[Mesh] OR "Tongue Neoplasms"[Mesh]

#15 (("oral cancer*" OR (gingiv* OR mouth OR lip OR lips OR tongue* OR "salivary gland*" OR palat* OR parotid* OR sublingual OR submandibular)) AND (cancer* OR carcinoma* OR neoplasm* OR tumour* OR tumor* OR lesion* OR malignan*)) [Title/Abstract]

#16 leukoplakia[MeSH] OR leukoplak* [Title/Abstract]

#17 "hairy tongue"[MeSH] OR "hairy tongue*" [Title/Abstract]

#18 "Oral Hygiene"[Mesh] OR "Toothbrushing"[Mesh]

#19 "Mouthwashes"[Mesh]

#20 "Dentifrices"[Mesh]

#21 ("oral hygiene" OR (mouth* ADJ3 care) OR (dental ADJ3 care) OR (care ADJ3 teeth) OR (mouth* ADJ3 hygiene) OR (plaque ADJ3 control*) OR (plaque ADJ3 remov*)) [Title/Abstract]

#22 (toothbrush* OR "tooth-brush*" OR toothpaste* OR dentifrice* OR mouthwash* OR "mouth-wash*" OR mouthrinse* OR "mouth-rinse*" OR fluoride*) [Title/Abstract]

#23 (floss* OR "interdental brush*" OR "inter-dental brush*" OR (tooth ADJ5 clean*) OR (teeth ADJ5 clean*) OR (denture* ADJ5 hygien*) OR (denture* ADJ5 clean*) OR (tongue* ADJ5 scrap*))

OR (tongue* ADJ5 brush*) OR (chewing ADJ5 stick*) OR (chewing ADJ5 gum*)) [Title/Abstract]
#24 ((oral ADJ3 care) OR (oral ADJ3 "self care")) [Title/Abstract]
#25 "Xerostomia" [Mesh] OR xerostomia [Title/Abstract]
#26 (dry* ADJ2 (oral OR mouth*)) [Title/Abstract]
#27 (asialia OR "salivary gland hypofunction" OR hyposaliv*) [Title/Abstract]
#28 "Deglutition Disorders" [Mesh]
#29 (Dysphagia* OR swallow* OR deglutition*) [Title/Abstract]
#30 #7 OR #8 OR #9 OR #10 OR #11 OR #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 OR #27 OR #28 OR #29
#31 #6 AND #30