

Table 10: Database parameters, filters and limits applied

Database	Dates searched	Search filter used
Medline (OVID)	1946 – 08 January 2023	Randomised controlled trials Systematic review studies Exclusions (animal studies, letters, comments, editorials, case studies/reports) English language
Embase (OVID)	1974 – 08 January 2023	Randomised controlled trials Systematic review studies Exclusions (animal studies, letters, comments, editorials, case studies/reports, conference abstracts) English language
The Cochrane Library (Wiley)	Cochrane Reviews to 2023 Issue 1 of 12 CENTRAL to 2023 Issue 1 of 12	Exclusions (clinical trials, conference abstracts)
Epistemonikos (The Epistemonikos Foundation)	Inception – 08 January 2023	Exclusions (Cochrane reviews) English language

Medline (Ovid) search terms

1.	exp Stroke/
2.	Stroke Rehabilitation/
3.	exp Cerebral Hemorrhage/
4.	(stroke or strokes or cva or poststroke* or apoplexy or "cerebrovascular accident").ti,ab.
5.	((cerebro* or brain or brainstem or cerebral*) adj3 (infarct* or accident*)).ti,ab.
6.	"brain attack*".ti,ab.
7.	or/1-6
8.	letter/

9.	editorial/
10.	news/
11.	exp historical article/
12.	Anecdotes as Topic/
13.	comment/
14.	case report/
15.	(letter or comment*).ti.
16.	or/8-15
17.	randomized controlled trial/ or random*.ti,ab.
18.	16 not 17
19.	animals/ not humans/
20.	exp Animals, Laboratory/
21.	exp Animal Experimentation/
22.	exp Models, Animal/
23.	exp Rodentia/
24.	(rat or rats or mouse or mice or rodent*).ti.
25.	or/18-24
26.	7 not 25
27.	limit 26 to English language
28.	Oral health/
29.	exp Oral hygiene/
30.	((dental or oral or buccal cavity or periodontal or interdental) adj3 (device* or care or caring or hygien* or prophylaxis or health* or brush* or clean* or "look* after" or intervention* or treatment*)).ti,ab.
31.	((gum* or mouth or teeth or tooth or denture*) adj3 (care or caring or hygien* or prophylaxis or health* or brush* or clean* or "look* after")).ti,ab.
32.	((dental or oral or buccal cavity or periodontal or interdental or gum* or mouth or teeth or tooth or denture*) adj3 (educ* or inform* or instruct* or deliver* or carer*)).ti,ab.
33.	Chlorhexidine/
34.	(toothbrush* or toothpaste* or tooth paste* or dental floss* or water irrigat* or water pick* or gingival stimulator* or mouth wash* or mouthwash* or mouth rins* or mouthrins* or chlorhexidine or plaque remov*).ti,ab.
35.	((dental or oral or periodontal or gum*) and disease*).ti,ab.
36.	((dental or tooth or teeth) and (caries or decay*)).ti,ab.
37.	(breath adj (bad or smell* or odour or odor)).ti,ab.
38.	(gingivitis or halitosis).ti,ab.
39.	or/28-38
40.	27 and 39
41.	randomized controlled trial.pt.
42.	controlled clinical trial.pt.
43.	randomi#ed.ti,ab.
44.	placebo.ab.
45.	randomly.ti,ab.
46.	Clinical Trials as topic.sh.
47.	trial.ti.
48.	or/41-47

49.	Meta-Analysis/
50.	exp Meta-Analysis as Topic/
51.	(meta analy* or metanaly* or metaanaly* or meta regression).ti,ab.
52.	((systematic* or evidence*) adj3 (review* or overview*)).ti,ab.
53.	(reference list* or bibliograph* or hand search* or manual search* or relevant journals).ab.
54.	(search strategy or search criteria or systematic search or study selection or data extraction).ab.
55.	(search* adj4 literature).ab.
56.	(medline or pubmed or cochrane or embase or psychlit or psyclit or psychinfo or psycinfo or cinahl or science citation index or bids or cancerlit).ab.
57.	cochrane.jw.
58.	((multiple treatment* or indirect or mixed) adj2 comparison*).ti,ab.
59.	or/49-58
60.	40 and (48 or 59)

Embase (Ovid) search terms

1.	exp Cerebrovascular accident/
2.	exp Brain infarction/
3.	Stroke Rehabilitation/
4.	(stroke or strokes or cva or poststroke* or apoplexy or "cerebrovascular accident").ti,ab.
5.	((cerebro* or brain or brainstem or cerebral*) adj3 (infarct* or accident*)).ti,ab.
6.	"brain attack".ti,ab.
7.	Intracerebral hemorrhage/
8.	or/1-7
9.	letter.pt. or letter/
10.	note.pt.
11.	editorial.pt.
12.	case report/ or case study/
13.	(letter or comment*).ti.
14.	(conference abstract or conference paper).pt.
15.	or/9-14
16.	randomized controlled trial/ or random*.ti,ab.
17.	15 not 16
18.	animal/ not human/
19.	nonhuman/
20.	exp Animal Experiment/
21.	exp Experimental Animal/
22.	animal model/
23.	exp Rodent/
24.	(rat or rats or mouse or mice).ti.
25.	or/17-24
26.	8 not 25
27.	limit 26 to English language
28.	Dental health/

29.	exp Mouth hygiene/
30.	((dental or oral or buccal cavity or periodontal or interdental) adj3 (device* or care or caring or hygien* or prophylaxis or health* or brush* or clean* or "look* after" or intervention* or treatment*)).ti,ab.
31.	((gum* or mouth or teeth or tooth or denture*) adj3 (care or caring or hygien* or prophylaxis or health* or brush* or clean* or "look* after")).ti,ab.
32.	((dental or oral or buccal cavity or periodontal or interdental or gum* or mouth or teeth or tooth or denture*) adj3 (educ* or inform* or instruct* or deliver* or carer*)).ti,ab.
33.	Chlorhexidine/
34.	(toothbrush* or toothpaste* or tooth paste* or dental floss* or water irrigat* or water pick* or gingival stimulator* or mouth wash* or mouthwash* or mouth rins* or mouthrins* or chlorhexidine or plaque remov*).ti,ab.
35.	((dental or oral or periodontal or gum*) and disease*).ti,ab.
36.	((dental or tooth or teeth) and (caries or decay*)).ti,ab.
37.	(breath adj (bad or smell* or odour or odor)).ti,ab.
38.	(gingivitis or halitosis).ti,ab.
39.	or/28-38
40.	27 and 39
41.	random*.ti,ab.
42.	factorial*.ti,ab.
43.	(crossover* or cross over*).ti,ab.
44.	((doubl* or singl*) adj blind*).ti,ab.
45.	(assign* or allocat* or volunteer* or placebo*).ti,ab.
46.	crossover procedure/
47.	single blind procedure/
48.	randomized controlled trial/
49.	double blind procedure/
50.	or/41-49
51.	systematic review/
52.	meta-analysis/
53.	(meta analy* or metanaly* or metaanaly* or meta regression).ti,ab.
54.	((systematic* or evidence*) adj3 (review* or overview*)).ti,ab.
55.	(reference list* or bibliograph* or hand search* or manual search* or relevant journals).ab.
56.	(search strategy or search criteria or systematic search or study selection or data extraction).ab.
57.	(search* adj4 literature).ab.
58.	(medline or pubmed or cochrane or embase or psychlit or psyclit or psychinfo or psycinfo or cinahl or science citation index or bids or cancerlit).ab.
59.	cochrane.jw.
60.	((multiple treatment* or indirect or mixed) adj2 comparison*).ti,ab.
61.	or/51-60
62.	40 and (50 or 61)

Cochrane Library (Wiley) search terms

#1.	MeSH descriptor: [Stroke] explode all trees
#2.	MeSH descriptor: [Stroke Rehabilitation] explode all trees

#3.	MeSH descriptor: [Cerebral Hemorrhage] explode all trees
#4.	(stroke or strokes or cva or poststroke* or apoplexy or "cerebrovascular accident"):ti,ab
#5.	((cerebro* or brain or brainstem or cerebral*) near/3 (infarct* or accident*)):ti,ab
#6.	brain attack*:ti,ab
#7.	(or #1-#6)
#8.	conference:pt or (clinicaltrials or trialsearch):so
#9.	#7 not #8
#10.	MeSH descriptor: [Oral Health] explode all trees
#11.	MeSH descriptor: [Oral Hygiene] explode all trees
#12.	((dental or oral or buccal cavity or periodontal or interdental) adj3 (device* or care or caring or hygien* or prophylaxis or health* or brush* or clean* or "look* after" or intervention* or treatment*)):ti,ab
#13.	((gum* or mouth or teeth or tooth or denture*) near/3 (care or caring or hygien* or prophylaxis or health* or brush* or clean* or "look* after")):ti,ab
#14.	((dental or oral or buccal cavity or periodontal or interdental or gum* or mouth or teeth or tooth or denture*) near/3 (educ* or inform* or instruct* or deliver* or carer*)):ti,ab
#15.	MeSH descriptor: [Chlorhexidine] explode all trees
#16.	(toothbrush* or toothpaste* or tooth paste* or dental floss* or water irrigat* or water pick* or gingival stimulator* or mouth wash* or mouthwash* or mouth rins* or mouthrins* or chlorhexidine or plaque remov*):ti,ab
#17.	((dental or oral or periodontal or gum*) and disease*):ti,ab
#18.	((dental or tooth or teeth) and (caries or decay*)):ti,ab
#19.	(breath near/1 (bad or smell* or odour or odor)):ti,ab
#20.	(gingivitis or halitosis):ti,ab
#21.	(or #10-#20)
#22.	#9 and #21

Epistemonikos search terms

1.	(title:(title:(title:(dental OR oral OR buccal cavity OR periodontal OR interdental) OR abstract:(dental OR oral OR buccal cavity OR periodontal OR interdental)) AND (title:(care OR caring OR hygien* OR prophylaxis OR health* OR brush* OR clean*) OR abstract:(care OR caring OR hygien* OR prophylaxis OR health* OR brush* OR clean*))) OR abstract:(title:(dental OR oral OR buccal cavity OR periodontal OR interdental) OR abstract:(dental OR oral OR buccal cavity OR periodontal OR interdental)) AND (title:(care OR caring OR hygien* OR prophylaxis OR health* OR brush* OR clean*) OR abstract:(care OR caring OR hygien* OR prophylaxis OR health* OR brush* OR clean*))) AND (title:(stroke OR strokes OR cva OR poststroke* OR apoplexy OR "cerebrovascular accident") OR abstract:(stroke OR strokes OR cva OR poststroke* OR apoplexy OR "cerebrovascular accident"))) OR abstract:(title:(title:(dental OR oral OR buccal cavity OR periodontal OR interdental) OR abstract:(dental OR oral OR buccal cavity OR periodontal OR interdental)) AND (title:(care OR caring OR hygien* OR prophylaxis OR health* OR brush* OR clean*) OR abstract:(care OR caring OR hygien* OR prophylaxis OR health* OR brush* OR clean*))) OR abstract:(title:(dental OR oral OR buccal cavity OR periodontal OR interdental) OR abstract:(dental OR oral OR buccal cavity OR periodontal OR interdental)) AND (title:(care OR caring OR hygien* OR prophylaxis OR health* OR brush* OR clean*) OR abstract:(care OR caring OR hygien* OR prophylaxis OR health* OR brush* OR clean*))) AND (title:(stroke OR strokes OR cva OR poststroke* OR apoplexy OR "cerebrovascular accident") OR abstract:(stroke OR strokes OR cva OR poststroke* OR apoplexy OR "cerebrovascular accident"))))
----	---