

Appendix: Sample search strategy in selected databases and the number of results

Database	Searching strategy	Number of results
PubMed	(Aged[tiab] OR elderly[tiab] OR "old people"[tiab] OR geriatric[tiab]) AND ((("Atraumatic Restorative Treatment"[tiab] AND Dental[tiab]) OR "Dental Atraumatic Restorative Treatment"[tiab] OR "restorative consideration"[ALL] OR "restorative considerations"[ALL] OR "dental restoration"[tiab] OR "dental restoration failure"[tiab] OR "dental restoration repair"[tiab] OR ("dental restoration"[tiab] AND permanent[tiab]) OR ("dental restoration"[tiab] AND temporary[tiab]) OR "dental restorative procedure"[tiab] OR "dental tissue conditioning"[tiab] OR "denture repair"[tiab] OR "permanent dental restoration"[tiab] OR "regenerative dental therapy"[tiab] OR "reparative dental service"[tiab] OR "restorative dental care"[tiab] OR "restorative dental procedure"[tiab] OR "restorative dental services"[tiab] OR "restorative dental treatment"[tiab] OR "temporary dental restoration"[tiab] OR "tissue conditioning"[tiab] OR ("tissue conditioning"[tiab] AND dental[tiab]) OR "tooth restoration"[tiab] OR "restorative care"[tiab] OR "extended care"[tiab] OR "post-acute care"[tiab] OR "skilled care"[tiab] OR "sub-acute care"[tiab] OR "subacute care"[tiab])	776
Embase	(Aged:ti,ab OR elderly:ti,ab OR "old people":ti,ab OR geriatric:ti,ab) AND ((("Atraumatic Restorative Treatment":ti,ab AND Dental:ti,ab) OR "Dental Atraumatic Restorative Treatment":ti,ab OR "restorative consideration"/exp OR "restorative considerations"/exp OR "dental restoration":ti,ab OR "dental restoration failure":ti,ab OR "dental restoration repair":ti,ab OR ("dental restoration":ti,ab AND permanent:ti,ab) OR ("dental restoration":ti,ab AND temporary:ti,ab) OR "dental restorative procedure":ti,ab OR "dental tissue conditioning":ti,ab OR "denture repair":ti,ab OR "permanent dental restoration":ti,ab OR "regenerative dental therapy":ti,ab OR "reparative dental service":ti,ab OR "restorative dental care":ti,ab OR "restorative dental procedure":ti,ab OR "restorative dental services":ti,ab OR "restorative dental treatment":ti,ab OR "temporary dental restoration":ti,ab OR "tissue conditioning":ti,ab OR ("tissue conditioning":ti,ab AND dental:ti,ab) OR "tooth restoration":ti,ab OR "restorative care":ti,ab OR "extended care":ti,ab OR "post-acute care":ti,ab OR "skilled care":ti,ab OR "sub-acute care":ti,ab OR "subacute care":ti,ab)	980

Iranian databases	Searching for Persian keywords: restoration and elderly	7
Google Scholar	Allintitle: restorative old geriatric	13
Scopus	(TITLE-ABS(Aged) OR TITLE-ABS(elderly) OR TITLE-ABS("old people") OR TITLE-ABS(geriatric)) AND ((TITLE-ABS("Atraumatic Restorative Treatment") AND TITLE-ABS(Dental)) OR TITLE-ABS("Dental Atraumatic Restorative Treatment") OR ALL("restorative consideration") OR ALL("restorative considerations") OR TITLE-ABS("dental restoration") OR TITLE-ABS("dental restoration failure") OR TITLE-ABS("dental restoration repair") OR (TITLE-ABS("dental restoration") AND TITLE-ABS(permanent)) OR (TITLE-ABS("dental restoration") AND TITLE-ABS(temporary)) OR TITLE-ABS("dental restorative procedure") OR TITLE-ABS("dental tissue conditioning") OR TITLE-ABS("denture repair") OR TITLE-ABS("permanent dental restoration") OR TITLE-ABS("regenerative dental therapy") OR TITLE-ABS("reparative dental service") OR TITLE-ABS("restorative dental care") OR TITLE-ABS("restorative dental procedure") OR TITLE-ABS("restorative dental services") OR TITLE-ABS("restorative dental treatment") OR TITLE-ABS("temporary dental restoration") OR TITLE-ABS("tissue conditioning") OR (TITLE-ABS("tissue conditioning") AND TITLE-ABS(dental)) OR TITLE-ABS("tooth restoration") OR TITLE-ABS("restorative care") OR TITLE-ABS("extended care") OR TITLE-ABS("post-acute care") OR TITLE-ABS("skilled care") OR TITLE-ABS("sub-acute care") OR TITLE-ABS("subacute care"))	960
Web of Science	(TS=(Aged) OR TS=(elderly) OR TS=("old people") OR TS=(geriatric)) AND ((TS=("Atraumatic Restorative Treatment") AND TS=(Dental)) OR TS=("Dental Atraumatic Restorative Treatment") OR ALL=("restorative consideration") OR ALL=("restorative considerations") OR TS=("dental restoration") OR TS=("dental restoration failure") OR TS=("dental restoration repair") OR (TS=("dental restoration") AND TS=(permanent)) OR (TS=("dental restoration") AND TS=(temporary)) OR TS=("dental restorative procedure") OR TS=("dental tissue conditioning") OR TS=("denture repair") OR TS=("permanent dental restoration") OR TS=("regenerative dental therapy") OR TS=("reparative dental service") OR TS=("restorative dental care") OR TS=("restorative dental procedure") OR TS=("restorative dental services") OR TS=("restorative dental treatment") OR TS=("temporary dental restoration") OR	1365

TS=("tissue conditioning") OR (TS=("tissue conditioning") AND TS=(dental)) OR TS=("tooth restoration") OR TS=("restorative care") OR TS=("extended care") OR TS=("post-acute care") OR TS=("skilled care") OR TS=("sub-acute care") OR TS=("subacute care"))

Proquest

TI,AB,SU(Aged OR elderly OR "old people" OR geriatric) AND
TI,AB,SU(("Atraumatic Restorative Treatment" AND Dental) OR "Dental
Atraumatic Restorative Treatment" OR "restorative consideration" OR "restorative
considerations" OR "dental restoration" OR "dental restoration failure" OR "dental
restoration repair" OR ("dental restoration" AND permanent) OR ("dental restoration"
AND temporary) OR "dental restorative procedure" OR "dental tissue conditioning" OR
"denture repair" OR "permanent dental restoration" OR "regenerative dental therapy"
OR "reparative dental service" OR "restorative dental care" OR "restorative dental
procedure" OR "restorative dental services" OR "restorative dental treatment" OR
"temporary dental restoration" OR "tissue conditioning" OR ("tissue conditioning" AND
dental) OR "tooth restoration" OR "restorative care" OR "extended care" OR "post-acute
care" OR "skilled care" OR "sub-acute care" OR "subacute care")

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