

Supplementary Table 1: Search strategies for databases

Example of the search strategy (Web Of Science)

No	Search Strategy	Results
1	TS=(extrusion or extruded)	119563
2	TS=(debris or gutta-percha or gutta percha or sealer or sealant or filling material)	373464
3	TS=(retreatment)	18076
4	TS=(endodontic or root canal)	35955
5	#4 AND #3 AND #2 AND #1	98

Example of the search strategy (Pubmed)

No	Search Strategy	Results
1	extrusion or extruded	34262
2	debris or gutta-percha or gutta percha or sealer or sealant or filling material	70874
3	retreatment	25683
4	endodontic or root canal	63100
5	((extrusion or extruded) AND (debris or gutta-percha or gutta percha or sealer or sealant or filling material)) AND (retreatment)) AND (endodontic or root canal)	82