

**Appendix 1. PubMed search strategy**

	Pubmed	
Search	Query	Items found
#1	"Lasers"[Mesh]	50,960
#2	"Low-Level Light Therapy"[Mesh]	5,588
#3	laser dentistry	11,394
#4	#1 OR #2 OR #3	60,823
#5	"Tooth Demineralization"[Mesh]	47,022
#6	dental caries	57,825
#7	#5 OR #6	58,866
#8	"prevention and control"[Subheading]	1,263,961
#9	"Dental Prophylaxis"[Mesh]	7,624
#10	sealant[Title/Abstract] AND retention[Title/Abstract]	436
#11	caries[Title/Abstract] AND prevention[Title/Abstract]	6,012
#12	#8 OR #9 OR #10 OR #11	1,272,343
#13	#4 AND #7 AND #12	384
#14	#4 AND #7 AND #12 Filters: Humans	312
#15	laser[Title/Abstract] AND caries[Title/Abstract] AND prevention[Title/Abstract] Filters: Humans	105
#16	(laser[Title/Abstract] AND (sealant[Title/Abstract] OR enamel[Title/Abstract]) AND retention[Title/Abstract]) Filters: Humans	37
#17	#14 OR #15 OR #16	358