

Supplementary Table 1. Search keywords and recall ratio

No.	Keyword	Total no.
Oral cancer		
#1	Oral/exp OR mouth OR oris	
	EMBASE	1,122,240
	MEDLINE	218,525
	Cochrane Library	152,794
	KoreaMed	1,157
#2	Tongue* or gloss* or lingua*	
	EMBASE	53,777
	MEDLINE	38,423
	Cochrane Library	3,522
	KoreaMed	523
#3	"Mouth floor" or "floor of mouth" or sublingua* or "mouth floors" or "floors of mouth"	
	EMBASE	17,875
	MEDLINE	10,138
	Cochrane Library	3,585
	KoreaMed	244
#4	Gingiva* or gum* or "interdental papilla" or "alveolar process" or "alveolar processes" or "alveolar ridge"	
	EMBASE	69,315
	MEDLINE	52,890
	Cochrane Library	8,923
	KoreaMed	61
#5	"Hard palate" or "hard palates" or "palatine bone"	
	EMBASE	3,811
	MEDLINE	2,964
	Cochrane Library	83
	KoreaMed	190
#6	"Buccal mucosa" or "mouth mucosa" or "oral mucosa" or bucca* or "buccal mucosal" or "mouth mucosal" or "oral mucosal"	
	EMBASE	38,584
	MEDLINE	33,774
	Cochrane Library	3,470
	KoreaMed	150
#7	Retromola*	
	EMBASE	806
	MEDLINE	590
	Cochrane Library	36
	KoreaMed	21
#8	Neoplasms OR cancer OR carcinoma OR malignant OR malignancy OR tumor OR tumour	
	EMBASE	3,218,770
	MEDLINE	2,635,012
	Cochrane Library	150,817
	KoreaMed	15,668
#9	#1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7	
	EMBASE	1,192,024
	MEDLINE	277,438
	Cochrane Library	151,249
	KoreaMed	3447
#10	#8 AND #9	
	EMBASE	305,652
	MEDLINE	177,550
	Cochrane Library	20,107
	KoreaMed	687

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No.	Keyword	Total no.
Diagnosis and work-up, role of laryngoscopy		
#11	([#10] AND [biops* or bimanual]) AND diagnosis	
	EMBASE	20,245
	MEDLINE	5,003
	Cochrane Library	448
	KoreaMed	125
#12	([#10] AND ["vital staining" or autofluorescence or chemiluminescence or spectroscopy or "narrow band imaging"]) AND diagnosis	
	EMBASE	778
	MEDLINE	630
	Cochrane Library	41
	KoreaMed	65
#13	(#10) AND (performance OR "general condition")	
	EMBASE	10,079
	KoreaMed	717
	Cochrane Library	1,921
	KoreaMed	16
#14	(#10) AND (second OR secondary OR "secondary malignancy" OR synchronous OR "synchronous malignancy") NOT PET	
	EMBASE	31,500
	MEDLINE	9,470
	Cochrane Library	4,591
	KoreaMed	23
Prevention (the risk factor analysis)		
#15	#10 AND (tobacco* OR smok* OR cigar*)	
	EMBASE	8,032
	MEDLINE	7,103
	Cochrane Library	1,260
	KoreaMed	4
#16	#10 AND (alcohol* OR drink* OR ethanol* OR "alcoholic beverage" OR "alcoholic beverages" OR "alcohol beverage" OR "alcohol beverages")	
	EMBASE	6,517
	MEDLINE	4,191
	Cochrane Library	1,372
	KoreaMed	4
#17	#10 AND (health* OR hygiene* OR care* OR device* OR Toothbrush* OR prosthesis OR prostheses OR implant* tooth* OR caries)	
	EMBASE	5,348
	MEDLINE	1,776
	Cochrane Library	2,475
	KoreaMed	12
#18	#10 AND (HPV OR "papilloma virus" OR "papilloma viruses")	
	EMBASE	5,470
	MEDLINE	2,269
	Cochrane Library	152
	KoreaMed	6
Image work-up		
Role of CT and MR		
#19	#10 AND (compute* AND tomograph*) OR CT.ti	
	EMBASE	24,707
	MEDLINE	6,694
	Cochrane Library	408
	KoreaMed	10
#20	#10 AND mr*.ti OR (magnetic AND resonance)	
	EMBASE	21,531
	MEDLINE	4,086

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No.	Keyword	Total no.
	Cochrane Library	327
	KoreaMed	2
Role of PET and US		
#21	#10 AND (PET:ti OR (PET:ti AND CT:ti) OR (positron:ti AND emission:ti))	
	EMBASE	34,309
	MEDLINE	7,370
	Cochrane Library	11
	KoreaMed	0
#22	#10 AND (ultraso* or echogra* or sonogra*)	
	EMBASE	11,685
	MEDLINE	2,794
	Cochrane Library	601
	KoreaMed	2
Surgical approaches for oral cancer		
#23	#10 AND ("surgical approach" OR "surgical approaches" OR intraoral OR transoral OR peroral OR "mandibulotomy" OR robot* OR "visor flap" OR "cheek flap" OR "lateral pharyngotomy" OR "pull-through" OR "lingual mandibular release" OR "mandibular lingual release" OR transcervical OR transneck)	
	EMBASE	6,112
	MEDLINE	4,167
	Cochrane Library	329
	KoreaMed	28
#24	#10 AND (margin* OR cosmetic* OR aesthetic* OR functional* OR survival* OR recurrence OR exposure OR "Quality of life")	
	EMBASE	2,836
	MEDLINE	1,745
	Cochrane Library	263
	KoreaMed	16
Surgical management		
Oral tongue		
#25	#1 OR #2 AND #8 AND (glossectomy OR Surg* OR Operat* OR excision OR resection)	
	EMBASE	30,141
	MEDLINE	24,398
	Cochrane Library	1,472
	KoreaMed	870
#26	#25 AND margin	
	EMBASE	136
	MEDLINE	210
	Cochrane Library	94
	KoreaMed	4
#27	#25 AND ("depth of invasion" OR "tumor thickness")	
	EMBASE	210
	MEDLINE	184
	Cochrane Library	0
	KoreaMed	24
Floor of the mouth		
#28	#1 OR #3 AND #8 AND (glossectomy OR Surg* OR Operat* OR excision OR resection)	
	EMBASE	83,042
	MEDLINE	43,920
	Cochrane Library	3,221
	KoreaMed	749
#29	#1 OR #3 AND #8 AND (glossectomy OR Surg* OR Operat* OR excision OR resection) AND margin	
	EMBASE	1,265
	MEDLINE	927
	Cochrane Library	170
	KoreaMed	3

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No.	Keyword	Total no.
#30	#1 OR #3 AND #8 AND (glossectomy OR Surg* OR Operat* OR excision OR resection) AND (depth OR invasion OR thickness)	
	EMBASE	6,113
	MEDLINE	2,530
	Cochrane Library	744
	KoreaMed	493
Gingiva and hard palate		
#31	(#1 OR #4 OR #5) AND #8	
	EMBASE	116,484
	MEDLINE	110,985
	Cochrane Library	19,892
	KoreaMed	24
#32	#31 AND (surg* OR operat* OR excision OR resection OR Maxill* OR Laser OR Alveol* OR Palat*) AND Margin	
	EMBASE	1,103
	MEDLINE	1,425
	Cochrane Library	312
	KoreaMed	0
#33	#31 AND (surg* OR operat* OR excision OR resection OR Mandibulec* OR Laser) AND Margin	
	EMBASE	1,073
	MEDLINE	1,280
	Cochrane Library	309
	KoreaMed	0
Buccal mucosa and retromolar trigone		
#34	(([#1 OR #2 OR #3] AND #4) and [surg* OR opert* OR excision* OR resection]) and margin	
	EMBASE	2,286
	MEDLINE	932
	Cochrane Library	42
	KoreaMed	56
#35	(([#1 OR #2 OR #3] AND #4) and (margin* OR buccinator OR deep* OR "buccal fat"))	
	EMBASE	1,620
	MEDLINE	902
	Cochrane Library	576
	KoreaMed	197
#36	(([#1 OR #2 OR #3] AND #4) and (chew* or dysphagia or trismus or coronoid*))	
	EMBASE	2,865
	MEDLINE	7,804
	Cochrane Library	134
	KoreaMed	58
Neck management in oral cancer		
#37	Neck OR cervical OR lymph* OR node OR dissection	
	EMBASE	2,431,051
	MEDLINE	850,533
	Cochrane Library	43,445
	KoreaMed	25,612
#38	#10 AND #37	
	EMBASE	66,628
	MEDLINE	12,299
	Cochrane Library	3,951
	KoreaMed	0
Soft tissue reconstruction		
#39	Reconstruction OR flap OR skin graft OR primary closure OR secondary healing	
	EMBASE	228,200
	MEDLINE	145,638
	Cochrane Library	9,482
	KoreaMed	282

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No.	Keyword	Total no.	
#40	#10 AND #39		
	EMBASE	9,338	
	MEDLINE	5,682	
	Cochrane Library	368	
#41	KoreaMed	40	
	#6 AND #40		
	EMBASE	954	
	MEDLINE	877	
Mandible reconstruction	Cochrane Library	71	
	KoreaMed	12	
	#42	Mandibular osteotom* OR mandibulectom* OR (mandib* AND resection) OR hemimandibulectom* OR (mandib* AND margin)	
	EMBASE	11,503	
#43	MEDLINE	5,462	
	Cochrane Library	340	
	KoreaMed	89	
	#10 AND #42		
#44	EMBASE	3,063	
	MEDLINE	2,195	
	Cochrane Library	23	
	KoreaMed	2	
#45	(Mandib* AND reconstruction) OR (mandib* AND flap)		
	EMBASE	11,641	
	MEDLINE	6,709	
	Cochrane Library	344	
#46	KoreaMed	53	
	#10 AND #44		
	EMBASE	2,413	
	MEDLINE	1,930	
#47	Cochrane Library	20	
	KoreaMed	2	
	(Mandib* AND reconstruction) AND (computer-aided OR computer-assisted design OR manufacturing)		
	EMBASE	405	
#48	MEDLINE	254	
	Cochrane Library	15	
	KoreaMed	1	
	#10 AND #46		
#49	EMBASE	98	
	MEDLINE	70	
	Cochrane Library	1	
	KoreaMed	0	
Long-term follow-up and surveillance			
#48	#10 AND (neoplasm recurrence OR recurrenc* OR recur*) AND (follow OR follow-up OR surveillance) AND ([CT* OR computed OR tomograph* OR "computed tomography"] OR [MR* OR magnetic OR resonance OR "magnetic resonance" OR magnetic resonance image*] OR [PET OR positron OR PET-CT] OR [physical OR examination* OR "physical examination*"] OR [thyroid OR TFT OR "thyroid function test*"] OR [chest P* OR X-ray OR radiograph* OR "chest radiography*"])		
	EMBASE	5,419	
	MEDLINE	2,062	
	Cochrane Library	1,627	
Salvage surgery	KoreaMed	14	
	#49	Recur* AND (Surg* OR Opert* OR excision OR resection)	
	EMBASE	223,272	

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No.	Keyword	Total no.
	MEDLINE	215,362
	Cochrane Library	18,843
	KoreaMed	8,647
#50	Salvage AND (Surg* OR Opert* OR excision OR resection)	
	EMBASE	20,222
	MEDLINE	19,501
	Cochrane Library	1,365
	KoreaMed	393
#51	#10 AND (#39 OR #40)	
	EMBASE	16,213
	MEDLINE	14,830
	Cochrane Library	1,824
	KoreaMed	0