

Supplemental Table S2. Literature Search

Search	Query	Results
Search strategy for PubMed (Medline): 563 results		
1	Thyroid Neoplasms	82,271
2	(Thyroid AND (Neoplas* OR Carcinom* OR cancer* OR Adenom*))	101,878
3	#1 OR #2	104,272
4	(poorly differentiat*)	40,728
5	PDTC	2,613
6	insular	12,957
7	(high grade OR (“high-grade” OR “high grade”))	195,733
8	(non anaplastic OR (“non-anaplastic” OR “non anaplastic”))	6,283
9	#4 OR #5 OR #6 OR #7 OR #8	254,851
10	#3 AND #9	3,523
11	(Thyroidectomy OR thyroidectom*)	34,900
12	(surgery OR surger*)	5,639,924
13	operation	6,302,626
14	#11 OR #12 OR #13	6,319,675
15	(Outcome* OR (fatal outcome*))	3,239,186
16	(Prognosis OR prognos*)	2,355,075
17	(Recurrence OR Recurrence* OR Relapse*)	949,640
18	(Progression OR Exacerbation)	1,660,096
19	(Survival OR Mortality)	2,668,062
20	#15 OR #16 OR #17 OR #18 OR #19	7,140,522
21	#10 AND #14 AND #20	1,246
Filter	Full-text, English, ages (19+), humans	
Total	#21 AND Filter	563
Search strategy for EMBASE: 96 results		
1	exp thyroid tumor/OR thyroid tumor.mp.	104,748
2	(Thyroid AND (Neoplas* OR Carcinom* OR cancer* OR Adenom*).mp.	136,356
3	OR/1-2	144,323
4	exp poorly differentiated thyroid cancer/OR poorly differentiat*.mp.	33,881
5	exp insula/OR insular.mp.	34,216
6	(high grade OR (“high-grade” OR “high grade”)).mp.	121,045
7	(non anaplastic OR (“non-anaplastic” OR “non anaplastic”)).mp.	167
8	OR/4-7	186,847
9	AND/3, 8	4,372
10	exp Thyroidectomy/ OR (Thyroidectomy OR thyroidectom*).mp.	48,413
11	exp surgery/ OR (surgery OR surger*).mp.	6,592,662
12	operation.mp.	638,385
13	OR/10-12	6,771,399
14	clinical outcome/OR (Outcome* OR fatal outcome*).mp.	4,458,016
15	exp prognosis/OR (Prognosis OR prognos*).mp.	1,456,803
16	exp recurrent disease/OR (Recurrence OR Recurrence* OR Relapse*).mp.	1,161,978

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Supplemental Table S2. Continued

Search	Query	Results
17	(Progression OR Exacerbation).mp.	1,285,387
18	(exp survival/OR Survival.mp.) OR (exp Mortality/OR Mortality.mp.)	3,688,558
19	OR/14-18	8,631,876
20	AND/9, 13, 19	1,320
Filter	Full-text, English, adult, humans	
Total	#20 AND Filter	96
Search strategy for Cochrane Trials: 39 results		
1	Thyroid Neoplasms	1,080
2	(Thyroid AND (Neoplas* OR Carcinom* OR cancer* OR Adenom*))	2,851
3	{OR #1-#2}	2,851
4	poorly differentiat*	1,062
5	PDTC	20
6	insular	444
7	(high grade OR (“high-grade” OR “high grade”))	27,793
8	(non anaplastic OR (“non-anaplastic” OR “non anaplastic”))	557
9	{OR #4-#8}	29,282
10	{AND #3, #9}	251
11	(Thyroidectomy OR thyroidectom*)	2,067
12	(surgery OR surger*)	305,402
13	operation	50,238
14	{OR #11-#13}	319,554
15	(Outcome* OR (fatal outcome*))	776,680
16	(Prognosis OR prognos*)	56,618
17	(Recurrence OR Recurrence* OR Relapse*)	92,752
18	(Progression OR Exacerbation)	96,931
19	(Survival OR Mortality)	212,310
20	{OR #15-#19}	930,205
21	{AND #10, #14, #20}	117
Filter	Review	
Total	#21 AND Filter	39