

SUPPLEMENTARY MATERIAL

Supplementary Appendix 1. The search strategy that details the searching process of relevant clinical study selection

Queries

1. Population: patient who has thyroid cancer

2. Intervention and control: none

3. Outcome: osteoporosis4. Study type: none

PubMed (September 26, 2018)

Queries	Search result
("thyroid neoplasms"[MeSH Terms] OR "Thyroidectomy"[MeSH Terms] OR ("thyroid"[All Fields] AND "neoplasms"[All	309
Fields]) OR "thyroid neoplasms"[All Fields] OR ("thyroid"[All Fields] AND "cancer"[All Fields]) OR "thyroid cancer"[All	
Fields] OR "thyroidectomy"[All Fields]) AND ("osteoporosis, postmenopausal"[MeSH Terms] OR ("osteoporosis"[All Fields]	
AND "postmenopausal"[All Fields]) OR "postmenopausal osteoporosis"[All Fields] OR "osteoporosis"[All Fields] OR	
"osteoporosis"[MeSH Terms])	

Search Details

Query Translation:

("thyroid neoplasms"[MeSH Terms] OR "Thyroidectomy"[Mesh] OR ("thyroid"[All Fields] AND "neoplasms"[All Fields]) OR "thyroid neoplasms"[All Fields] OR ("thyroid"[All Fields] AND "cancer" [All Fields]) OR "thyroid cancer"[All Fields] OR "thyroidectomy" [All Fields]) AND ("osteoporosis, postmenopausal"[MeSH Terms] OR ("osteoporosis"[All Fields] AND "postmenopausal"[All Fields]) OR "postmenopausal osteoporosis"[All Fields] OR "osteoporosis"[All Fields])

Search URL

Result:

<u>309</u>

Database:

PubMed

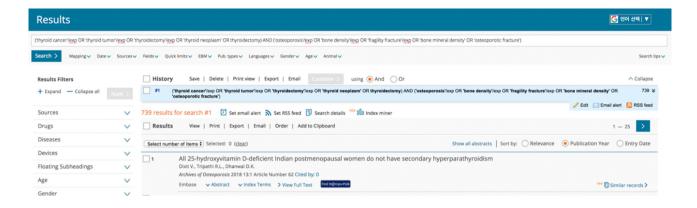
User query:

("thyroid neoplasms" [MeSH Terms] OR "Thyroidectomy" [Mesh] OR ("thyroid" [All Fields] AND "neoplasms" [All Fields]) OR "thyroid neoplasms" [All Fields] OR ("thyroid" [All Fields]) OR "thyroid cancer" [All Fields] OR "thyroidectomy" [All Fields]) AND ("osteoporosis, postmenopausal" [MeSH Terms] OR ("osteoporosis" [All Fields] AND "postmenopausal" [All Fields]) OR "postmenopausal osteoporosis" [All Fields] OR "osteoporosis" [MeSH Terms])

EMBASE (September 26, 2018)

Queries	Search result
('thyroid cancer'/exp OR 'thyroid tumor'/exp OR 'thyroidectomy'/exp OR 'thyroid neoplasm' OR 'thyroid tumor' OR 'thyroidec-	739
tomy' OR 'thyroidectomy') AND ('osteoporosis'/exp OR 'bone density'/exp OR 'bone density'/exp OR 'fragility fracture'/exp	
OR 'bone mineral density' OR 'osteoporotic fracture')	





Cochrane Library (September 26, 2018)

	Queries	Search result
#1	MeSH descriptor: [Thyroid Neoplasms] explode all trees	547
#2	MeSH descriptor: [Thyroidectomy] explode all trees	512
#3	'thyroid cancer' or 'thyroid neoplasm' or 'thyroid tumor' or 'thyroidectomy'	2,386
#4	#1 OR #2 OR #3	2,474
#5	MeSH descriptor: [Osteoporosis] explode all trees	3,686
#6	MeSH descriptor: [Osteoporotic Fractures] explode all trees	236
#7	MeSH descriptor: [Bone Density] explode all trees	4,374
#8	'osteoporotic fracture' or 'osteoporosis' or 'bone mineral density'	11,813
#9	#5 OR #6 OR #7 OR #8	12,378
#10	#4 AND #9	60 ^{a)}

^{a)}24 reviews, 8 protocols, and 28 trials.

