

**Supplement S1.** The literature search algorithm and the results from relevant clinical studies.

**PubMed (17, April, 2023)**

	<b>Search Queries</b>	<b>Articles #</b>
#1	osteoporosis[MeSH Terms]	62,371
#2	osteopenia[Title/Abstract]	10,975
#3	metabolic bone disease[MeSH Terms]	84,883
#4	bone density[MeSH Terms]	60,326
#5	#1 OR #2 OR #3 OR #4	122,651
#6	Benign Paroxysmal Positional Vertigo[MeSH Terms]	1,223
#7	BPPV[Title/Abstract]	1,895
#8	#6 OR #7	2,217
#9	#5 AND #8	50

**Embase (17, April, 2023)**

	<b>Search Queries</b>	<b>Articles #</b>
#1	osteoporosis:ti,ab,kw	131,774
#2	osteopenia:ti,ab,kw	19,000
#3	metabolic bone diseas*:ti,ab,kw	4,700
#4	bone density:ti,ab,kw	118,642
#5	#1 OR #2 OR #3 OR #4	213,931
#6	Benign Paroxysmal Positional Vertigo':ti,ab,kw	2,931
#7	BPPV':ti,ab,kw	2,347
#8	#6 OR #7	3,274
#9	#5 AND #8	93

**Cochrane Library (17, April, 2023)**

	<b>Search Queries</b>	<b>Articles #</b>
#1	osteoporosis:ti,ab,kw	11,804

#2	osteopenia:ti,ab,kw	1,365
#3	metabolic bone diseas*':ti,ab,kw	1,020
#4	bone density:ti,ab,kw	14,355
#5	#1 OR #2 OR #3 OR #4	20,444
#6	Benign Paroxysmal Positional Vertigo':ti,ab,kw	416
#7	BPPV':ti,ab,kw	291
#8	#6 OR #7	443
#9	#5 AND #8	6