

Supplementary Table 1 Embase search strategy details

# ▲	Searches	Results	Type
1		total knee arthroplasty.mp. [mp=ti, ab, tx, ct, sh, hw, tn, ot, dm, mf, dv, kf, fx, dq]	44703
2		total knee replacement.mp. [mp=ti, ab, tx, ct, sh, hw, tn, ot, dm, mf, dv, kf, fx, dq]	25622
3		TKA.mp. [mp=ti, ab, tx, ct, sh, hw, tn, ot, dm, mf, dv, kf, fx, dq]	24469
4		TKR.mp. [mp=ti, ab, tx, ct, sh, hw, tn, ot, dm, mf, dv, kf, fx, dq]	4732
5		1 or 2 or 3 or 4	58992
6		Proximal Tibial Fracture*.mp. [mp=ti, ab, tx, ct, sh, hw, tn, ot, dm, mf, dv, kf, fx, dq]	549
7		Tibial Plateau Fracture*.mp. [mp=ti, ab, tx, ct, sh, hw, tn, ot, dm, mf, dv, kf, fx, dq]	3528
8		Acute Tibial Fracture*.mp. [mp=ti, ab, tx, ct, sh, hw, tn, ot, dm, mf, dv, kf, fx, dq]	50
9		6 or 7 or 8	3988
10		5 and 9	434
11		limit 10 to english language [Limit not valid in Your Journals@Ovid; records were retained]	431
12		limit 11 to human [Limit not valid in Your Journals@Ovid; records were retained]	428
13		limit 12 to (original articles or article) [Limit not valid in Your Journals@Ovid,Embase; records were retained]	336
14		limit 13 to yr="2000 - 2025"	330