

Supplementary Table 3: Subgroup Analysis of TKR and THR

Outcomes	Sub- group	No. of studies	No. of patients	Hetero- geneity test p value	I² (%)	WMD (95%CI)	interaction p value
Pain at 4 weeks or less	TKR	2	114	0.04	75	-8.6 (-15.0 to -2.3)	0.26
	THR	2	99	0.93	0	-0.9 (-7.5 to +5.8)	
Pain at 6 to 8 weeks	TKR	4	164	0.04	64	-2.7 (-11.7 to +6.3)	0.88
	THR	3	159	0.92	0	-1.3 (-6.5 to +4.0)	
Pain at 12 weeks	TKR	9	534	0.02	55	-3.2 (-7.1 to +0.7)	0.24
	THR	2	107	0.86	0	-3.0 (-9.8 to +3.9)	
Pain at 24 weeks	TKR	3	198	0.54	0	-4.1 (-7.1 to -1.0)	0.47
	THR	1	59	NA	NA	+0.5 (-3.6 to +4.6)	
Function at 4 weeks or less	TKR	3	90	0.004	82	+0.7 (-12.1 to +13.5)	0.47
	THR	3	167	0.009	79	-0.5 (-9.1 to -1.4)	
Function at 6 to 8 weeks	TKR	4	164	0.004	64	-6.3 (-13.9 to +1.3)	0.34
	THR	3	157	0.119	45	-1.7 (-6.9 to +3.5)	

Function at 12	TKR	9	470	0.04	51	-2.4 (-7.0 to +2.2)	0.14
weeks	THR	5	301	0.16	39	-7.2 (-10.7 to -3.8)	
Function at 24	TKR	5	228	0.12	45	-4.1 (-7.1 to -1.2)	0.22
weeks	THR	2	117	<0.001	93	+0.5 (-3.6 to +4.6)	
Function at 1 year	TKR	3	139	0.87	0	-0.5 (-4.2 to +3.3)	0.85
or more	THR	2	117	0.21	35	+0.2 (-3.8 to +4.2)	

TKR: total knee replacement; THR: total hip replacement; NA: not applicable