

Tegner activity score

5	non-randomised studies	not serious	not serious	not serious	not serious	none	576	2569	-	MD 0.01 higher (0.12 lower to 0.14 higher)	⊕⊕○○ Low	CRITICAL
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Tegner activity score - PFJ Degeneration

2	non-randomised studies	not serious	not serious	not serious	not serious	none	348	1457	-	MD 0.05 lower (0.17 lower to 0.07 higher)	⊕⊕○○ Low	IMPORTANT
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Tegner activity score - Patellar Cartilage Injury

3	non-randomised studies	not serious	not serious	not serious	not serious	publication bias strongly suspected ^a	228	1112	-	MD 0.15 higher (0.04 lower to 0.35 higher)	⊕○○○ Very low ^a	IMPORTANT
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Prosthesis survival rate (%)

5	non-randomised studies	not serious	not serious	not serious	not serious	none	609	2721	-	MD 1.24 higher (2.18 lower to 4.66 higher)	⊕⊕○○ Low	CRITICAL
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Prosthesis survival rate (%) - PFJ Degeneration

3	non-randomised studies	not serious	not serious	not serious	not serious	publication bias strongly suspected ^a	405	1640	-	MD 0.41 lower (5.95 lower to 5.13 higher)	⊕○○○ Very low ^a	IMPORTANT
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Prosthesis survival rate (%) - Patellar Cartilage Injury

2	non-randomised studies	not serious	not serious	not serious	not serious	none	204	1081	-	MD 2.15 higher (2.52 lower to 6.83 higher)	⊕⊕○○ Low	IMPORTANT
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KOOS

4	non-randomised studies	not serious	not serious	not serious	not serious	none	321	639	-	MD 1.4 lower (3.56 lower to 0.76 higher)	⊕⊕○○ Low	IMPORTANT
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KOOS - PFJ Degeneration

2	non-randomised studies	not serious	not serious	not serious	not serious	none	169	502	-	MD 1.94 lower (4.64 lower to 0.75 higher)	⊕⊕○○ Low	IMPORTANT
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KOOS - Patella Cartilage Injury

2	non-randomised studies	not serious	not serious	not serious	not serious	none	152	137	-	MD 0.43 lower (4.04 lower to 3.19 higher)	⊕⊕○○ Low	IMPORTANT
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CI: confidence interval; **MD:** mean difference

Explanations

a. Egger's test (P value)=0.028[]0.05