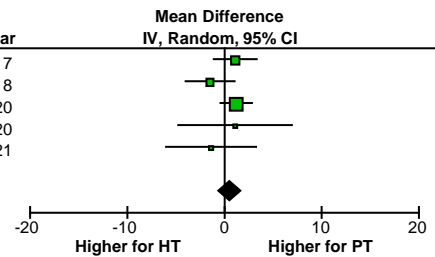


A - Lysholm score

Study or Subgroup	PT			HT			Weight	Mean Difference IV, Random, 95% CI	Year
	Mean	SD	Total	Mean	SD	Total			
Sonnery-Cottet et al 2017	92.4	8.6	105	91.3	9.9	176	25.4%	1.10 [-1.10, 3.30]	2017
Gupta et al 2018	90.8	9	80	92.29	7.41	85	19.4%	-1.49 [-4.01, 1.03]	2018
Gupta, R. et al 2020	97.3	4.62	80	96.1	5.81	80	45.6%	1.20 [-0.43, 2.83]	2020
Britt et al 2020	92.4	11.4	41	91.3	13.1	30	3.7%	1.10 [-4.74, 6.94]	2020
Guglielmetti et al 2021	89.87	9.17	31	91.26	9.36	31	5.9%	-1.39 [-6.00, 3.22]	2021
Total (95% CI)			337			402	100.0%	0.50 [-0.63, 1.62]	

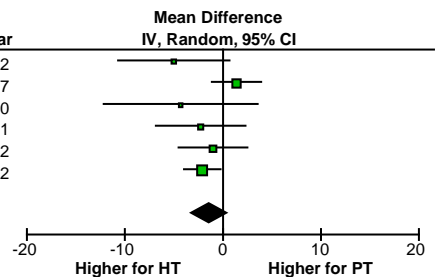
Heterogeneity: Tau² = 0.03; Chi² = 4.07, df = 4 (P = 0.40); I² = 2%
 Test for overall effect: Z = 0.86 (P = 0.39)



B - IKDC subjective score

Study or Subgroup	PT			HT			Weight	Mean Difference IV, Random, 95% CI	Year
	Mean	SD	Total	Mean	SD	Total			
Mascarenhas et al 2012	86	12	23	91	7	23	8.1%	-5.00 [-10.68, 0.68]	2012
Sonnery-Cottet et al 2017	86.8	10.5	105	85.4	10.4	176	25.3%	1.40 [-1.13, 3.93]	2017
Smith et al 2020	41	14.7	32	45.3	17.2	32	4.6%	-4.30 [-12.14, 3.54]	2020
Guglielmetti et al 2021	88.75	9.27	31	91	9.07	31	11.5%	-2.25 [-6.82, 2.32]	2021
Kilkenny et al 2022	89.3	7.6	27	90.3	7.9	59	17.0%	-1.00 [-4.50, 2.50]	2022
Kilkenny et al 2022	88.3	7.9	226	90.4	5.3	46	33.5%	-2.10 [-3.95, -0.25]	2022
Total (95% CI)			444			367	100.0%	-1.38 [-3.13, 0.37]	

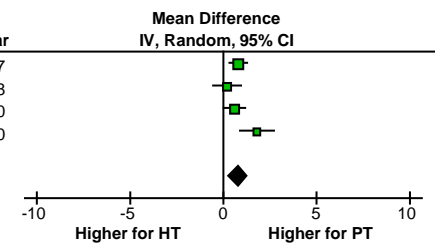
Heterogeneity: Tau² = 1.49; Chi² = 7.49, df = 5 (P = 0.19); I² = 33%
 Test for overall effect: Z = 1.54 (P = 0.12)



C - Tegner activity scale at final follow-up

Study or Subgroup	PT			HT			Weight	Mean Difference IV, Random, 95% CI	Year
	Mean	SD	Total	Mean	SD	Total			
Sonnery-Cottet et al 2017	7.4	2.1	105	6.6	1.8	176	31.2%	0.80 [0.32, 1.28]	2017
Gupta et al 2018	6	2.3	80	5.8	2.6	85	22.6%	0.20 [-0.55, 0.95]	2018
Gupta, R.K et al 2020	7.5	1.5	58	6.9	1.7	58	27.7%	0.60 [0.02, 1.18]	2020
Britt et al 2020	6	2.1	41	4.2	1.8	30	18.4%	1.80 [0.89, 2.71]	2020
Total (95% CI)			284			349	100.0%	0.79 [0.27, 1.31]	

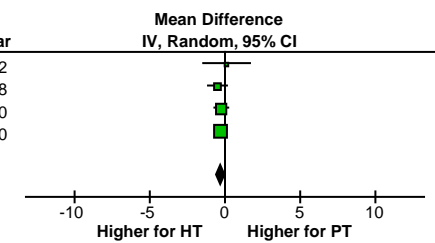
Heterogeneity: Tau² = 0.16; Chi² = 7.49, df = 3 (P = 0.06); I² = 60%
 Test for overall effect: Z = 3.00 (P = 0.003)



D - KT-1000 arthrometer

Study or Subgroup	PT			HT			Weight	Mean Difference IV, Random, 95% CI	Year
	Mean	SD	Total	Mean	SD	Total			
Mascarenhas et al 2012	2.1	2.6	23	2	2.8	23	2.9%	0.10 [-1.46, 1.66]	2012
Gupta et al 2018	1.4	2.1	80	1.9	2	85	17.9%	-0.50 [-1.13, 0.13]	2018
Gupta, R. et al 2020	1.98	1.62	77	2.23	1.23	77	34.1%	-0.25 [-0.70, 0.20]	2020
Smith et al 2020	0	0.8	27	0.3	0.7	29	45.1%	-0.30 [-0.69, 0.09]	2020
Total (95% CI)			207			214	100.0%	-0.31 [-0.57, -0.04]	

Heterogeneity: Tau² = 0.00; Chi² = 0.69, df = 3 (P = 0.88); I² = 0%
 Test for overall effect: Z = 2.27 (P = 0.02)



E - Autograft re-rupture rate

Study or Subgroup	PT		HT		Weight	Odds Ratio IV, Random, 95% CI	Year
	Events	Total	Events	Total			
Laboute et al 2010	8	138	18	160	16.8%	0.49 [0.20, 1.15]	2010
Sonnery-Cottet et al 2017	18	105	19	176	19.2%	1.71 [0.85, 3.43]	2017
Laboute et al 2018	5	242	46	713	15.8%	0.31 [0.12, 0.78]	2018
Gupta et al 2018	1	80	1	85	3.8%	1.06 [0.07, 17.29]	2018
Gupta, R. et al 2020	3	80	3	80	8.7%	1.00 [0.20, 5.11]	2020
Gupta, R.K et al 2020	1	58	2	58	4.8%	0.49 [0.04, 5.57]	2020
Britt et al 2020	4	41	4	30	9.9%	0.70 [0.16, 3.07]	2020
Guglielmetti et al 2021	2	31	2	31	6.4%	1.00 [0.13, 7.59]	2021
Kilkenny et al 2022	6	273	10	105	14.5%	0.21 [0.08, 0.60]	2022
Total (95% CI)		1048		1438	100.0%	0.61 [0.34, 1.10]	

Total events: PT = 48, HT = 105
 Heterogeneity: Tau² = 0.34; Chi² = 15.39, df = 8 (P = 0.05); I² = 48%
 Test for overall effect: Z = 1.65 (P = 0.10)

