

Table 1b.i - Comparisons of subject characteristics in raw data – OAI

Variable	TKR (n=252)	Non-TKR (n=252)	TKR minus non-TKR Delta (Δ) and [95% CI]	Effect Size
	<i>mean +/- standard deviation (SD) or %(n)</i>			<i>(Δ/SD)</i>
Age in years	67.88 +/- 8.64 (252)	66.82 +/- 8.36 (252)	1.06[-0.43 to 2.55]	0.12
BMI	29.80 +/- 4.60 (184)	30.39 +/- 4.66 (179)	-0.59[-1.55 to 0.36]	-0.13
SF-12 Physical	38.75 +/- 9.17 (191)	39.82 +/- 9.31 (191)	-1.07[-2.93 to 0.79]	-0.12
SF-12 Mental	55.57 +/- 8.64 (191)	54.39 +/- 9.18 (191)	1.18[-0.61 to 2.98]	0.13
Depression Scale	7.47 +/- 7.13 (233)	7.99 +/- 6.98 (231)	-0.52[-1.81 to 0.77]	-0.07
Back Pain	62.2% +/- 48.6% (188)	66.8% +/- 47.2% (193)	(4.6%)[(14.3% to 5.0%]	-0.10
ADL/Disability	24.49 +/- 11.70 (247)	23.27 +/- 11.72 (247)	1.21[-0.86 to 3.28]	0.10
WOMAC Total score	35.66 +/- 15.99 (246)	33.40 +/- 16.20 (246)	2.26[-0.59 to 5.11]	0.14
WOMAC Pain subscores, 0=none, 4=extreme				
WOMAC Pain- Walking	1.77 +/- 0.98 (252)	1.46 +/- 0.90 (250)	0.32[0.15 to 0.48]	0.34
WOMAC Pain- Stairs	2.31 +/- 0.97 (248)	1.96 +/- 0.92 (248)	0.35[0.18 to 0.52]	0.37
WOMAC Pain- In Bed	1.14 +/- 1.14 (251)	1.05 +/- 1.11 (250)	0.09[-0.11 to 0.29]	0.08
WOMAC Pain- Sit/Lie down	0.96 +/- 0.94 (251)	1.12 +/- 0.97 (250)	-0.17[-0.34 to -0.00]	-0.18
WOMAC Pain- Standing	1.42 +/- 0.94 (250)	1.30 +/- 0.99 (250)	0.13[-0.04 to 0.30]	0.13
WOMAC Knee pain (0-100)	38.00 +/- 18.92 (251)	34.41 +/- 19.70 (250)	3.59[0.20 to 6.98]	0.19
Contralateral Knee Pain (0-100)	15.05 +/- 17.30 (252)	15.67 +/- 16.59 (251)	-0.62[-3.59 to 2.35]	-0.04
Hip Pain or Pain/Ache/Stiff	56.0% +/- 49.8% (191)	60.1% +/- 49.1% (193)	(4.1%)[(14.0% to 5.8%]	-0.08
Homunculus (0 to 100%)	24.63 +/- 12.82 (155)	26.47 +/- 14.42 (164)	-1.84[-4.85 to 1.17]	-0.13
Narcotics	14.3% +/- 35.1% (252)	9.6% +/- 29.5% (251)	4.7% [(1.0% to 10.4%]	0.15
Charlson (approximate)	N=128	N=128		
0	67.2% (86)	68.8% (88)		
1	21.9% (28)	20.3% (26)		
2	7.0% (9)	9.4% (12)		
3	3.9% (5)	1.6% (2)		
Baseline Charlson_approx	0.48 +/- 0.79 (128)	0.44 +/- 0.73 (128)	0.04[-0.15 to 0.23]	0.05
Follow-up (FU)				
FU SF-12 Physical	44.55 +/- 9.53 (129)	41.29 +/- 10.10 (171)	3.26[1.00 to 5.52]	0.33
FU WOMAC Knee Pain (0-100)	11.78 +/- 15.69 (252)	26.62 +/- 20.33 (252)	-14.84[-18.01 to -11.66]	-0.82
Time from Baseline to FU (months)				
Median <q1-q3> (n)	22.6<13.1-24.1> (252)	12.0<11.1 -12.7>(252)		
Mean +/-sd (n)	19.76 +/- 5.60 (252)	12.20 +/- 2.81 (252)	7.56[6.78 to 8.33]	1.71