

TABLE E -1. Gender comparison of baseline disability recorded by WOMAC and SF-36 outcome scales (mean \pm S.D.)

	Male	Female	P Value	
WOMAC	Pain	22 \pm 11.2	25.5 \pm 9.9	0.06
	Stiffness	9.2 \pm 5.1	12 \pm 5.2	0.003
	Function	72 \pm 34.8	87.2 \pm 38.9	NS
SF-36	Physical Summary	35.5 \pm 8.4	30.2 \pm 7.3	P < 0.001
	Normative (Physical)*	51.4 \pm 8.5	49.7 \pm 9.4	
	Mental Summary	51.9 \pm 11.9	51.6 \pm 10.9	NS
	Normative (Mental) *	52.6 \pm 8.5	50.9 \pm 9.6	

*Based on published survey of randomly selected Canadian adults²⁸.

Table E -2. Univariate associations (Chi-square, 1 degree of freedom) between predictor variables and WOMAC pain improvement at 2 years

Variable	Improved, % (n = 56)	No change, % (n = 70)	P Value*
<i>Demographics</i>			
Mean Age (yr ± SD)	60.8 ± 8.0	62.4 ± 9	NS
Female	59	49	NS
Obesity (BMI > 27)	69	66	NS
Morbid Obesity (BMI >33)	29	23	NS
<i>History</i>			
Acute injury	40	27	NS
Swelling	64	58	NS
Giving-way	40	39	NS
Locking	21	23	NS
Pain:			
Diffuse	63	67	NS
Local	86	91	NS
At rest	37	46	NS
Arising from chair	82	88	NS
With stairs	88	94	NS
<i>Physical Findings</i>			
Effusion:			
Visible	32	31	NS
Ballotment	33	30	NS
Sweep	44	44	NS
Flexion contracture	27	27	NS
Pain with full flexion	40	46	NS
Pain with full extension	41	40	NS
Tenderness:			
Medial joint line	96	82	0.04
Lateral joint line	24	33	NS
Special Tests:			
McMurray	58	56	NS
Steinman	63	38	0.01
Circumduction	79	69	NS
Instability:			
Varus	9	2	NS
Valgus	2	6	NS
Lachman	5	8	NS
<i>Radiographic signs</i>			
36-in (91-cm) standing:			
Tibiofemoral varus ($\leq 4^\circ$)	54	59	NS
Medial joint space ≤ 2 mm	47	44	NS
Lateral joint space ≤ 3 mm	14	12	NS
45° Posteroanterior weight-bearing:			
Medial joint space ≤ 2 mm	40	51	NS
Lateral joint space ≤ 2 mm	13	8	NS
<i>Arthroscopic findings</i>			
Medial compartment Grade III or IV	55	67	NS
Lateral compartment Grade III or IV	9	15	NS
Unstable meniscal tear	75	53	0.01

*Student t test. NS = not significant.