

TABLE E-1 WOMAC Values*

Parameter	Standard Open Reduction and Internal Fixation Group	Circular Fixator Group	P Value
Pain at 6 months	11.6 ± 9.4	12.1 ± 10.9	0.824
Pain at 12 months	13.6 ± 10.9	14.6 ± 12.0	0.725
Pain at 24 months	13.1 ± 10.3	12.8 ± 12.8	0.923
Stiffness at 6 months	9.0 ± 4.8	9.7 ± 5.3	0.559
Stiffness at 12 months	7.1 ± 4.8	8.4 ± 5.8	0.292
Stiffness at 24 months	7.2 ± 5.7	8.0 ± 5.1	0.604
Function at 6 months	46.1 ± 34.6	56.1 ± 39.7	0.261
Function at 12 months	40.6 ± 33.1	50.0 ± 40.1	0.290
Function at 24 months	46.7 ± 34.9	49.1 ± 41.9	0.827

*The values are given as the mean and the standard deviation. WOMAC = Western Ontario and McMaster Universities Osteoarthritis Index

TABLE E-2 Radiographic reduction parameters at one year

Parameter	Open Reduction and Internal Fixation Group				Circular Fixator Group			P Value
	0-2 mm	2-5 mm	>5 mm		0-2 mm	2-5 mm	>5 mm	
Displacement	0-2 mm	2-5 mm	>5 mm		0-2 mm	2-5 mm	>5 mm	
Medial plateau step (<i>no. of knees</i>)	32	2	1		31	5	1	0.194
Lateral plateau step (<i>no. of knees</i>)	29	4	2		25	11	1	0.148
Medial plateau depression (<i>no. of knees</i>)	31	3	1		31	4	2	0.590
Lateral plateau depression (<i>no. of knees</i>)	28	5	2		30	6	1	0.313
Gap	30	3	2		32	4	1	0.866
Metaphyseal-diaphyseal angulation	0°	1°-5°	>5°		0°	1°-5°	>5°	
No. of knees	26	5	4		24	7	6	0.236

SF-36 scores

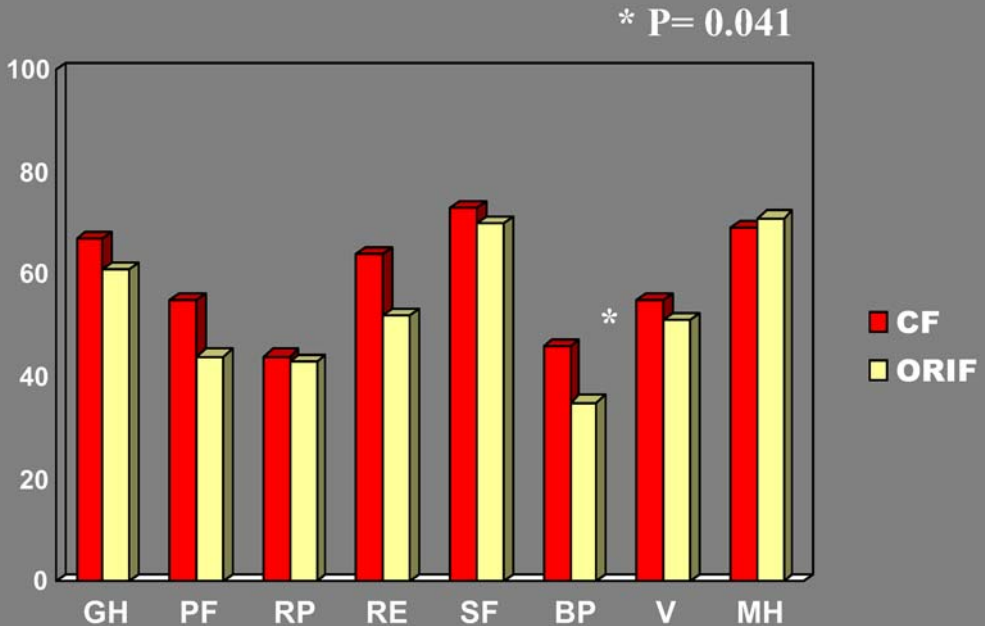


Fig. E-1

The Short Form-36 (SF-36) results for the study groups, showing the mean scores for general health (GH) (67 for the open reduction and internal fixation group (ORIF) and 61 for the circular fixator group (CF); $p = 0.394$), physical function (PF) (44 and 55, respectively; $p = 0.137$), role-physical (RP) (43 and 44; $p = 0.922$), role-emotional (RE) (52 and 64; $p = 0.316$), social function (SF) (70 and 73; $p = 0.734$), bodily pain (BP) (35 and 46; $p = 0.041$), vitality (V) (51 and 55; $p = 0.549$), and mental health (MH) (71 and 69; $p = 0.828$). All values were significantly inferior ($p < 0.05$) compared with population controls.