

Table 1. Participants' demographic characteristics and statistical data

		Good Δ flexion group (n=38)			Poor Δ flexion group (n=41)			p-value
Age, years		72.37	$\pm$	8.68	73.73	$\pm$	8.70	0.325 ^b
Height, cm		156.63	$\pm$	9.29	156.44	$\pm$	9.36	0.928 ^a
Weight, kg		63.49	$\pm$	11.46	65.49	$\pm$	13.18	0.864 ^b
BMI, kg/m ²		25.71	$\pm$	2.77	26.58	$\pm$	3.52	0.229 ^a
Gender, female/man		21/17			31/10			0.057 ^c
Operative side, right/left		22/16			20/21			0.552 ^c
α angle, °		96.74	$\pm$	2.43	96.39	$\pm$	2.06	0.535 ^b
β angle, °		91.11	$\pm$	2.04	90.24	$\pm$	1.55	0.033 ^b
γ angle, °		4.47	$\pm$	3.27	2.57	$\pm$	2.67	0.006 ^a
δ angle, °		84.79	$\pm$	2.86	85.20	$\pm$	2.37	0.493 ^a
Condylar twist angle, °		4.45	$\pm$	1.98	4.54	$\pm$	2.26	0.755 ^b
FTA, °	Pre-operation	180.42	$\pm$	8.17	182.59	$\pm$	6.12	0.130 ^b
	1-year postoperatively	172.08	$\pm$	3.14	173.37	$\pm$	2.86	0.060 ^a
Rest pain, mm	Pre-operation	20.63	$\pm$	25.89	16.17	$\pm$	15.41	0.820 ^b
	1-year postoperatively	10.97	$\pm$	17.88	9.32	$\pm$	19.96	0.108 ^b
Walking pain, mm	Pre-operation	51.97	$\pm$	30.84	48.63	$\pm$	24.78	0.596 ^a
	1-year postoperatively	17.74	$\pm$	21.02	13.12	$\pm$	21.16	0.080 ^b
Knee flexion angle, °	Pre-operation	127.24	$\pm$	16.09	141.32	$\pm$	9.40	0.001 ^a
	1-year postoperatively	130.11	$\pm$	11.97	123.85	$\pm$	11.58	0.021 ^a
Knee extension angle, °	Pre-operation	-3.18	$\pm$	5.49	-0.64	$\pm$	8.74	0.009 ^b
	1-year postoperatively	1.54	$\pm$	6.07	5.05	$\pm$	7.40	0.010 ^b
IKES, kgf	Pre-operation	16.16	$\pm$	10.56	16.10	$\pm$	8.77	0.620 ^b
	1-year postoperatively	18.63	$\pm$	8.78	20.12	$\pm$	10.25	0.413 ^b
KOOS Symptoms, %	Pre-operation	64.38	$\pm$	19.80	62.20	$\pm$	17.09	0.600 ^a
	1-year postoperatively	77.26	$\pm$	12.60	81.18	$\pm$	16.83	0.095 ^b
KOOS Pain, %	Pre-operation	54.90	$\pm$	22.81	53.93	$\pm$	16.59	0.831 ^a
	1-year postoperatively	78.00	$\pm$	15.80	85.16	$\pm$	14.28	0.028 ^b
KOOS ADL, %	Pre-operation	62.89	$\pm$	19.68	63.49	$\pm$	15.77	0.600 ^a
	1-year postoperatively	76.01	$\pm$	14.17	84.54	$\pm$	12.78	0.007 ^b
KOOS Sport/Rec, %	Pre-operation	28.16	$\pm$	24.89	27.68	$\pm$	24.06	0.832 ^b
	1-year postoperatively	43.82	$\pm$	25.51	49.27	$\pm$	29.30	0.340 ^b
KOOS QOL, %	Pre-operation	34.54	$\pm$	22.07	33.23	$\pm$	19.64	0.878 ^b
	1-year postoperatively	53.62	$\pm$	18.36	60.06	$\pm$	24.76	0.191 ^a

^a; unpaired t-test, ^b; Mann–Whitney U test, ^c; Pearson's chi-square test, p<0.05

BMI; Body mass index, FTA; Femorotibial angle, IKES; Isometric knee extension strength,

KOOS; Knee injury and osteoarthritis outcome score, ADL; Activities of daily living, QOL; Quality of life