

The following content was supplied by the authors as supporting material and has not been copy-edited or verified by JBJS.

Supplemental Table 1 Displays the number of TKA cases performed by each surgeon during the study period.

Surgeon	Count
1	72 (1.3%)
2	161 (3%)
3	765 (14.1%)
4	92 (1.7%)
5	114 (2.1%)
6	102 (1.9%)
7	123 (2.3%)
8	5 (0.1%)
9	65 (1.2%)
10	51 (0.9%)
11	364 (6.7%)
12	9 (0.2%)
13	54 (1%)
14	40 (0.7%)
15	47 (0.9%)
16	41 (0.8%)
17	121 (2.2%)
18	631 (11.6%)
19	56 (1%)
20	518 (9.5%)
21	92 (1.7%)
22	46 (0.8%)
23	177 (3.3%)
24	25 (0.5%)
25	79 (1.5%)
26	528 (9.7%)
27	41 (0.8%)
28	10 (0.2%)
29	60 (1.1%)
30	57 (1%)

31	19 (0.3%)
32	168 (3.1%)
33	58 (1.1%)
34	397 (7.3%)
35	201 (3.7%)
36	40 (0.7%)

Supplemental Table 2 Displays the differences between patients who completed one-year PROMs and patients who did not complete one-year PROMs.

Variable	Level	Total (N=6760)	1Y Responders (N=5429)	1Y Non- Responders (N=1331)	Pvalue
Age		66.0 [60.0;72.0]	67.0 [60.0;73.0]	64.0 [57.0;71.0]	<0.001
Sex	F	4081 (60.4%)	3254 (59.9%)	827 (62.1%)	0.151
	M	2679 (39.6%)	2175 (40.1%)	504 (37.9%)	
BMI		32.1 [28.0;36.9]	31.9 [27.9;36.6]	32.8 [28.2;37.9]	<0.001
Race	White	5178 (81.6%)	4329 (84.9%)	849 (68.4%)	<0.001
	Black	958 (15.1%)	645 (12.6%)	313 (25.2%)	
	Other	206 (3.25%)	127 (2.49%)	79 (6.37%)	
Education		14.0 [12.0;16.0]	14.0 [12.0;16.0]	12.0 [12.0;15.0]	<0.001
Smoking	Never	3820 (56.5%)	3072 (56.6%)	748 (56.2%)	<0.001
	Quit 6m+	2227 (33.0%)	1868 (34.4%)	359 (27.0%)	
	Quit <6m	242 (3.58%)	181 (3.33%)	61 (4.59%)	
	Current	469 (6.94%)	307 (5.66%)	162 (12.2%)	
CCI		0.00 [0.00;1.00]	0.00 [0.00;1.00]	0.00 [0.00;1.00]	0.068
Insurance	Commercial/Private/Other	1916 (37.8%)	1571 (38.2%)	345 (35.7%)	<0.001
	Medicaid/Medicare	3094 (61.0%)	2497 (60.8%)	597 (61.8%)	
	Self-Pay	64 (1.26%)	40 (0.97%)	24 (2.48%)	
ADI		47.0 [28.0;69.0]	46.0 [27.0;66.0]	54.0 [32.0;77.0]	<0.001
T ₀ KOOS-Pain		38.9 [30.6;50.0]	41.7 [30.6;50.0]	36.1 [22.2;44.4]	<0.001
T ₀ KOOS-PS		51.2 [42.0;62.0]	48.5 [42.0;57.9]	54.4 [46.1;71.8]	<0.001
T ₀ MCS		51.7 [41.5;60.7]	52.8 [43.0;61.3]	46.0 [36.7;56.6]	<0.001
Surgery Start Time	AM	5006 (74.1%)	4057 (74.8%)	949 (71.3%)	0.011

	PM	1752 (25.9%)	1370 (25.2%)	382 (28.7%)	
Anesthesia	General	1675 (24.8%)	1275 (23.5%)	400 (30.1%)	<0.001
	Spinal	4863 (71.9%)	3981 (73.3%)	882 (66.3%)	
	Other	222 (3.28%)	173 (3.19%)	49 (3.68%)	
Femoral Fixation	Uncemented	764 (11.7%)	604 (11.5%)	160 (12.4%)	0.399
	Cemented	5757 (88.3%)	4630 (88.5%)	1127 (87.6%)	
PolyType	CR	1630 (25.0%)	1296 (24.7%)	334 (25.9%)	.
	CS-UC	2135 (32.7%)	1778 (33.9%)	357 (27.7%)	
	PS	2410 (36.9%)	1908 (36.4%)	502 (39.0%)	
	TS	251 (3.85%)	182 (3.47%)	69 (5.36%)	
	Hinge	16 (0.25%)	12 (0.23%)	4 (0.31%)	
	Other	84 (1.29%)	62 (1.18%)	22 (1.71%)	
PolyThickness	9-13	6004 (92.0%)	4837 (92.3%)	1167 (90.6%)	0.045
	14+	522 (8.00%)	401 (7.66%)	121 (9.39%)	
Robotics	No	2655 (91.6%)	2173 (91.6%)	482 (91.8%)	0.951
	Yes	242 (8.35%)	199 (8.39%)	43 (8.19%)	

ADI: area deprivation index; BMI: body mass index; CCI: Charlson comorbidity index; CR: cruciate retaining; CS-UC: cruciate substituting ultra-congruent; KOOS: Knee Injury and Osteoarthritis Outcome Score; KOOS-PS: KOOS-Physical Function Shortform; MCS: mental component score; PS: posterior stabilized; T₀: baseline.