

TABLE E-1 Sample Size and Number of Patients Who Had Died by the Time of the Routine Clinical Evaluations*

Time	Unilateral Group (n = 1796)	Simultaneous Bilateral Group (n = 2050)	Staged Bilateral Group (n = 152)
1 year	1606 (21; 169)	1906 (25; 119)	148 (1; 3)
3 years	980 (52; 764)	1385 (58; 607)	119 (2; 31)
5 years	588 (87; 1121)	951 (98; 1001)	101(3; 48)
7 years	383 (102; 1311)	559 (130; 1361)	42 (8; 102)
10 years	123 (141; 1532)	241 (168; 1641)	7 (10; 135)
12 years	52 (150; 1594)	125 (178; 1747)	5 (11; 136)
15 years	6 (159; 1631)	27 (187; 1836)	1 (12; 139)

*The values are given as the number of patients seen at the time of follow-up, with the number of patients who had died and the number of patients who were either lost to follow-up or who had total knee replacement surgery more recently than the indicated time-period in parentheses.

TABLE E-2 Mean Knee Society Scores

Time of Examination	Unilateral Group	Simultaneous Bilateral Group	Staged Bilateral Group
Preoperative	50.0 (1632)	50.7 (3764)	52.3 (264)
3 years	89.2 (955)	90.2 (2578)	92.4 (172)
5 years	90.6 (547)	91.9 (1727)	90.7 (116)
7 years	89.1 (291)	91.3 (1027)	87.4 (64)
10 years	84.8 (118)	86.5 (456)	84.8 (20)
12 years	85.6 (45)	87.1 (251)	78.2 (6)
15 years	80.6 (12)	88.6 (68)	62 (2)

*The values are given as the mean score, with the number of patients in parentheses.

TABLE E-3 Kaplan-Meier Survival of Prostheses with Failure Defined as Revision of Any Component

Comparison	P Values		
	Wilcoxon Test	Log-Rank Test	-2Log (LR) Test*
Simultaneous bilateral compared with unilateral	0.3869	0.5802	0.4096
Unilateral compared with staged bilateral	0.9516	0.5664	0.5679
Simultaneous bilateral compared with staged bilateral	0.6203	0.4725	0.3290

*LR = likelihood ratio.

TABLE E-4 Kaplan Meier Survival of Patients with Failure Defined as Death

Comparison	P Values		
	Wilcoxon Test	Log-Rank Test	-2Log (LR) Test*
Simultaneous bilateral compared with unilateral	0.1827	0.0062	0.0807
Unilateral compared with staged bilateral	0.2541	0.3445	0.3468
Simultaneous bilateral compared with staged bilateral	0.5155	0.9277	0.7798

*LR = likelihood ratio.