

TABLE E-1 Characteristics of 37,223 Patients Who Underwent Primary Knee Arthroplasty in the Period from 1997 to 2007 in Denmark

Predictors	Procedures (N = 37,223)
Sex	
Female	23,763 (63.8%)
Male	13,460 (36.1%)
Age (yr)	
10-49	1742 (4.7%)
50-59	6081 (16.3%)
60-69	12,167 (32.7%)
70-79	12,404 (33.3%)
≥80	4,829 (13.0%)
Primary knee diagnosis	
Primary osteoarthritis	30,023 (80.7%)
Secondary osteoarthritis	3966 (10.6%)
Rheumatoid arthritis	1626 (4.4%)
Other diagnoses	1608 (4.3%)
Charlson comorbidity index	
Low score (0)	25,262 (67.9%)
Medium score (1-2)	10,117 (27.2%)
High score (≥3)	1844 (4.9%)
Specific comorbidities*	
Previous deep venous thrombosis and pulmonary embolism	934 (2.5%)
Cardiovascular diseases	4153 (11.2%)
Liver and kidney diseases	757 (2.0%)
Cancer within one year before surgery	224 (0.6%)
Cancer more than a year before surgery	3155 (8.5%)
Diabetes	1654 (4.4%)
Surgery type	
Total knee	34,453 (92.6%)
Partial knee (medial or lateral)	2464 (6.6%)
Other surgery	306 (0.7%)
Laterality	
One knee replaced	25,871 (69.5%)
Both knees replaced	11,352 (30.5%)
Type of anesthesia†	
Regional	28,213 (75.8%)
General	7701 (20.7%)
Combination general and regional	964 (2.6%)
Other	264 (0.7%)
Duration of surgery (min)‡	
≤60	10,322 (27.7%)
61-120	25,462 (68.4%)

≥ 121	1339 (3.6%)
Year of surgery	
1997-1999	4883 (13.2%)
2000-2003	11,962 (32.1%)
2004-2007	20,378 (54.7%)
Length of hospital stay§	
0-6 days	10,781 (30.1%)
7-10 days	13,576 (37.8%)
≥ 11 days	11,502 (32.1%)

*Some patients had hospitalizations with several diseases before primary knee replacement surgery.

†There were eighty-one missing observations. ‡There were 100 missing observations. §There were 1364 missing observations.