

## Supplementary data

Table 2. Distribution of number and corresponding proportions or means and corresponding standard deviation of patient characteristics and comorbidities among the general anesthesia and spinal anesthesia groups before and after matching based on propensity scores for a randomly selected imputation set. Values are frequency (%) unless otherwise stated

Factor	Before matching			After matching		
	Spinal anesthesia (n = 2,279)	General anesthesia (n = 1,630)	Standardized difference	Spinal anesthesia (n = 1,630)	General anesthesia (n = 1,630)	Standardized difference
Age, mean (SD)	70 (9.5)	67 (10.1)	-0.25	68 (9.7)	67 (10.1)	-0.08
Male sex	789 (35)	597 (36.6)	0.04	607 (37)	597 (37)	0.00
BMI, mean (SD)	28.71 (4.7)	29.7 (5.2)	0.13	29.14 (4.9)	29.37 (5.2)	0.05
ASA 1	348 (15)	221 (14)	-0.05	236 (15)	221 (14)	-0.03
ASA 2	1,614 (71)	1,049 (64)	-0.14	1,105 (68)	1,049 (64)	-0.06
ASA 3	306 (13)	344 (21)	0.19	279 (17.1)	344 (21.1)	0.09
ASA 4	11 (0.5)	15 (0.9)	0.05	10 (0.6)	15 (0.9)	0.03
Active smoker	231 (11)	223 (14)	0.11	201 (12)	232 (14.2)	0.05
TKA	1,082 (47.5)	716 (43.9)	-0.07	735 (45.1)	716 (44)	-0.02
2014	674 (30)	286 (18)	-0.32	298 (18)	286 (18)	-0.02
2015	591 (26)	391 (24)	-0.05	425 (26)	391 (24)	-0.06
2016	488 (21)	518 (32)	0.22	465 (29)	518 (32)	0.07
2017	526 (23)	435 (27)	0.08	442 (27)	435 (27)	0.00

BMI: body mass index, TKA: total knee arthroplasty.

Table 3. Number of patients requiring revision surgery within 3 months of index surgery

Cause	n
Recurrent dislocation	7
Periprosthetic fracture	8
Spinout of insert	1
Femoral stem subsidence	1
Total	17