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**Appendix Table 1.** Comorbidity burden for total hip arthroplasty patients included and excluded from the study sample based on American Society of Anesthesiologist's classification.

<b>Characteristic, n (%) unless specified</b>	<b>Included: ASA <math>\geq 3</math></b>		<b>Excluded: ASA 1-2</b>	
	<b>Same-day*</b>	<b>Inpatient</b>	<b>Same-day*</b>	<b>Inpatient</b>
Total N	1,742	3,508	4710	5054
Age, in years, mean (SD)	67.8 (9.2)	71.0 (9.9)	63.5 (9.4)	66.3 (9.9)
BMI, in kg/m <sup>2</sup> , mean (SD)	31.2 (5.7)	30.5 (6.0)	28.4 (4.7)	28.4 (4.9)
Elixhauser comorbidities				
Total, median (IQR)	3 (2-5)	4 (2-5)	1 (1-3)	2 (1-3)
AIDS	11 (0.6)	8 (0.2)	7 (0.1)	6 (0.1)
Alcohol abuse	110 (6.3)	176 (5.0)	150 (3.2)	154 (3.0)
Chronic blood loss anemia	5 (0.3)	37 (1.1)	10 (0.2)	47 (0.9)
Chronic pulmonary disease	457 (26.2)	1015 (28.9)	656 (13.9)	793 (15.7)
Coagulopathy	57 (3.3)	154 (4.4)	34 (0.7)	87 (1.7)
Congestive heart failure	82 (4.7)	313 (8.9)	23 (0.5)	47 (0.9)
Deficiency anemia	165 (9.5)	626 (17.8)	244 (5.2)	469 (9.3)
Depression	208 (11.9)	636 (18.1)	403 (8.6)	611 (12.1)
Diabetes	505 (29.0)	1059 (30.2)	457 (9.7)	686 (13.6)
Drug abuse	66 (3.8)	126 (3.6)	83 (1.8)	103 (2.0)
Fluid and electrolyte disorders	72 (4.1)	336 (9.6)	90 (1.9)	264 (5.2)
Hypertension	1279 (73.4)	2701 (77.0)	2056 (43.7)	2509 (49.6)
Hypothyroidism	291 (16.7)	669 (19.1)	547 (11.6)	723 (14.3)
Liver disease	120 (6.9)	242 (6.9)	155 (3.3)	187 (3.7)
Lymphoma	11 (0.6)	31 (0.9)	10 (0.2)	11 (0.2)
Metastatic cancer	12 (0.7)	34 (1.0)	21 (0.4)	18 (0.4)
Obesity	896 (51.4)	1674 (47.7)	1396 (29.6)	1614 (31.9)
Other neurological disorders	107 (6.1)	293 (8.4)	127 (2.7)	198 (3.9)
Paralysis	15 (0.9)	73 (2.1)	6 (0.1)	24 (0.5)
Peptic ulcer disease/bleeding	18 (1.0)	30 (0.9)	12 (0.3)	28 (0.6)
Peripheral vascular disease	520 (29.9)	1321 (37.7)	586 (12.4)	852 (16.9)
Psychoses	185 (10.6)	338 (9.6)	300 (6.4)	338 (6.7)
Pulmonary circulation disease	12 (0.7)	32 (0.9)	6 (0.1)	14 (0.3)
Renal failure	312 (17.9)	731 (20.8)	257 (5.5)	440 (8.7)
Rheumatoid arthritis/collagen vascular diseases	128 (7.3)	268 (7.6)	183 (3.9)	216 (4.3)
Solid tumor without metastasis	99 (5.7)	175 (5.0)	150 (3.2)	113 (2.2)
Valvular disease	120 (6.9)	415 (11.8)	84 (1.8)	151 (3.0)
Weight loss	9 (0.5)	66 (1.9)	9 (0.2)	33 (0.7)

ASA=American Society of Anesthesiologist's. IQR=interquartile range. SD=standard deviation.

\* Same-day discharge defined as 0-night in-hospital length of stay; inpatient defined as  $\geq 1$ -night in-hospital stay.

**Appendix Table 2.** Comorbidity burden for total knee arthroplasty patients included and excluded from the study sample based on American Society of Anesthesiologist's classification.

<b>Characteristic, n (%) unless specified</b>	<b>Included: ASA <math>\geq 3</math></b>		<b>Excluded: ASA 1-2</b>	
	<b>Same-day*</b>	<b>Inpatient</b>	<b>Same-day*</b>	<b>Inpatient</b>
Total N	3,283	6,469	6956	9286
Age, in years, mean (SD)	68.5 (8.3)	70.5 (8.6)	65.7 (8.1)	67.7 (8.5)
BMI, in kg/m <sup>2</sup> , mean (SD)	32.6 (5.6)	32.4 (5.9)	30.1 (4.6)	30.3 (4.8)
Elixhauser comorbidities				
Total, median (IQR)	3 (2-5)	4 (2-5)	2 (1-3)	2 (1-4)
AIDS	10 (0.3)	9 (0.1)	2 (0.0)	8 (0.1)
Alcohol abuse	96 (2.9)	252 (3.9)	153 (2.2)	230 (2.5)
Chronic blood loss anemia	13 (0.4)	55 (0.9)	14 (0.2)	63 (0.7)
Chronic pulmonary disease	905 (27.6)	1807 (27.9)	1016 (14.6)	1571 (16.9)
Coagulopathy	95 (2.9)	266 (4.1)	81 (1.2)	186 (2.0)
Congestive heart failure	161 (4.9)	583 (9.0)	49 (0.7)	102 (1.1)
Deficiency anemia	319 (9.7)	1060 (16.4)	385 (5.5)	938 (10.1)
Depression	443 (13.5)	1138 (17.6)	648 (9.3)	1155 (12.4)
Diabetes	1124 (34.2)	2484 (38.4)	1186 (17.1)	2132 (23.0)
Drug abuse	66 (2.0)	170 (2.6)	81 (1.2)	142 (1.5)
Fluid and electrolyte disorders	145 (4.4)	529 (8.2)	127 (1.8)	467 (5.0)
Hypertension	2578 (78.5)	5156 (79.7)	3752 (53.9)	5621 (60.5)
Hypothyroidism	570 (17.4)	1222 (18.9)	961 (13.8)	1493 (16.1)
Liver disease	227 (6.9)	519 (8.0)	252 (3.6)	487 (5.2)
Lymphoma	16 (0.5)	35 (0.5)	17 (0.2)	18 (0.2)
Metastatic cancer	28 (0.9)	67 (1.0)	22 (0.3)	42 (0.5)
Obesity	1819 (55.4)	3719 (57.5)	2725 (39.2)	4115 (44.3)
Other neurological disorders	198 (6.0)	578 (8.9)	207 (3.0)	354 (3.8)
Paralysis	35 (1.1)	94 (1.5)	9 (0.1)	30 (0.3)
Peptic ulcer disease/bleeding	25 (0.8)	58 (0.9)	26 (0.4)	49 (0.5)
Peripheral vascular disease	904 (27.5)	2180 (33.7)	896 (12.9)	1673 (18.0)
Psychoses	323 (9.8)	610 (9.4)	423 (6.1)	567 (6.1)
Pulmonary circulation disease	20 (0.6)	54 (0.8)	6 (0.1)	22 (0.2)
Renal failure	532 (16.2)	1353 (20.9)	464 (6.7)	817 (8.8)
Rheumatoid arthritis/collagen vascular diseases	187 (5.7)	370 (5.7)	204 (2.9)	347 (3.7)
Solid tumor without metastasis	126 (3.8)	276 (4.3)	167 (2.4)	203 (2.2)
Valvular disease	216 (6.6)	619 (9.6)	111 (1.6)	300 (3.2)
Weight loss	20 (0.6)	70 (1.1)	17 (0.2)	41 (0.4)

ASA=American Society of Anesthesiologist's. IQR=interquartile range. SD=standard deviation.

\* Same-day discharge defined as 0-night in-hospital length of stay; inpatient defined as  $\geq 1$ -night in-hospital stay.