

Supplementary article data

Does BMI influence hospital stay and morbidity after fast-track hip and knee arthroplasty?

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Table 2. Distribution of complications of interest leading to LOS > 4 days or readmissions

Joint of surgery BMI	LOS > 4 days, n (% [95%CI] of totals)	Readmissions, n (% [95%CI] of totals)
Hip		
<18.5 n = 77	1 Cerebral stroke Total: 1 (1.3% [0.2–7.0])	1 Planned revision Total: 1 (1.3% [0.2–7.0])
18.5–24.9 n = 2,396	1 AMI 1 Cerebral stroke/TCI 2 Pulmonary embolisms 7 Hip dislocations 3 Intraoperative fractures 4 Prosthetic malfunction 3 Fractures w/o trauma Total: 21 (0.9% [0.6–1.3])	5 AMI 1 Cardiac arrest 4 Cerebral stroke/TCI 4 Pulmonary embolisms 6 DVTs 42 Hip dislocations 12 Fractures w/o trauma 5 Planned revisions 13 Deep infections 4 Superficial infections Total: 96 (4.0% [3.3–4.9])
25.0–29.9 n = 3,008	2 AMI 1 Cerebral stroke/TCI 1 Pulmonary embolism 1 DVT 2 Hip dislocations 4 Perioperative fractures 4 Prosthetic malfunction 3 Fractures while mobilizing 2 Fractures w/o trauma 2 Wound infections Total: 22 (0.7% [0.5–1.1])	7 AMI 4 Cerebral stroke/TCI 5 Pulmonary embolisms 6 DVTs 49 Hip dislocations 18 Fractures w/o trauma 5 Planned revisions 18 Deep infections 2 Superficial infections Total: 114 (3.8% [3.2–4.5])

30.0–34.9 n = 1,329	1 AMI 3 Cerebral strokes/TCI 2 Hip dislocations 1 Fracture while mobilizing 3 Perioperative fractures 3 Prosthetic malfunction 1 Fracture w/o trauma 1 Dehiscence Total: 15 (1.1% [0.7–1.9])	6 Cerebral stroke/TCI 1 Arterial embolism 3 Pulmonary embolisms 6 DVTs 29 Hip dislocations 4 Fractures w/o trauma 7 Planned revisions 20 Deep infections Total: 76 (5.7% [4.6–7.1])
35.0–39.9 n = 299	1 DVT 1 Hip dislocation 3 Fractures w/o trauma Total: 5 (1.7% [0.7–3.9])	3 Cerebral stroke/TCI 1 Pulmonary embolism 4 Hip dislocation 2 Fractures w/o trauma 3 Planned revisions 7 Deep infections 1 Superficial infection Total: 21 (7.0% [4.6–10.5])
>39.9 n = 85	1 Cerebral stroke/TCI 2 Fractures w/o trauma Total: 3 (3.5% [1.2–9.9])	1 Hip dislocation 2 Deep infections Total: 3 (3.5% [1.2–9.9])
Knee		
<18.5 n = 29	–	–
18.5–24.9 n = 1,250	1 Cerebral stroke/TCI 2 Perioperative fractures 1 Lesion of the popliteal artery 1 Fracture w/o trauma 1 Deep infection 2 Superficial infections Total: 8 (0.6% [0.3–1.3])	1 ACS/unstable angina 3 DVTs 1 Planned revision 15 Deep infections 3 Superficial infections Total: 23 (1.8% [1.2–2.8])
25.0–29.9 n = 2,524	3 Cerebral stroke/TCI 1 Arterial embolism 4 Pulmonary embolisms 1 DVT 1 Lesion of the popliteal artery Total: 10 (0.4% [0.2–0.7])	1 AMI 3 ACS/unstable angina 1 Pulmonary embolism 3 DVTs 1 Prosthetic malfunction 1 Fracture w/o trauma 2 Planned revisions 18 Deep infections 1 Superficial infection Total: 31 (1.2% [0.9–1.7])
30.0–34.9 n = 1,745	1 Arterial embolism 4 Pulmonary embolisms Total: 5 (0.3% [0.1–0.7])	1 AMI 1 ACS/unstable angina 3 Pulmonary embolisms 2 DVTs 2 Planned revisions 10 Deep infections 2 Superficial infections Total: 21 (1.2% [0.8–1.8])
35.0–39.9 n = 699	1 Cerebral stroke/TCI 1 Intraoperative fracture Total: 2 (0.3% [0.08–1.0])	2 AMI 1 Cardiac arrest 1 Angina 3 Pulmonary embolisms 5 Deep infections 1 Superficial infection Total: 13 (1.9% [1.1–3.2])
>39.9 n = 289	1 Pulmonary embolism 1 DVT 2 Superficial infections Total: 4 (1.4% [0.5–3.5])	2 DVTs 6 Deep infections 1 Superficial infection Total: 9 (3.1% [1.6–5.8])
<p>AMI: acute myocardial infarction; w/o: without; DVT: deep venous thrombosis; TCI: transient cerebral ischemia; ACS: acute coronary syndrome Prosthetic malfunctions are acetabular cup component malposition requiring surgical intervention for the hip and a loose polyethylene locking bar requiring surgical intervention for the knee. Patents with both LOS>4 and a readmission or multiple readmissions are counted more than once.</p>		