

Supplementary data

Table 1. Discharge criteria for discharge on DOS

DOS discharge criteria
<ul style="list-style-type: none"> • < 500 ml intraoperative blood loss • Back in ward before 15.00 hours • Received instruction from physiotherapist and is safely mobilized • No clinical symptoms of anemia • Pain < 3 while resting, < 5 during mobilization • Spontaneous micturition • Postoperative radiographs performed and approved • Relatives or friends with patient for initial 24 postoperative hours • Motivated and accepts same-day discharge • Can be discharged before 20.00 hours • Fulfillment of functional discharge criteria (below)
Functional discharge criteria
<ul style="list-style-type: none"> • Able to get dressed independently • Able to get in and out of bed • Able to sit and rise from a chair/toilet • Independent in personal care • Mobilized with walker/crutches • Able to walk > 70 m with walker/crutches

Table 3. Reason for LOS (length of stay) > 4 days for matched patients in the control cohort

Patient no.	Reason for LOS > 4 days
1	No specific reason identified
2	Chest pain on postop day 1 All tests normal
3	Subtrochanteric fracture on postop day 2
4	Paralytic ileus on postop day 3 conservatively treated

Table 4. Readmission within 90 days following surgery for outpatient patients (n = 116)

Complication type	Specific complication (n = 7)	Postoperative day no. for readmission
Infection (n = 1)	Periprosthetic infection	Treated with debridement and irrigation 48
Thromboembolism (n = 2)	Clinical suspicion of DVT	Ruled out by ultrasound 6, 9
Fracture (n = 2)	Periprosthetic fracture due to fall	Revised with revision THA 6
	Periprosthetic fracture without trauma	ORIF with cables 25
Urologic (n = 2)	Post renal kidney failure due to urinary retention	Treated with urinary catheter and fluids 2
	Urinary retention	Treated with urinary catheter 7

Table 5. Readmission within 90 days following surgery for matched patients (n = 339)

Complication type	Specific complication (n = 13)	Postoperative day no. for readmission
Infection (n = 3)	Periprosthetic infections (2)	Treated with debridement and irrigation 14, 58
	Suspicion of superficial wound infection (1)	Treated with antibiotics 17
Thromboembolism (n = 6)	Clinical suspicion of DVT (5)	Ruled out by ultrasound 4, 7, 8, 14, 26
	Clinical suspicion of DVT, confirmed by ultrasound (1)	Treated with anticoagulants 5
Cardiac (n = 1)	Dyspnea, all tests normal. Hemoglobin measured at 9.4 g/dl	Treated with oral iron 9
Gastrointestinal (n = 1)	Abdominal pain due to Ogilvie syndrome	7
Fracture (n = 1)	Fall and contralateral femoral neck fracture	51
Pulmonary (n = 1)	Acute COPD exacerbation	47

COPD = Chronic obstructive pulmonary disease