Supplementary data

Table 1. Discharge criteria for discharge on DOS

| DOS discharge criteria                                                                 |
|----------------------------------------------------------------------------------------|
| • < 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                                                          |
| • 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 |
| Urologic (n = 2) | Periprosthetic fracture without trauma | ORIF with cables 25 |
|                  | 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 |
| Thromboembolism (n = 6) | Suspicion of superficial wound infection (1) | Treated with antibiotics 17 |
|                  | 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 |
|                  | Dyspnea, all tests normal. Hemoglobin measured at 9.4 g/dl | Treated with oral iron 9 |
|                  | Abdominal pain due to Ogilvie syndrome | 7 |
|                  | Fall and contralateral femoral neck fracture | 51 |
|                  | Acute COPD exacerbation         | 47 |

COPD = Chronic obstructive pulmonary disease