## Supplementary data

Table 3. EQ-5D-3L data in THR patients with complete responses preoperatively and 1 year postoperatively. Values are n (%)  

| Responds | Not fast-track | Fast-track | Unknown | Not fast-track | Fast-track | Unknown |
|----------|----------------|------------|---------|----------------|------------|---------|
| **Mobility** | | | | | | |
| No problems | 19,237 (75) | 27,615 (77) | 4,317 (65) | 19,237 (75) | 27,615 (77) | 4,317 (65) |
| Some problems | 1,569 (8.2) | 2,296 (8.3) | 376 (8.7) | 11,682 (61) | 17,066 (62) | 2,804 (65) |
| Extreme problems | 43 (0.2) | 67 (0.2) | 19 (0.3) | 25 (0.1) | 29 (0.1) | 7 (0.2) |
| **Self-care** | | | | | | |
| No problems | 15,047 (76) | 21,550 (78) | 3,408 (79) | 17,804 (93) | 25,920 (94) | 4,031 (93) |
| Some problems | 4,006 (21) | 5,849 (21) | 882 (20) | 1,336 (6.9) | 1,574 (5.7) | 263 (6.1) |
| Extreme problems | 184 (1.0) | 216 (0.8) | 27 (0.6) | 97 (0.5) | 121 (0.4) | 23 (0.5) |
| **Usual activities** | | | | | | |
| No problems | 7,730 (40) | 11,088 (40) | 1,654 (38) | 14,891 (77) | 21,960 (80) | 3,424 (79) |
| Some problems | 9,707 (51) | 14,010 (51) | 2,273 (53) | 3,965 (21) | 5,188 (19) | 826 (19) |
| Extreme problems | 1,800 (9.4) | 2,517 (9.1) | 390 (9.0) | 381 (2.0) | 467 (1.7) | 67 (1.6) |
| **Pain/Discomfort** | | | | | | |
| No problems | 74 (2.1) | 78 (1.6) | 16 (0.6) | 1,171 (34) | 1,847 (37) | 95 (19) |
| Some problems | 1,217 (35) | 2,044 (41) | 736 (21) | 985 (20) | | |
| Extreme problems | 162 (4.7) | 246 (5.0) | 56 (1.6) | 83 (1.7) | | |

Table 7. EQ-5D-3L data in TKR patients with complete responses preoperatively and 1 year postoperatively. Values are n (%)  

| Responds | Not fast-track | Fast-track | Unknown | Not fast-track | Fast-track | Unknown |
|----------|----------------|------------|---------|----------------|------------|---------|
| **Mobility** | | | | | | |
| No problems | 279 (1.5) | 397 (1.4) | 71 (1.6) | 8564 (45) | 12752 (46) | 2172 (50) |
| Some problems | 11,033 (58) | 15,839 (57) | 2,539 (59) | 9,750 (51) | 13,677 (50) | 1,948 (45) |
| Extreme problems | 7865 (41) | 11,379 (41) | 1,708 (40) | 922 (4.8) | 1,186 (4.3) | 197 (4.6) |
| **Self-care** | | | | | | |
| No problems | 11,466 (60) | 16,412 (59) | 2,747 (64) | 15,039 (78) | 22,022 (80) | 3,506 (81) |
| Some problems | 7,197 (37) | 10,316 (37) | 1,444 (33) | 3,903 (20) | 5,227 (19) | 747 (17) |
| Extreme problems | 574 (3.0) | 887 (3.2) | 126 (2.9) | 295 (1.5) | 366 (1.3) | 64 (1.5) |
| **Usual activities** | | | | | | |
| No problems | 2,071 (60) | 2,653 (54) | 2,658 (77) | 3,875 (78) | | |
| Some problems | 1,217 (35) | 2,044 (41) | 736 (21) | 985 (20) | | |
| Extreme problems | 162 (4.7) | 246 (5.0) | 56 (1.6) | 83 (1.7) | | |
| **Pain/Discomfort** | | | | | | |
| No problems | 2,222 (64) | 2,964 (60) | 2,092 (61) | 2,837 (57) | | |
| Some problems | 1,154 (33) | 1,901 (39) | 187 (5.4) | 259 (5.2) | | |
| Extreme problems | 90 (2.6) | 95 (1.9) | 79 (2.3) | 69 (1.4) | | |
### Table 9. Mean values (SD) and change (Delta (SD)) in KOOS data in TKR patients with complete responses preoperatively and 1 year postoperatively

| KOOS subscale | Not fast-track | Fast-track | Not fast-track | Fast-track | Delta |
| --- | --- | --- | --- | --- | --- |
| Preoperatively | 1 year postoperatively | Preoperatively | 1 year postoperatively | Preoperatively | 1 year postoperatively |
| Responses | 3,450 (76) | 4,652 (63) | 3,450 (76) | 4,652 (63) | 27 (21) | 31 (21) |
| Symptoms | 49 (18) | 46 (18) | 76 (17) | 77 (17) | 27 (21) | 31 (21) |
| Pain | 41 (15) | 40 (15) | 79 (19) | 81 (19) | 38 (21) | 41 (21) |
| Daily activity | 47 (16) | 45 (16) | 78 (19) | 79 (19) | 31 (20) | 34 (20) |
| Sports/rec. | 12 (14) | 11 (14) | 36 (27) | 38 (27) | 24 (27) | 27 (27) |
| QoL | 24 (14) | 22 (14) | 64 (24) | 65 (24) | 40 (25) | 42 (25) |

### Table 10. Multivariable regression analysis of EQ5D Index 1 year after TKR with 95% confidence interval (CI) with adjustments for pre EQ index, year of operation, demographic and procedure-specific variables

| Estimate (CI) | Not fast-track | Fast-track |
| --- | --- | --- |
| Pre EQ index | 0.292 (0.271 to 0.312) |
| Female sex | –0.004 (–0.009 to 0.000) |
| BMI | –0.002 (–0.002 to –0.001) |
| Charnley B | –0.007 (–0.012 to –0.001) |
| Charnley C | –0.048 (–0.054 to –0.042) |
| Year of operation | 0.002 (0.000 to 0.004) |
| Anesthesia | 0.009 (0.014 to –0.004) |
| No tourniquet | 0.030 (0.013 to 0.047) |
| Operation time | 0.000 (0.000 to 0.007) |
| 30–60 min | –0.002 (–0.007 to 0.003) |
| >90 min | –0.007 (–0.014 to –0.001) |

### Table 11. Multivariable regression analysis of EQ5D Index 1 year after THR with 95% confidence interval (CI) with adjustments for age, sex, BMI, Charnley class, preop EQ VAS, year of operation, implant fixation method and surgical approach

| Estimate (CI) | Not fast-track | Fast-track |
| --- | --- | --- |
| Pre EQ Index | 0.238 (0.230 to 0.246) |
| Age | –0.001 (–0.001 to –0.001) |
| Female sex | –0.011 (–0.013 to –0.010) |
| BMI | –0.002 (–0.002 to –0.001) |
| Charnley B | –0.007 (–0.012 to –0.001) |
| Charnley C | –0.048 (–0.054 to –0.042) |
| Year of operation | 0.002 (0.000 to 0.004) |
| Anesthesia | 0.009 (0.014 to –0.004) |
| No tourniquet | 0.030 (0.013 to 0.047) |
| Operation time | 0.000 (0.000 to 0.007) |
| 30–60 min | –0.002 (–0.007 to 0.003) |
| >90 min | –0.007 (–0.014 to –0.001) |