

Supplementary data

Table 2. Types of implants used as primary treatment

| Implant | n (%) | n (%) |
|------------------------------------|----------|------------|
| Screws or pins | | 1,111 (41) |
| Olmed (DePuy) | 650 (59) | |
| Richards CHP (Smith and Nephew) | 297 (27) | |
| Hansson Pin System (Swemac) | 118 (11) | |
| Asnis III (Stryker) | 46 (4.1) | |
| Hemiarthroplasty | | 1,030 (38) |
| Exeter/V40, Cemented (Stryker) | 360 (35) | |
| Corail, Uncemented (DePuy) | 235 (23) | |
| Charnley, Cemented (DePuy) | 137 (13) | |
| Charnley Modular, Cemented (DePuy) | 63 (6.1) | |
| Lubinus SP II, Cemented (Link) | 59 (5.7) | |
| Other | 176 (17) | |
| Total hip arthroplasty | | 572 (21) |
| Corail, Uncemented (DePuy) | 170 (30) | |
| Exeter, Cemented (Stryker) | 134 (23) | |
| Charnley, Cemented (DePuy) | 66 (12) | |
| Charnley Modular, Cemented (DePuy) | 47 (8.2) | |
| Filler, Uncemented (Biotechni) | 36 (6.3) | |
| Other | 119 (21) | |

Table 4. Comparison of baseline characteristics for responders, non-responders, and non-receivers

| | Responders (n = 549) | Non-responders (n = 810) | p-value | Non-receivers (n = 1,354) | p-value |
|------------------------|-------------------------|-----------------------------|----------------------|------------------------------|----------------------|
| Mean age (SD) | 63.7 (4.0) | 63.5 (4.0) | 0.9 ^a | 63.6 (4.1) | 0.7 ^a |
| Female sex (%) | 373 (68) | 509 (63) | 0.1 ^b | 868 (64) | 0.1 ^b |
| ASA classification (%) | | | < 0.001 ^b | | < 0.001 ^b |
| ASA 1 | 152 (28) | 132 (16) | | 221 (16) | |
| ASA 2 | 248 (45) | 337 (42) | | 578 (43) | |
| ASA 3 | 142 (26) | 315 (39) | | 485 (36) | |
| ASA 4–5 | 7 (1.3) | 26 (3.2) | | 70 (5.2) | |
| Operation type (%) | | | < 0.001 ^b | | < 0.001 ^b |
| IF | 259 (47) | 365 (45) | | 487 (36) | |
| HA | 148 (27) | 311 (38) | | 571 (42) | |
| THA | 142 (26) | 134 (17) | | 296 (22) | |

^a Independent t-test; ^b Pearson chi-square test.

Table 5. Baseline data for responders (PROM)

| Baseline data | Operation type | | | p-value |
|------------------------|-----------------|-----------------|------------------|----------------------|
| | IF (n = 259) | HA (n = 148) | THA (n = 142) | |
| Mean age (SD) | 62.7 (4.0) | 65.7 (3.1) | 63.6 (3.9) | < 0.001 ^a |
| Female sex (%) | 155 (60) | 109 (74) | 109 (77) | 0.001 ^b |
| ASA classification (%) | | | | < 0.001 ^b |
| ASA 1 | 92 (36) | 20 (14) | 40 (28) | |
| ASA 2 | 123 (48) | 64 (43) | 61 (43) | |
| ASA 3 | 42 (16) | 60 (41) | 40 (28) | |
| ASA 4–5 | 2 (0.8) | 4 (2.7) | 1 (0.7) | |

^a ANOVA; ^b Pearson chi-square.