

Supplementary data

Table S1. Sensitivity analysis. Second hallux valgus surgery has been excluded in patients with bilateral hallux valgus surgery. Values are mean SEFAS with 95% confidence interval

| SEFAS | Grade 1 (n = 289) | Grade 2 (n = 1,083) | Grade 3 (n = 233) |
|---------------|----------------------|------------------------|----------------------|
| Preoperative | 28 (27.5–29.3) | 29 (28.9–29.8) | 30 (28.6–30.6) |
| Postoperative | 40 (39.0–40.8) | 40 (39.3–40.3) | 39 (37.8–39.9) |
| Difference | 11 (10.5–12.5) | 10 (9.9–11.0) | 9 (8.1–10.5) |

Table S2. Sensitivity analysis with baseline imputation. Values are mean score with 95% confidence interval

| | Grade 1 | Grade 2 | Grade 3 | Grade 2 – Grade 1 | Grade 3 – Grade 1 |
|------------------------|------------------|------------------|------------------|-----------------------|-------------------------|
| No of SEFAS | 316 | 1,220 | 259 | | |
| SEFAS preoperative | 29 (28.3–30.0) | 30 (29.9–30.7) | 30 (29.6–31.4) | | |
| SEFAS postoperative | 40 (38.7–40.5) | 39 (38.8–39.8) | 38 (37.6–39.6) | | |
| Change from baseline | 10 (9.5–11.4) | 9 (8.5–9.5) | 8 (7.0–9.2) | | |
| Change difference (CI) | | | | -1 (-2.5 to -0.3) | -2 (-3.7 to -0.9) |
| No of EQ5D | 318 | 1,215 | 258 | | |
| EQ5D preoperative | 0.62 (0.60–0.65) | 0.66 (0.65–0.68) | 0.67 (0.64–0.69) | | |
| EQ5D postoperative | 0.82 (0.80–0.84) | 0.83 (0.82–0.84) | 0.82 (0.80–0.85) | | |
| Change from baseline | 0.20 (0.17–0.23) | 0.17 (0.16–0.18) | 0.15(0.12–0.19) | | |
| Change difference | | | | -0.03 (-0.06 to 0.01) | -0.04 (-0.09 to -0.001) |