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Supplementary table 1. Baseline and short-term outcome data for the cases included in this study and the cases that were contacted but did not participate in the study. Data given as mean ( $95 \% \mathrm{CI}$ ) or as number (\%) of the total responses for each question. P values are given for the Pearson Chi-square test or the Welch-Satterthwaite $t$-test for the differences between the two groups. Numbers do not always correspond to group numbers because of missing data.

|  | Responder $\mathrm{n}=23$ | Non-responder $\mathrm{n}=17$ | p-value |
| :---: | :---: | :---: | :---: |
| Age at surgery | 17.5 (17.2-17.9) | 17.3 (16.5-18) | 0.485 |
| Sex female | 12 (52\%) | 9 (53\%) | 0.962 |
| Operated level index surgery |  |  | 0.071 |
| L4-L5 | 7 (30\%) | 10 (59\%) |  |
| L5-S1 | 16 (70\%) | 6 (35\%) |  |
| Multiple or unknown | 0 (0\%) | 1 (6\%) |  |
| Duration leg pain <3 months | 2 (10\%) | 3 (21\%) | 0.324 |
| Duration back pain <3 months | 2 (12\%) | 3 (20\%) | 0.522 |
| Smoker at admission | 1 (5\%) | 2 (13\%) | 0.359 |
| Preoperative |  |  |  |
| ODI | 27 (20-34) | 35 (24-47) | 0.169 |
| VAS leg | 64 (55-73) | 54 (38-70) | 0.244 |
| VAS back | 35 (21-49) | 38 (23-53) | 0.747 |
| EQ-5D-3L | 0.39 (0.23-0.56) | 0.53 (0.35-0.70) | 0.244 |
| SF-36 MCS | 44 (38-50) | 43 (36-49) | 0.780 |
| SF-36 PCS | 33 (30-36) | 34 (30-37) | 0.806 |
| Any new lumbar spine surgery before MRI exam (included cases) or until 2019-12-31 (non-responders) | 9 (39\%) | 6 (35\%) | 0.804 |
| Short-term |  |  |  |
| Satisfied | 19 (83\%) | 17 (100\%) | 0.070 |
| Global assessment for leg pain Pain free/Much improved | 21 (91\%) | 16 (94\%) | 0.738 |
| Global assessment for back pain Pain free/Much improved | 17 (89\%) | 16 (94\%) | 0.615 |
| ODI | 8 (2-15) | 7 (3-10) | 0.567 |
| VAS leg | 14 (5-23) | 13 (0-25) | 0.826 |
| VAS back | 15 (6-24) | 16 (3-28) | 0.876 |
| EQ-5D-3L | 0.84 (0.75-0.92) | 0.89 (0.80-0.97) | 0.374 |
| SF-36 MCS | 49 (45-52) | 51 (46-56) | 0.432 |
| SF-36 PCS | 52 (49-55) | 51 (48-53) | 0.557 |

