Supplementary Table 3. Patients Characteristics and Univariate Analysis for Discharge to Place other than Home

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|  |  | **Discharge to Other Place Than Home** | |  |
|  | Total  n = 615 (%)  n  n = 615 | Yes  n = 254 (41.3) | No  n = 361 (58.7) (58.7) | P-value |
| **Preoperative variables** |  |  |  |  |
| Age, years, mean ± SD | 73.6 ± 5.9 | 75.1 ± 6.6 | 72.5 ± 5.2 | <0.0011 |
| Male, n (%) | 300 (48.8) | 110 (43.3) | 190 (52.6) | 0.0282 |
| Marital status, n (%), n = 605 |  |  |  |  |
| Married / Partner | 424 (70.1) | 151 (60.4) | 273 (76.9) |  |
| Other | 181 (29.9) | 99 (39.6) | 82 (23.1) | <0.0012 |
| Body mass index, Kg/m2, mean ± SD, n = 607 | 28.9 ± 5.5 | 29.8 ± 6.1 | 28.2 ± 4.9 | <0.0011 |
| ASA physical status, n (%) |  |  |  |  |
| < 3 | 217 (35.3) | 47 (18.5) | 170 (47.1) |  |
| ≥ 3 | 398 (64.7) | 207 (81.5) | 191 (52.9) | <0.0012 |
| Metabolic equivalents of task, n (%), n = 532 |  |  |  |  |
| < 4 | 144 (27.1) | 84 (40.6) | 60 (18.5) |  |
| ≥ 4 | 388 (72.9) | 123 (59.4) | 265 (81.5) | <0.0012 |
| Depression, n (%), n = 603 |  |  |  |  |
| No | 403 (66.8) | 165 (66.8) | 238 (66.9) |  |
| Yes | 200 (33.2) | 82 (33.2) | 118 (33.1) | 1.0002 |
| Anxiety, n (%), n = 605 |  |  |  |  |
| No | 447 (73.9) | 193 (77.8) | 254 (71.2) |  |
| Yes | 158 (26.1) | 55 (22.2) | 103 (28.8) | 0.0812 |
| Total number of medications  median [25th-75th], n = 612 | 7 [5-11] | 8 [6-11] | 7 [5-10] | <0.0013 |
| Preoperative opioid use, n (%), n = 612 |  |  |  |  |
| No | 380 (62.1) | 144 (57.1) | 236 (65.6) |  |
| Yes | 232 (37.9) | 108 (42.9) | 124 (34.4) | 0.0432 |
| Number of past previous surgeries  median [25th-75th], n=574 | 4 [2-6] | 4 [2-6] | 4 [2-6] | 0.3873 |
| Case classification, n (%), n = 611 |  |  |  |  |
| Elective | 564 (92.3) | 214 (85.6) | 350 (97.0) |  |
| Non-elective | 47 (7.7) | 36 (14.4) | 11 (3.0) | <0.0012 |
| **Intraoperative variables** |  |  |  |  |
| Invasiveness \*, n (%) |  |  |  |  |
| Tier 1 and 2 | 197 (32.0) | 47 (18.5) | 150 (41.6) |  |
| Tier 3 and 4 | 418 (68.0) | 207 (81.5) | 211 (58.4) | <0.0012 |
| Type of anesthesia, n (%) |  |  |  |  |
| TIVA | 80 (13.0) | 31 (12.2) | 49 (13.6) |  |
| TIVA +volatile | 252 (41.0) | 107 (42.1) | 145 (40.2) |  |
| Volatile | 283 (46.0) | 116 (45.7) | 167 (46.3) | 0.8332 |
| BIS monitoring, n (%) |  |  |  |  |
| No | 232 (37.7) | 84 (33.1) | 148 (41.0) |  |
| Yes | 383 (62.3) | 170 (66.9) | 213 (59.0) | 0.0562 |
| Estimated blood loss, n (%), n = 599 |  |  |  |  |
| < 500 ml | 515 (86.0) | 194 (77.9) | 321 (91.7) |  |
| 501-999 ml | 40 (6.7) | 17 (6.8) | 23 (6.6) |  |
| > 1000 ml | 44 (7.3) | 38 (15.3) | 6 (1.7) | <0.0012 |
| Transfusion of blood products, n (%) |  |  |  |  |
| No | 564 (91.7) | 215 (84.7) | 349 (96.7) |  |
| Yes | 51 (8.3) | 39 (15.3) | 12 (3.3) | <0.0012 |
| Length of surgery, min, median [25th-75th] | 129.0 [97.0-187.0] | 152.0 [115.0-222.8] | 121.0 [90.0-162162162162.0] | <0.0013 |
| Intraoperative MEA, median [25th-75th] | 15.8 [12.4-24.0] | 16.4 [12.4-25.6] | 15.6 [12.4-24.0] | 0.3763 |
| **Postoperative variables** |  |  |  |  |
| Mean pain score on postoperative day 1  median [25th-75th], n=601 | 4.7 [3.4-5.9] | 5.0 [3.6-6.4] | 4.5 [3.3-5.7] | 0.0053 |
| MEA on postoperative day 1, median [25th-75th] | 22.8 [12.0-34.0] | 22.9 [13.7-34.2] | 22.6 [12.0-33.6] | 0.5083 |

SD: Standard deviation, ASA: American Society of Anesthesiologists physical status, TIVA: Total Intravenous Anesthesia, BIS: Bispectral Index, MEA: morphine equivalents amount

\*Invasiveness: Tier 1, microdiscectomy, lumbar laminectomy or anterior cervical procedures, minimally invasive fusions; Tier 2, lumbar fusion, trauma, or posterior cervical fusion procedures, tumor, infection, deformity, or combined anterior and posterior cervical procedures.

1 T-tests were used.

2 Chi-square tests were used

3 Wilcoxon rank sum tests were used