**Supplemental Digital Content**

**Appendix 1:**

Baseline characteristics and scores of 141 patients who underwent surgery for Degenerative Cervical Myelopathy (DCM) but did not complete 2-year follow-up in comparison to the included study sample of 330 patients.

|  |  |  |  |
| --- | --- | --- | --- |
| **Variable** | **Incomplete/**  **missing**  **n=141** | **Study sample**  **n=330** | **p-value** |
| Age: mean (SD) | 57.1 (13.1) | 60.8 (11.5) | **<0.01** |
| Male sex (%) | 91 (65%) | 206 (62%) | 0.68 |
| Body Mass Index: mean (SD) | 28.8 (5.8) | 28.7 (5.3) | 0.86 |
| Duration of symptoms (months): mean (SD) | 18.3 (8.3) | 18.6 (7.8) | 0.71 |
| mJOA  NPRS – neck  NPRS – arm  NDI  SF12 – Physical Component Summary  SF12 – Mental Component Summary  EQ5D | 12.4 (2.7)  5.9 (2.9)  5.8 (3.0)  42.8 (20.3)  34.1 (9.6)  47.0 (9.0)  0.7 (0.1) | 12.9 (2.6)  5.5 (3.0)  5.7 (2.9)  40.0 (19.8)  34.7 (9.7)  47.4 (9.7)  0.7 (0.1) | 0.06  0.18  0.73  0.16  0.16  0.68  1.00 |

**Appendix 2:**

Adjusted associations between baseline patient characteristics and achievement of the MCID for the mJOA by 3 months versus later than 3 months among 330 patients who underwent surgery for Degenerative Cervical Myelopathy (DCM).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Variable | Adjusted multiple binomial regression; Model fit: R2 = 0.07 | | | |
| Odds Ratio | 95% CI lower | 95% CI upper | p-value |
| Age | 0.99 | 0.96 | 1.02 | 0.46 |
| Sex (male) | 1.27 | 0.66 | 2.44 | 0.47 |
| Number of levels | 0.92 | 0.74 | 1.13 | 0.42 |
| Number of comorbidities | 0.88 | 0.74 | 1.05 | 0.15 |
| Duration of symptoms | 1.01 | 0.97 | 1.05 | 0.64 |
| Physiotherapy (pre-op) | 0.95 | 0.75 | 1.20 | 0.66 |
| mJOA before surgery | 0.84 | 0.73 | 0.97 | 0.02 |