APPENDIX 2 Distribution of reported adverse events

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Cervical spine manipulation (MP)**  **(1014 sessions (32%))** | | **Cervical spine mobilization (MOB)**  **(829 sessions (26,1%))** | | **Cervical spine MP and MOB**  **(437 sessions (13,8%))** | | **‘Other modalities’\***  **(891 sessions (28,1%))** | |
|  | % of treatments after which AE occurs | Mean intensity (1-10)(sd) | % of treatments after which AE occurs | Mean intensity (1-10)(sd) | % of treatments after which AE occurs | Mean intensity (1-10)(sd) | % of treatments after which AE occurs | Mean intensity (1-10)(sd) |
| **Headache** | 52.0% | 4.6(2.0) | 54.6% | 4.6(2.0) | 49.0% | 4.4(1.9) | 54.0% | 4.6(1.9) |
| **Radiation** | 50.3% | 4.3(1.6) | 64% | 4.8(1.8) | 56.1% | 4.6(1.8) | 55.8% | 4.6(1.9) |
| **Aggravation of complaints** | 48.2% | 4.6(1.9) | 57% | 4.9(1.9) | 48.3% | 4.8(1.9) | 50.4% | 4.6(1.8) |
| **Fatigue** | 45.2% | 4.5(1.8) | 55.6% | 4.7(2.0) | 44.6% | 4.8(1.9) | 49.4% | 4.8(1.9) |
| **Stiffness** | 58.7% | 4.3(1.6) | 64.7% | 4.4(1.8) | 62.0% | 4.4(1.8) | 57.1% | 4.3(1.8) |
| **Cramps** | 6.8% | 4.3(2.0) | 13.7% | 4.1(1.7) | 8.9% | 4.1(1.4) | 12.0% | 3.9(1.7) |
| **Dizziness** | 24.5% | 3.9(1.8) | 38.9% | 4.0(1.8) | 24.0% | 4.1(1.9) | 26.2% | 4.2(1.8) |
| **Blurred vision** | 8.7% | 3.7(1.5) | 12.4% | 3.8(1.6) | 8.9% | 3.6(1.6) | 9.4% | 4.3(2.0) |
| **Nausea** | 11.1% | 4.3(1.7) | 23.2% | 3.7(1.5) | 12.4% | 4.1(1.5) | 12.3% | 4.4(1.7) |
| **Tinnitus** | 7.3% | 1.2(0.7) | 19.9% | 3.6(1.6) | 11.0% | 3.4(1.3) | 10.6% | 3.5(1.6) |
| **Vomitting** | 0.3% | 5.0(1.7) | 2.2% | 3.6(1.9) | 0.7% | 5.0(1.7) | 0.6% | 4.0(1.3) |
| **Limb weakness** | 19.6% | 4.1(1.7) | 25.8% | 4.5(2.1) | 22.7% | 4.1(1.8) | 21.4% | 4.2(2.0) |
| **Desorientation** | 5.3% | 3.5(1.4) | 7.5% | 3.7(1.9) | 6.4% | 3.4(1.7) | 7.4% | 4.9(2.2) |

\*’Other modality’ includes every modality used by the physical therapist that does not meet the definition of cervical spinal manipulation of cervical spinal mobilization (e.g. exercise, massage, stretching)