**Supplementary Material 7.** Definitions of severity degree in dysfunction of lower extremities

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| Grade | Definitions |
| Level | Number |
| 1 | 2 | Complete paralysis of both legs (manual muscle strength grade\* 0, 1) |
| 2 | 4 | Minimal movement with both nearly paralyzed legs (grade 2) |
| 3 | 5 | Complete paralysis of one leg (grade 0, 1) |
| 4 | 1 | Paralysis of both legs, which are moderately mobile but not functional (grade 3) |
| 5 | Slight movement with one nearly paralyzed leg (grade 2) |
| 5 | 6 | Paralysis of one leg, which is moderately mobile but not functional (grade 3) |
| 5 | 7 | Complete paralysis of all toes of both feet (grade 0, 1) |

\*Manual muscle strength grade: 5 (normal), complete range of motion against gravity with full resistance; 4 (good), complete range of motion against gravity with some resistance; 3 (fair), complete range of motion against gravity with no resistance; 2 (poor), complete range of motion with gravity eliminated; 1 (trace), evidence of slight contractility with no evidence of joint motion even with gravity eliminated; 0 (zero), no evidence of muscle contractility