Suppl. Table 3. Muscle strength of the lower and upper extremities and cross-sectional area of the quadriceps muscle during treatment time

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | NEMS Group (n=18) | | Control group (n=19) | |
| Baseline | Discharge | Baseline | Discharge |
| Right knee extensors strength (kg) | 20.3 [17.9; 26.1] c | 28.05 [23.8; 36.2] ce | 20.1 [18.6; 25.4] b | 22.3 [20.1; 27.1] be |
| Left knee extensors strength (kg) | 17.75 [15.5; 27.0] c | 27,45 [22.3; 33.1] cd | 20.8 [17.5; 24.2] c | 22.5 [20.1; 25.9] cd |
| Right knee flexors strength (kg) | 14.85 [11.7; 19.5] b | 17.5 [14.1; 23.4] b | 16.9 [13.1; 23.8] b | 19.2 [12.5; 26.4] b |
| Left knee flexors strength (kg) | 14.7 [12.6; 19.6] b | 19.75 [15.9; 24.2] b | 16.2 [10.4; 25.1] c | 18.8 [13.1; 27.7] c |
| Right handgrip strength (kg) | 24.5 [15.0; 33.0] c | 25.5 [19.0; 36.0] c | 27.0 [18.0; 32.0] c | 30.0 [20.0; 35.0] c |
| Left handgrip strength (kg) | 17.0 [12.0; 27.0] b | 21.0 [15.0; 31.0] b | 19.0 [14.0; 29.0] c | 23.0 [16.0; 30.0] c |
| Mean right knee extensors strength (kg) | 13.55 [13.2; 21.8] b | 21.2 [18.4; 23.3] be | 14.9 [13.1; 18.6] b | 17.8 [14.0; 20.0] be |
| Mean left knee extensors strength (kg) | 13.3 [11.3; 19.0] c | 20.6 [17.2; 25.4] cd | 15.1 [12.5; 17.7] c | 15.6 [13.9; 18.3] cd |
| Mean right knee flexors strength (kg) | 11.75 [9.0; 14.5] | 12.4 [10.9; 189] | 13.2 [7.9; 16.3] c | 14.6 [8.9; 17.9] c |
| Mean left knee flexors strength (kg) | 10.45 [9.6; 13.5] | 13.1 [11.8; 18.9] | 125 [8.3; 16.0] c | 14.6 [10.2; 17.0] c |

NEMS - neuromuscular electrical stimulation; a – p<0.05 between baseline and discharge; b – p<0.01 between baseline and discharge; c – p<0.001 between baseline and discharge;  d – p<0.05 between NEMS and control groups; e – p<0.05 between NEMS and control groups