Supplemental material of manuscript “Functional recovery groups in critically ill COVID-19 patients and their associated factors: From ICU to hospital discharge”

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Supplemental Figure 1. Flowchart of the early mobilization protocol at Hospital Sírio-Libanês based on studies by Gosselink et al., 2008 and Murakami et al.,2015.

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| **Supplemental Table 1.** Physical and functional characteristics of COVID-19 patients at ICU discharge and hospital discharge |
| **Variables** | **ICU discharge****n=339** | **Hospital discharge****n=328** |  |
| IMS scale, score | 7 | ±2 | NA | NA |  |
| Barthel Index, score | 73 | ±24 | 85 | ±19 |  |
| Functional dependence (BI<85), n (%) | 188 | 55.5% | 109 | 33% |  |
| Delta Barthel Index, score | 26 | ±24.6 | 12 | ±9 |  |
| MRC, score | 50.0 | ±9.4 | 52 | ±8 |  |
| Handgrip, kgf | 19.3 | ±12.4 | 21.2 | ±11.8 |  |
| ICU acquired muscle weakness, n (%) | 105 | 31.0% | 33 | 9.7% |  |
| Maximal inspiratory pressure, cmH2O | 67 | ±28 | 76 | ±30.9 |  |
| Maximal expiratory pressure, cmH2O | 72 | ±28 | 79 | ±29.9 |  |
| Step test, number | 15 | ±25 | 24 | ±32 |  |
| Data described in mean ± SD, median (25–95%), n=absolute number (%). ICU=intensive care unit; IMS=ICU Mobility Scale; MRC=Medical Research Council, NA: not assessed. |

Supplemental Figure 2. Percentages of patients who reached the maximum possible score in each of the BI-specific activities at ICU discharge and at hospital discharge.