

Respiratory and limb muscles' ability to repeatedly generate maximal force in patients with intensive care unit-acquired weakness: an observational study

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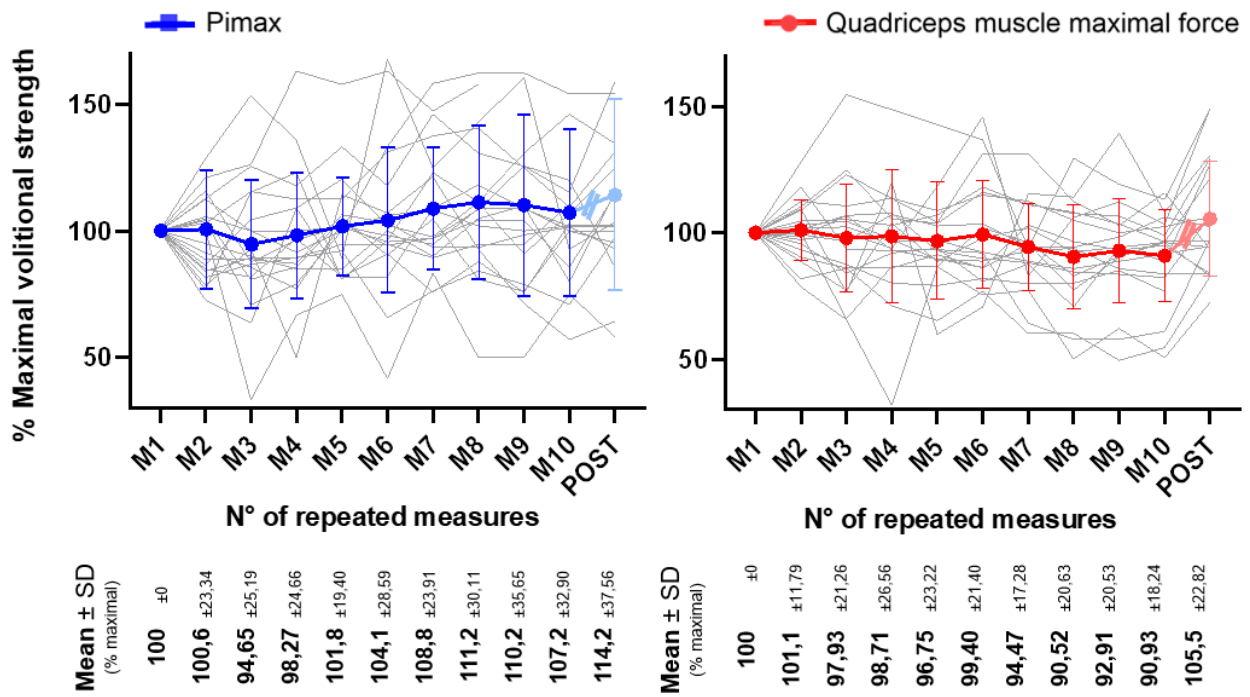
Supplemental material

Supplemental Figures

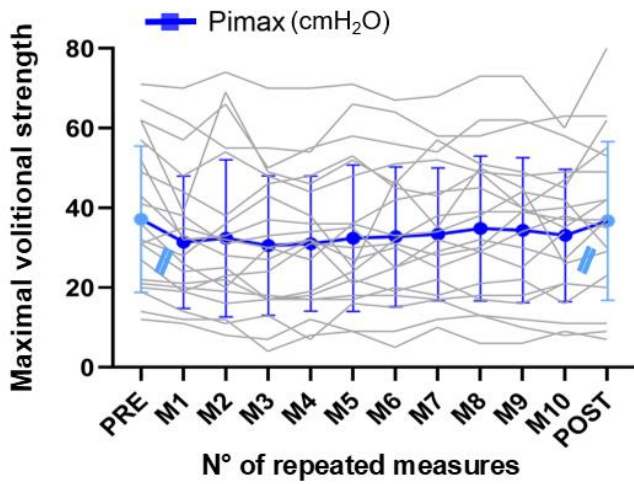
e-Figure1. Muscle force time course evolution over the ten repetitions, with individual data expressed for both muscle groups in % of first contraction.

e-Figure2. Muscle force time course evolution over the ten repetitions, with individual data expressed in unit of force, centimeter of water (cmH₂O) for Pimax and Newtons (N) for quadriceps muscle maximal strength.

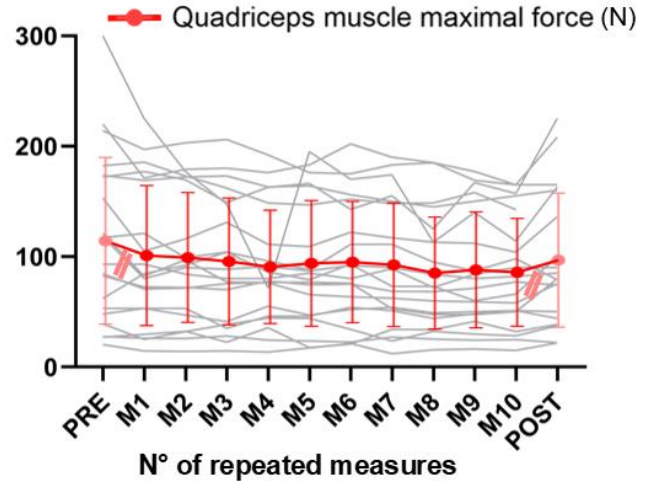
e-Figure3. Muscle force time course evolution over the ten repetitions according to time delay between extubation and measurements, with data expressed for both muscle groups in % of first contraction. Panel A: for quadriceps muscle; Panel B: for inspiratory muscles.



e-Figure1. Muscle force time course evolution over the ten repetitions, with individual data expressed for both muscle groups in % of first contraction. SD: standard deviation.



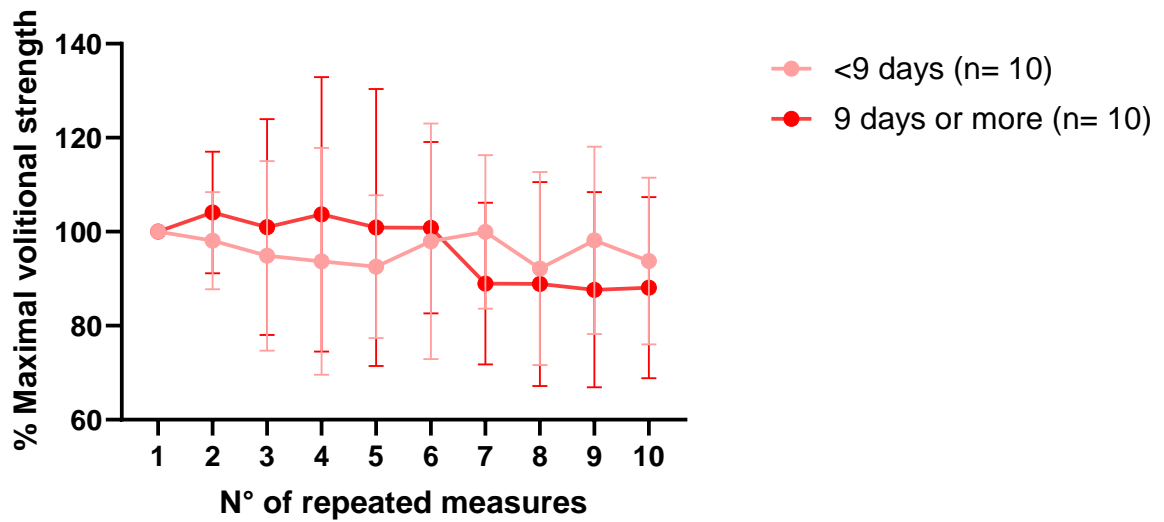
Mean ± SD (cmH ₂ O)
38,45 ±18,54
32,60 ±16,77
33,60 ±19,92
31,75 ±17,65
32,25 ±17,09
33,65 ±18,55
34,00 ±17,71
34,65 ±16,79
36,10 ±18,35
35,65 ±18,37
34,35 ±16,76
38,00 ±20,10



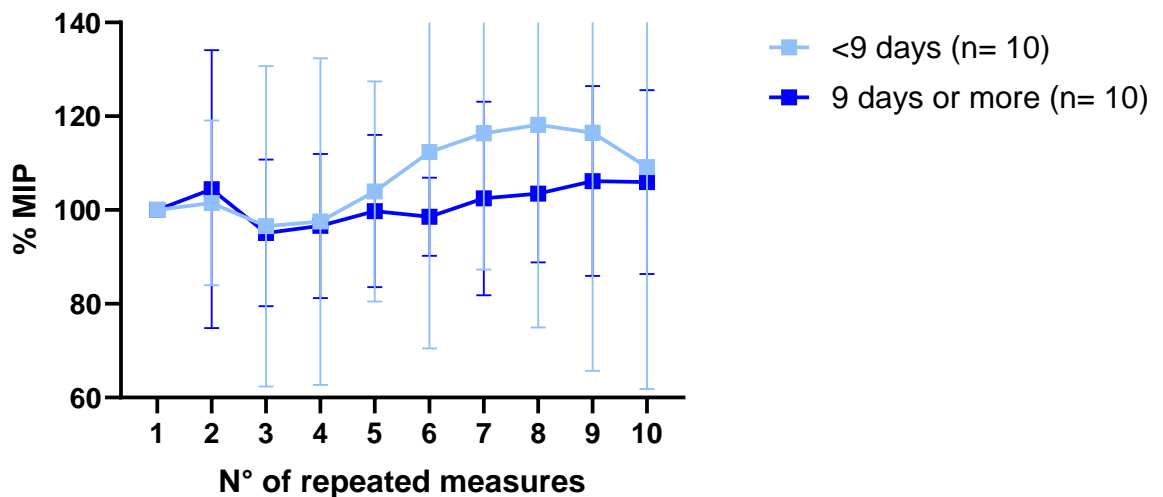
Mean ± SD (Newton)
118,6 ±75,24
101,7 ±64,39
99,95 ±59,64
96,40 ±58,26
91,38 ±52,12
94,59 ±57,83
95,79 ±55,77
93,24 ±56,78
85,72 ±51,46
88,52 ±53,37
86,29 ±49,62
97,61 ±61,57

e-Figure2. Muscle force time course evolution over the ten repetitions, with individual data expressed in unit of force, centimeter of water (cmH₂O) for Pimax and Newtons (N) for quadriceps muscle maximal strength. SD: standard deviation.

A Quadriceps muscle force evolution according to time delay



B Inspiratory muscles force according to time delay



e-Figure3. Muscle force time course evolution over the ten repetitions according to time delay between extubation and measurements, with data expressed for both muscle groups in % of first contraction. Panel A: for quadriceps muscle; Panel B: for inspiratory muscles. * Indicates statistically significant between-group differences.