

Table S3: Ventilator settings during the first day of acute respiratory distress syndrome, in immunocompetent (Control) and immunocompromised (Study) patients

	Control (n=2229)	Study (n=584)	p value
FiO ₂ , mean ± SD	0.6 ± 0.2	0.7 ± 0.2	0.0019
Set respiratory rate (bpm), mean ± SD	18.0 ± 9.1	19.0 ± 7.3	0.0007
Total respiratory rate (bpm), mean ± SD	21.3 ± 8.9	22.9 ± 7.3	<0.0001
Tidal volume (mL/kg IBW), mean ± SD	7.7 ± 2.0	7.6 ± 2.0	0.1374
PEEP (cmH ₂ O), mean ± SD	8.2 ± 3.2	8.4 ± 3.2	0.0246
PIP (cmH ₂ O), mean ± SD	25.6 ± 8.5	26.0 ± 9.4	0.2854
Plateau pressure (cmH ₂ O) ^a , mean ± SD	23.0 ± 6.1	23.8 ± 6.2	0.1259
Patients with spontaneous ventilation (triggering ventilator) ^b , n (%)	1258 (57.4)	342 (59.4)	0.3971

Abbreviations: IBW: ideal body weight; PEEP: positive end-expiratory pressure; PIP: peak inspiratory pressure; SD: standard deviation.

a. Plateau pressure were available for 742 patients (571 immunocompetent and 171 immunocompromised patients)

b. Information was available for 2767 patients (2191 immunocompetent and 576 immunocompromised patients)

Note: Bold p values shows a statistically significant difference between the two groups