

Additional file 3: Table S3

Table S2: Clinical, facial and ulnar train of four (TOF) measurements recorded on the first 4 days of mechanical ventilation (MV) from the diagnosis of acute respiratory distress syndrome. .

Day of MV	Whole population				P value	Center 1 (Cisatracurium use)				P value	Center 2 (Atracurium use)				P value
	0	1	2	3		0	1	2	3		0	1	2	3	
Measurements, n	118	153	103	87		98	127	87	72		20	26	16	15	
Clinical assessments, n (%)															
Over paralyzed	5 (3)	7 (5)	4 (4)	2 (3)	0.33	4 (4)	3 (2)	3 (3)	1 (1)	0.41	1 (10)	4 (19)	1 (7)	1 (13)	0.88
Well paralyzed	109 (93)	130 (85)	89 (86)	78 (89)	0.81	91 (92)	114 (91)	78 (90)	67 (94)	0.92	18 (90)	16 (61)	11 (68)	11 (67)	0.31
Under paralyzed	4 (4)	16 (14)	10 (10)	7 (8)	0.67	3 (3)	9 (7)	6 (7)	4 (5)	0.49	1 (10)	5 (20)	4 (25)	3 (20)	0.19
Facial TOF measurements, n (%)															
Over paralyzed (TOF= 0)	84 (71)	94 (61)	58 (56)	46 (53)	0.005	75 (77)	84 (66)	54 (62)	41 (57)	0.006	9 (45)	10 (38)	4 (25)	5 (33)	0.30
Well paralyzed (TOF= 1-2)	6 (5)	21 (14)	8 (8)	6 (7)	0.99	3 (3)	18 (14)	6 (7)	6 (8)	0.54	3 (5)	3 (12)	2 (13)	0	0.19

Under paralyzed (TOF= 3-4)	28 (24)	38 (25)	37 (36)	35 (40)	0.01	20 (20)	25 (20)	27 (31)	25 (35)	0.009	8 (40)	13 (50)	10 (62)	10 (67)	0.08
Ulnar TOF measurements, n (%)															
Over paralyzed (TOF= 0)	96 (81)	126 (82)	79 (77)	63 (72)	0.07	79 (80)	104 (82)	68 (78)	52 (72)	0.19	17 (85)	22 (85)	11 (69)	11 (73)	0.22
Well paralyzed (TOF= 1-2)	13 (11)	19 (12)	13 (13)	10 (11)	0.88	11 (11)	17 (13)	9 (10)	8 (11)	0.82	2 (10)	2 (8)	4 (25)	2 (13)	0.40
Under paralyzed (TOF= 3-4)	9 (8)	8 (6)	11 (10)	14 (17)	<0.001	8 (9)	6 (5)	8 (12)	12 (16)	0.04	1 (5)	2 (7)	1 (6)	2 (13)	0.43
