

Additional Table 1: Individual ventilator settings

			Pat 1	Pat 2	Pat 3	Pat 4	Pat 5	Pat 6	Pat 7	Pat 8	Pat 9	Pat 10	Mean±SD	
PSVlow	FiO2	%	40	40	35	40	45	40	60	45	50	50	45±7	
	PEEP	cmH2O	5	5	5	5	8	5	10	5	10	8	7±2	
	PSV	cmH2O	7	10	7	8	9	7	9	8	9	9	8±1	
	mean Eadi	uvol	1.4	0.6	4.0	2.9	10.5	3.8	1.0	3.7	4.5	4.4	4±3	
	Flowtrigger	l/min	5	5	5	5	5	2	6	5	5	7	5±1	
	Insp rise	sec	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0±0	
	cycling off	% max flow	30	30	30	30	25	30	20	30	30	30	10	27±7
	PSVal	FiO2	%	40	40	35	40	45	40	60	45	50	50	45±7
PEEP		cmH2O	5	5	5	5	8	5	10	5	10	8	7±2	
PSV		cmH2O	14	20	14	16	18	14	18	16	18	18	17±2	
mean Eadi		uvol	0.5	0.4	2.9	1.2	5.8	2.3	0.4	1.5	2.2	2.3	2±2	
Flowtrigger		l/min	5	5	5	5	5	2	6	5	5	7	5±1	
Insp rise		sec	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0±0	
cycling off		% max flow	30	30	30	30	25	30	20	30	30	30	10	27±7
PSVhigh		FiO2	%	40	40	35	40	45	40	60	45	50	50	45±7
	PEEP	cmH2O	5	5	5	5	8	5	10	5	10	8	7±2	
	PSV	cmH2O	21	30	21	24	27	21	27	24	27	24	25±3	
	mean Eadi	uvol	0.5	0.3	1.7	1.1	0.7	0.7	0.4	0.7	0.6	1.2	1±0	
	Flowtrigger	l/min	5	5	5	5	5	2	6	5	5	7	5±1	
	Insp rise	sec	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0±0	
	cycling off	% max flow	30	30	30	30	25	30	20	30	30	30	10	27±7
	NAVALow	FiO2	%	40	40	35	40	45	40	60	45	50	50	45±7
PEEP		cmH2O	5	5	5	5	8	5	10	5	10	8	7±2	
NAVA level		cmH2O/uvol	1.5	1.1	2.1	2.6	1.5	1.2	1.8	1.8	0.9	1	1.6±0.5	
mean Eadi		uvol	1.9	1.8	3.6	3.5	8.5	3.5	3.5	5.0	7.7	6.1	5±2	
Flowtrigger		l/min	5	5	5	5	5	5	7	5	5	5	5±1	
Edi Trigger		uvol	0.5	0.5	0.5	0.5	0.5	0.5	0.3	0.3	0.5	0.5	0±0	
cycling off		% max Eadi	70	70	70	70	70	70	70	70	70	70	70	27±7
NAVAal		FiO2	%	40	40	35	40	45	40	60	45	50	50	45±7
	PEEP	cmH2O	5	5	5	5	8	5	10	5	10	8	7±2	
	NAVA level	cmH2O/uvol	3	2.1	4.3	5.2	3	2.4	3.6	3.6	1.7	1.9	3.1±1.1	
	mean Eadi	uvol	1.8	1.6	3.2	2.4	6.0	3.9	2.1	4.0	5.6	5.2	4±2	
	Flowtrigger	l/min	5	5	5	5	5	5	7	5	5	5	5±1	
	Edi Trigger	uvol	0.5	0.5	0.5	0.5	0.5	0.5	0.3	0.3	0.5	0.5	0±0	
	cycling off	% max Eadi	70	70	70	70	70	70	70	70	70	70	70	27±7
	NAVAhigh	FiO2	%	40	40	35	40	45	40	60	45	50	50	45±7
PEEP		cmH2O	5	5	5	5	8	5	10	5	10	8	7±2	
NAVA level		cmH2O/uvol	6	3.6	7.3	8.6	12	4.8	7.2	4.8	3.4	2.4	6.0±2.9	
mean Eadi		uvol	1.5	1.0	2.3	2.4	2.4	2.8	1.6	3.6	3.8	8.5	3±2	
Flowtrigger		l/min	5	5	5	5	5	5	7	5	5	5	5±1	
Edi Trigger		uvol	0.5	0.5	0.5	0.5	0.5	0.5	0.3	0.3	0.5	0.5	0±0	
cycling off		% max Eadi	70	70	70	70	70	70	70	70	70	70	70	27±7

Additional Table 1

This table contains the individual ventilator settings for all patients studied.

Definition of abbreviations: FiO2 = fraction of inspired oxygen, PEEP = positive end-expiratory pressure, PSV = pressure support ventilation, EAdi = electrical activity of the diaphragm, NAVA = neurally adjusted ventilatory assist, Insp rise = inspiratory rise time.