

Supplementary Table 2. Patient characteristics and hemodynamic parameters based on the presence of pulmonary hypertension

	Total (n=76)	Pulmonary hypertension (n=15)	No pulmonary hypertension (n=61)	P-value
Age, months	4.0 (3.0-12.5)	3.0 (2.5-4.0)	4.0 (3.0-13.0)	0.117
Male, %	42 (55.3%)	9 (60.0%)	33 (54.1%)	0.903
Body weight, kg	6.5 (5.0-9.0)	5.3 (4.2-6.0)	6.9 (5.2-9.4)*	0.016
Intraoperative variables before leaving the operating room				
Heart rate, beats/minute	152 (138-170)	159 (148-166)	149 (138-171)	0.597
Systolic ABP, mmHg	92 (83-100)	91 (88-95)	92 (81-101)	1.000
Diastolic ABP, mmHg	51 (45-56)	52 (45-53)	51 (45-58)	0.422
Tidal volume, ml/kg	9.3 (8.7-9.8)	9.3 (9.0-10.0)	9.3 (8.6-9.8)	0.506
Peak inspiratory pressure, cmH₂O	18 (17-20)	18 (17-19)	19 (17-20)	0.885
Respiratory rate, /minute	25 (22-27)	25 (24-27)	24 (22-27)	0.111
ABP-AC%	13.8 (9.0-20.4)	14.0 (7.5-20.7)	13.7 (9.1-20.0)	0.794
ABP-DC%	18.0 (13.9-25.0)	17.7 (8.7-24.2)	18.1 (14.4-25.0)	0.267

	Total (n=76)	Pulmonary hypertension (n=15)	No pulmonary hypertension (n=61)	P-value
PPG-AC%	20.4 (12.1-34.7)	19.3 (6.9-39.6)	21.3 (12.4-33.5)	0.754
PPG-DC%	39.5 (24.3-55.0)	37.5 (22.0-92.8)	39.5 (25.4-52.9)	0.865
Compliance (PPG-CF/ABP-CF)	1.3 (0.9-2.5)	1.4 (0.5-3.7)	1.2 (0.9-2.0)	0.896
Variables within the first 2 hours after ICU admission				
Heart rate, beats/minute	157 (146-172)	157 (147-168)	157 (147-172)	0.634
Systolic ABP, mmHg	114 (92-126)	106 (94-124)	116 (92-128)	0.232
Diastolic ABP, mmHg	64 (52-72)	56 (47-63)	66 (54-74)*	0.013
Fluid replacement, ml/kg	8.1 (0.0-10.0)	5.7 (2.3-9.6)	8.4 (0.0-10.0)	0.639
VIS	5.0 (1.5-7.0)	5.0 (4.0-6.0)	5.0 (0.0-7.0)	0.555
Outcomes				
MV duration, hours	16 (12-43)	27 (17-97)	15 (11-41)*	0.029
ICU stays, days	2 (1-3)	3 (1-6)	2 (1-3)*	0.047

Data were presented number with percentage or median with interquartile range. * P <0.05.

ABP, arterial blood pressure; AC, pulse height modulation at respiratory frequency; CF, amplitude density at cardiac frequency; DC, baseline modulation at respiratory frequency; ICU, intensive care unit; MV, mechanical ventilation; VIS, vasoactive inotropic score.