

Supplemental Digital Content 5. Measurement of Mean Alveolar Pressure (cm H<sub>2</sub>O)

Group (n = 6)	T <sub>PRM</sub>	1H	2H	3H	4H	<i>p</i> Value for Analysis of Variance		
						Group	Time	Interaction
HFOV-3Hz	20.7 ± 1.7	20.8 ± 1.7	20.9 ± 1.6	20.7 ± 1.5	20.6 ± 1.4			
HFOV-6Hz	19.0 ± 1.4	18.9 ± 1.4	19.0 ± 1.1	18.8 ± 0.3	18.9 ± 1.5			
HFOV-9Hz	17.7 ± 1.1 <sup>#</sup>	17.6 ± 1.2 <sup>#</sup>	18.0 ± 1.1	17.7 ± 1.2	17.8 ± 0.8	0.169	0059	0.083
CMV(PEEPi)	17.5 ± 2.7 <sup>#</sup>	18.7 ± 3.2	18.7 ± 3.2	18.6 ± 3.2	18.5 ± 3.3			

There was no significant difference in mean alveolar pressure between three HFOV groups and CMV group during 4-h period.

Data are expressed as means ± standard deviations. CMV = conventional mechanical ventilation; HFOV = high-frequency oscillatory ventilation; PEEPi = Intrinsic positive end-expiratory pressure; PRM = postrecruitment.

<sup>#</sup> *p* < 0.05 vs. HFOV-3Hz.