

Supplemental Digital Content 6. Pressure Difference between Airway Pressure and Alveolar Pressure (cm H₂O)

Group (n = 6)	T _{PRM}	1H	2H	3H	4H	p Value for Analysis of Variance		
						Group	Time	Interaction
HFOV-3Hz	9.2 ± 3.5 ^{§§}	8.4 ± 1.4 ^{§§}	8.7 ± 2.2 ^{§§}	8.9 ± 2.7 [§]	8.8 ± 2.6			
HFOV-6Hz	10.3 ± 2.8 ^{§§}	9.9 ± 1.8 ^{§§}	10.0 ± 1.8 ^{§§}	10.3 ± 2.2 ^{§§}	10.3 ± 2.4 ^{§§}			
HFOV-9Hz	13.1 ± 1.8 ^{#§§}	13.5 ± 1.2 ^{###+§§}	13.1 ± 1.1 ^{###+§§}	13.2 ± 1.3 ^{###§§}	13.3 ± 1.5 ^{###§§}	< 0.001	0.811	0.519
CMV	4.4 ± 1.6 ⁺⁺	5.4 ± 1.5 ^{###++}	5.5 ± 1.1 ^{###++}	5.7 ± 1.3 ^{###++}	5.9 ± 1.4 ^{###++}			

The pressure drop from ventilator to pulmonary alveolar space was significantly higher in the HFOV-9Hz group than all the other groups ($p < 0.001$).

Data are expressed as means ± standard deviations. CMV = conventional mechanical ventilation; HFOV = high-frequency oscillatory ventilation.

$p < 0.05$ and ## $p < 0.01$ vs. HFOV-3Hz. ++ $p < 0.01$ vs. HFOV-6Hz. § $p < 0.05$ and §§ $p < 0.01$ vs. CMV.