

**Supplemental Digital Content 5.** Meta-regression for the potential sources of heterogeneity.

Variances	Coefficient	SE	95% CI	P value	R <sup>2</sup>
Age	-0.001	0.002	-0.006 to 0.004	0.703	0
Sample size	-0.000	0.002	-0.003 to 0.003	0.844	0
NMBA	0.118	0.076	-0.030 to 0.267	0.118	7.98%
Manipulation	0.166	0.060	0.049 to 0.283	0.005	53.03%
Cuff pressure					1.34%
Deflated	(reference)				
Inflated	0.160	0.098	-0.031 to 0.352	0.101	
No cuff	-0.051	0.090	-0.227 to 0.125	0.570	

Abbreviations: NMBA, neuromuscular blocking agent; SE, standard error; CI, confidence interval