



Supplemental Figure 1 Adjusted Event Analysis Curve comparing Macintosh Curved Blade size four to size three for endotracheal intubation using direct laryngoscopy. There was no statistically significant difference between blade sizes.

Duration of Intubation	Intubated on the first attempt		Not intubated on the first attempt	
	Mac 3 (N = 174.1)	Mac 4 (N = 247.4)	Mac 3 (N = 41.0)	Mac 4 (N = 99.8)
Total duration of intubation (sec)*				
Mean (SD)	130.9 (72.5)	126.7 (72.6)	311.8 (159.8)	326.5 (198.3)
Median [Q25, Q75]	110 [76.5, 170.0]	110.5 [81.5, 155.0]	300.0 [203.25, 424.8]	290.0 [203.0, 384.0]

Supplemental Table 1 Duration of intubation of those intubated on 1st attempt versus those who required more than one attempt.

Equipment used for Multiple Attempts	Mac 3	Mac 4
Additional equipment:	29.0 (70.8%)	54.5 (53.8%)
Direct Laryngoscopy	2.0 (4.8%)	4.6 (4.6%)
Video Laryngoscopy	27.0 (66.0%)	49.8 (49.2%)
Bougie	12.0 (29.2%)	40.5 (40.0%)
Reposition*	4.8 (11.7%)	4.6 (4.5%)

Supplemental Table 2 Equipment used for multiple attempts. No significant differences using a 6 chi-square test.