Table 1 - Mean time used to insert supraglottic devices and endotracheal tube in simulated optimal and restricted access

Device	Manikin	Scenario	Number	Successful	Mean time (seconds)	SD
iGel ™	Ambu ™	A (optimal)	20	All	9.9	4.5
iGel ™	Ambu ™	B (restricted)	20	All	12.3	3.6
LTSII ™	Ambu ™	A (optimal)	20	All	12.8	2.9
LTSII ™	Ambu ™	B (restricted)	20	All	10.6	3.2
Macintosh #3	TrueCorp ™	A (Optimal)	20	Yes	12.1	3.3
			0	No		
Macintosh #3	TrueCorp ™	B (Restricted)	16	Yes	28.0	13.0
			4	No		

P-values for comparing same device in scenario A versus B

Mean time with iGel in scenario A vs scenario B	p = 0.09	NS
Mean time with LTSII in scenario A vs scenario B	p = 0.01	S
Mean time with Macintosh laryngoscope (blade #3) in scenario A vs Scenario B	p < 0.01	S

P-value for comparing devices with each other in scenario A

Mean time with iGel vs LTSII	p = 0.69	NS
Mean time with Macintosh #3 vs iGel	p = 0.88	NS
Mean time with Macintosh #3 vs LTSII	p = 0.19	NS

P-values for comparing differen devices with each other in scenario B

Mean time with iGel vs LTSII	p = 0.50	NS
Mean time with Macintosh #3 vs iGel	p < 0.001	S
Mean time with Macintosh #3 vs LTSII	p < 0.001	S

* In three cases the HEMS physician chose to use digital technique when inserting the ET. In four cases of traditional direct laryngoscopy no ET was placed within the timelimit of 60 seconds. In 13 cases classic laryngoscopy technique succeeded within 60 seconds.
NS = Non-significant, S = significant