

# CS#14

## **Airtraq tracheal intubation by novice laryngoscopists**

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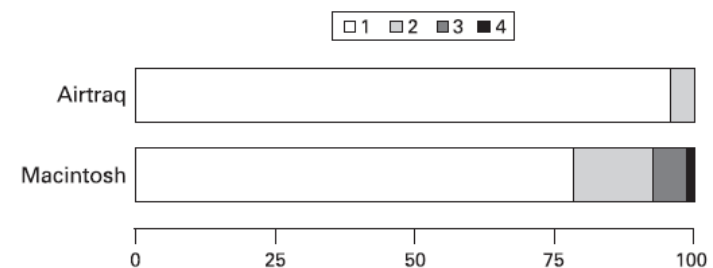
Under supervision by staff anaesthetists, **nonanaesthesia physicians** performed tracheal intubation using either the **Airtraq (n = 100)** or the Macintosh laryngoscope (n = 100).

The **time to secure the airway was shorter with the Airtraq** than with the Macintosh laryngoscope (p,0.001).

The **number of attempts until successful intubation was smaller with the Airtraq** than with the Macintosh laryngoscope (p,0.001).

**Erroneous oesophageal intubation was less with the Airtraq** optical laryngoscope than with the Macintosh laryngoscope (p,0.01).

Differences in tracheal intubation procedure using the Airtraq and Macintosh laryngoscopes by non-anaesthesia novice physicians			
	Airtraq	Macintosh	p Value
Time to intubation, in seconds (SD)*	51 (17)	67 (43)	0,001
Erroneous intubation of the oesophagus	0	10	0,01



**Figure 2** The number of attempts until successful intubation using the Airtraq and Macintosh laryngoscope by non-anaesthesia novice physicians. Mann–Whitney U test showed the significant difference between the two groups (p<0.001).