

CS#31

Hemodynamic Comparison between Airtraq Laryngoscope and Macintosh Laryngoscope for Orotracheal Intubation

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OBJECTIVE: To compare the hemodynamical responses to orotracheal intubation between Airtraq laryngoscope and Macintosh laryngoscope.

A total of 40 patients scheduled for surgery under general anaesthesia requiring orotracheal intubation were randomly divided into Airtraq laryngoscope group and Macintosh laryngoscope group, with 20 cases in each group.

The **glottic exposure time in Airtraq laryngoscope group was significantly longer** than that in Macintosh laryngoscope group, while **the tracheal intubation time in Airtraq laryngoscope group was significantly shorter** than that in Macintosh laryngoscope group.

CONCLUSION: In comparison to the Macintosh laryngoscope, tracheal intubation with the Airtraq laryngoscope resulted in less alterations in hemodynamical responses.