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Airway topicalization during tracheal intubation using the Airtraq in anesthetized patients

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The MADett™ is a new device designed to spray medications directly into the lungs via the ETT without interrupting ventilation in the intubating patients. Recently, we have successfully combined the Airtraq laryngoscope and the MADett™ to provide topicalization of the glottis and trachea during tracheal intubation in anesthetized patients, **30 patients.**

In all patients, a Cormack-Lehane grade 1 glottic view was obtained by the Airtraq.

In 29 patients, airway topicalization and tracheal intubation were completed successfully on the first attempt without extra manœuvres. **In one patient, however, the initial attempt to guide the ETT tip towards the glottis failed because the ETT took a posterior direction below the glottis. After the Airtraq_ laryngoscope was withdrawn 2 cm away from the glottis and lifted upwards, the ETT tip was directed towards the glottis and airway topicalization and tracheal intubation were then accomplished.**