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Comparison of the Airtraq® and Truview® to the Macintosh for use by Advanced Paramedics in easy and simulated difficult intubation

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Results: The Airtraq® reduced the number of optimization manoeuvres and reduced the potential for dental trauma when compared to the Macintosh, in both the normal and simulated difficult intubation scenarios. In contrast, the Truview® increased the duration of intubation attempts, and required a greater number of optimization manoeuvres, compared to both the Macintosh and Airtraq® devices.

Conclusion: The Airtraq® laryngoscope performed more favourably than the Macintosh and

Truview® devices when used by Paramedics in this manikin study. Further studies are required to

extend these findings to the clinical setting.