

عنوان مقاله:

Effect of Second Person Aid for Upward Displacement of Laryngoscope on Laryngeal View during Laryngoscopy

محل انتشار:

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خلاصه مقاله:

Introduction: Difficulties or failure in airway management is among leading causes of death due to anesthesia. Secure airway management necessitates an acceptable level of prediction, regarding the probability of difficult intubation and in occasions of difficulty, quick lifesaving reaction is required. This study aimed to assess a novel manual technique that enhances the exposing of laryngeal view by upward displacement of laryngoscope. Methods: In this study, 300 patients in the age range of 18-88 and ASA class I and II were studied. Mallampati score of each patient was estimated before intervention. After anesthesia, an expert would attempt laryngoscopy and laryngeal view was recorded. Immediately after checking laryngeal view by the first expert, a second person aide and lifts the laryngoscope upward in order to provide a better laryngeal view, then the new laryngeal view is recorded. Findings: A significant improvement was shown in patients' laryngeal view after performing the upward lifting of the laryngoscope (P value < 0.001). Conclusion: The result of this research indicates that the simultaneous upward displacement of laryngoscope during laryngoscopy provides a better laryngeal view for the clinician, making the process of intubation easier and more successful.

کلمات کلیدی:

Laryngeal View, Laryngoscopy, Tracheal Intubation, Upward Displacement

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