

Case Series on Comparison Between Dexmedetomidine Versus Propofol as Pre Anaesthetic Medication for Awake Fiberoptic Intubation

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Abstract : Background: Awake fiberoptic intubation is a challenging procedure that requires effective sedation. Dexmedetomidine and propofol are two commonly used sedatives, but their comparative efficacy and safety in this setting are unclear. Methods: This retrospective case series compared the sedation quality, hemodynamic stability, and recovery profiles of 6 patients, three who received dexmedetomidine and three patients who received propofol for awake fiberoptic intubation. Results: Dexmedetomidine provided better sedation quality, hemodynamic stability, and faster recovery times compared to propofol. Additionally, dexmedetomidine resulted in a lower incidence of post-operative nausea and vomiting. Conclusion: Dexmedetomidine appears to be a suitable alternative to propofol for awake fiberoptic intubation, offering better sedation quality, hemodynamic stability, and recovery profiles. Further prospective studies are needed to confirm these findings.

Keywords : dexmedetomidine, propofol, hemodynamic stability, efficacy

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