

Comparison of efficacy of Nebulized ketamine versus lignocaine for postoperative sorethroat

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Abstract

Background: The aim of the study is to evaluate the efficacy of ketamine and lignocaine for postoperative sorethroat.

Methodology: Prospective randomised control study. 90 adult patients were randomized into three groups 30 each. Group K receives ketamine 50mg with 4ml normal saline, for Group B receives lignocaine 2% 2ml with 2ml normal saline nebulization 10 min before induction and Group C do not receive any nebulization and is a control group. Postoperative sorethroat was monitored based on four point scale at immediate 2, 4, 8, 12, 24 hrs.

Results: Severity of postoperative sorethroat was less in lignocaine and ketamine group compared to control group. On follow up for 24 hours, ketamine group provides better relief in sorethroat compared to lignocaine group. Hemodynamic parameters were comparable in all three groups.

Conclusion: Ketamine nebulization when compared to gargling provides less discomfort to the patient and alleviates postoperative sorethroat for 24 hours when compared with lignocaine nebulization.

Biography

P Ramadevi is the Professor in the Velammal Medical College Hospital and Research Institute Madurai, India.

Publications

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