

عنوان مقاله:

Effectiveness of local lidocaine infiltration for reducing early complications of tonsillectomy

محل انتشار:

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خلاصه مقاله:

Tonsils are located in the upper airway. serious complications may threaten the patients during and following surgical operations in this area. this study was done to assess the effectiveness of local lidocaine infiltration for reducing complications of tonsillectomy. in this study, 74 patients were randomly selected. 37 patients received local lidocaine infiltration (2ml of 2% lidocaine) in the tonsillar capsules after general anesthesia, and in the other half tonsillectomy were performed under general anesthesia with infiltration of placebo (normal saline). in both groups some rise in blood pressure and heart rate was observed. but difference with the preoperative blood pressure and heart rate was not statistically significant. the degree of postoperative restlessness (zero in lidocaine group, 30% in placebo group) and reduction of peripheral O₂ saturation (26% in lidocaine group, 74% in placebo group) decreased significantly in the case group ($p < 0.05$). our study indicated that local lidocaine infiltration diminished some early complications of tonsillectomy, especially restlessness and reduction of peripheral O₂ saturation.

کلمات کلیدی:

tonsillectomy, local infiltration, early complications, restlessness, peripheral O₂ saturation, Lidocaine

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