

A Comparison Between Ondansetron and Dexamethasone In The Prevention of Postoperative Nausea and Vomiting After Elective Overioctomy (oophorectomy)

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Abstract

Background: Laparoscopic surgeries are associated with an appreciable high rate of post-operative nausea and vomiting, there is a trial to compare the effect of two drugs to minimize it.

Objective: To compare the effect of ondansetron and dexamethasone in a sample of patients.

Patients and Methods: One hundred had been patients scheduled for laparoscopic overioctomy match divided to two groups randomly, given same anesthesia technique, Group 1; 50 receive dexamethasone 8mg i.v. (8mg/2ml). Group 2; 50 receive ondansetron (de -vomit, 4mg/2nl) iv. Both nausea and vomiting assessed during 24 h after operation. The assessment tool according to bellville scoring scale.

Results: The two group match for better comparison study, list of side effect destitution in both group were assessed, post-operative nausea and vomiting (PONV) assessed in different episodes during the operation time, their PONV was lower in both groups. No superior drugs found.

Conclusion: Use of ondansetron (de-vomit, 4mg/2nl) iv. And dexamethasone 8mg i.v. (8mg/2ml) both can reduce PONV, but the intensity of these symptoms between the groups were not statistically significant difference.

Key words: Ondansetron, dexamethasone, post-operative nausea, overioctomy.

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