

The effect of nicotine patch in reducing nausea and vomiting and pain following laparoscopic cholecystectomy

Background: Postoperative nausea and vomiting is an unpleasant condition commonly occurring in one-third of the population under general anesthesia, and all patients have pain after surgery, and it is very important that the pain Possibility to be controlled. The aim of this study was to investigate nicotine havoc labels in reducing nausea and vomiting and pain following laparoscopic cholecystectomy.

Methods: In this triplicate clinical trial study, 100 non-smoker patients were admitted and subjected to drug and placibo treatment in two groups of 50 patients. One hour after the beginning of the nicotine-labeled surgical procedure and The medication was installed in patients and the severity of pain, nausea and vomiting was evaluated at 0, 6, 12, and 24 hours.

Results: 57% of patients were female and 43% were male. The mean age of patients was 48.9 years. The duration of operation was 45.21 minutes. Duration of pain was 28.78 days. pain and nausea and vomiting were not significantly different between the two groups at 0, 6, 12 and 24 hours.

Conclusion: Nicotine pach on nausea and vomiting and pain in post-cholecystectomy patients is not effective.

Key words: nicotine patch , nausea and vomiting, pain , laparoscopic cholecystectomy