

## Drug injection of Lanwei acupoint to prevent pull response during appendectomy

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### Abstract

**AIM:** To observe the effects of Lanwei acupoint blockade with drug to prevent pull response during appendectomy.

**METHODS:** Sixty patients with appendix (37 male and 23 female, ASA I - II) aged from 16 to 58 years old, were divided into two groups at random, and they underwent persistent epidural nerve block and Mc Burney opening. Group A for experiment ( $n_A = 30$ ) received persistent epidural nerve block plus drug injection of Lanwei acupoint. And the control group, group B ( $n_B = 30$ ), Received simple epidural nerve block. No remarkable difference was found in the

general data of both groups ( $P > 0.05$ ).

**RESULTS:** None of the experimental group had marked nausea and vomiting. Twenty-six cases belonged to grade 0 (account for 86.67%). Three cases were of grade I. One case was of grade II. None belonged to grade III. There were fewer changes in HR, BP and SPO2 during the operation. Compared with the experimental group. The results in the control group showed obvious changes in HR, BP and SPO2, especially at the time of 5 min post-pull appendix ( $P < 0.01$ ). Eleven cases belonged to grade III (36.67%), seven cases to grade II and Four cases to grade I, only 2 cases to grade 0.

**CONCLUSION:** Adjusting the function of Zang and Fu, maintaining the coordination and the balance among Zang and Fu, drug injection of Lanwei acupoint may prevent vagus reflex. The method is simple, easy, inexpensive and effective. It is advantageous to anesthetic care during the operation.

**Key words:** Acupuncture points; Acupuncture anesthesia, appendectomy; Injections, intralesional; Lanwei acupoint

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