



Dan Nang Xue blockade with Innovar and Atropine to prevent internal organ pull response

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Abstract

AIM: To observe the effects of Innovar and Atropine on Visceral pull response.

METHODS: Patients were randomly divided into two groups. The experimental group was treated by Dan Nang Xue blockade with Innovar 4 mL and Atropine 0.5 mg ($n = 40$) and the control group was treated by abdominal vagus blockade with 10 mL of 10 g/L Lidocaine ($n = 40$). Dan Nang Xue was chosen for insertion of No.5 needle (5 cm in length) after local sterilization. The acupoint of Dan Nang Xue is located at the outside of knee-joint and it is one-finger

wider below Yanglingquan can be found. A sensitive point. The needle was inserted between tibia and fibulae, lifted, thrust and twirled until the patient felt ache. Innovar and Atropine were injected on Dan Nang Xue and the acupoint was gently massaged.

RESULTS: Patients in the experimental group remained quiet during operation. Neither nausea or vomiting nor uncomfortable reaction was complained, 85% of the patients belonged to grade III. Acupuncture enhanced the peristalsis of gallbladder and biliary secretions. Atropine relieved muscular spasm and prevented vomiting. A low heart rate was noted in the control during abdominal survey and gallbladder pull ($P < 0.05$).

CONCLUSION: Dan Nang Xue blockade with innovar and atropine can prevent visceral pull response.

Key words: Gallbladder/surgery; Atropine; Internal organs pull response; Follow-up studies; Dan Nang Xue blockade; Cholecystectomy

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