

# Effect of Perioperative High-dose Transdermal Nicotine Patch on Pain Sensitivity Among Male Abstinent Tobacco Smokers Undergoing Thoracic Surgery: A Randomized Controlled Pilot Study

NCT07250230

---

Status	RECRUITING
Phase	Not Applicable
Sponsor	Henan Provincial People's Hospital
Enrollment	80 participants

## Key Eligibility Criteria

---

### Inclusion (6)

- Male, aged 18-75 years, with a body mass index (BMI) of 18-28 kg/m<sup>2</sup> Between;
  - Thoracoscopic lobectomy/segmental/wedge resection under general anesthesia;
  - American Society of Anesthesiologists (ASA) classifications I-III Level;
  - Regular smoking for more than 2 years, smoking more than 10 cigarettes per day in the past 6 months, and not successfully quitting smoking within 1 month (after admission, the doctor and nurse informed the smoking cessation plan to intervene before starting to stop smoking or 1 d cigarette count d 10 cigarettes/day in the past month), FTND score e 2;
  - No severe respiratory diseases, no serious cardiovascular and cerebrovascular diseases (hypertension is treated with SBP d 160mmHg, DBP d 90mmHg after systemic treatment);
- ... and 1 more (see full listing online)

### Exclusion (7)

- Those who have a history of alcoholism, long-term use of sedatives or analgesics;
  - Patients with psychiatric and nervous system diseases (such as Parkinson's, depression, schizophrenia) and severe audio-visual dysfunction before surgery;
  - Preoperative systolic blood pressure  $\geq$  180mmHg or diastolic blood pressure  $\geq$  110mmHg;
  - Patients who were converted to thoracotomy during thoracoscopic surgery
  - Patients who are transferred to the intensive care unit after surgery;
- ... and 2 more (see full listing online)

## Locations (1 total)

---

Department of Anaesthesiology and Perioperative Medicine, People's Hospital of Zhengzhou University, Henan Provincial People's Hospital, Zhengzhou, Henan, Zhengzhou, Henan, China