Anrikefon-based Patient-controlled Intravenous Analgesia After Laparoscopic Surgery

NCT07246785

Status	RECRUITING
Phase	Phase 4
Sponsor	Peking University First Hospital
Enrollment	140 participants

Key Eligibility Criteria

Inclusion (3)

- Aged e 18 years but \< 75 years;
- Scheduled to undergo elective laparoscopic gastrointestinal surgery with an expected duration of e1 hour;
- The incisional pain can be covered by the transversus abdominis plane block or rectus sheath block; yet patients still require postoperative patient-controlled intravenous analgesia.

Exclusion (8)

- Presence of preoperative cognitive impairment (Mini-Mental State Examination \[MMSE\] score \< 27), or inability to communicate due to language barrier;
- Body mass index (BMI) \> 30 kg/m² or \< 18 kg/m²;
- Presence of poorly controlled or untreated comorbidities, including but not limited to the following: hypertension characterized by a resting systolic blood pressure (SBP) \> 180 mmHg and/or diastolic blood pressure (DBP) \> 110 mmHg, coronary artery disease with unstable angina or myocardial infarction within 6 months, heart failure rated as New York Heart Association classification e III, severe chronic obstructive pulmonary disease (or in a state of acute exacerbation), severe hepatic insufficiency (Child-Pugh grade C), severe renal insufficiency (estimated glomerular filtration rate \< 30 ml/min/1.73m²), or American Society of Anesthesiologists (ASA) physical status classification e IV;
- Continuous use of opioid analgesics for more than 10 days for any reason, or alcohol abuse (average daily intake of pure alcohol \> 36 g) within 3 months before screening;
- Preoperative use of opioid or non-opioid analgesics with the interval between the last administration and randomization shorter than five half-lives of the drug or the duration of drug action (whichever is longer);

... and 3 more (see full listing online)

Locations (1 total)

Peking University First Hospital, Beijing, Beijing Municipality, China