

Different Dose Esketamine and Dexmedetomidine Combination for Supplemental Analgesia After Scoliosis Correction Surgery

NCT06062550

Status	RECRUITING
Phase	Phase 4
Sponsor	Peking University First Hospital
Enrollment	312 participants

Key Eligibility Criteria

Inclusion (3)

- Aged ≥18 years and body weight ≥40 kg;
- Scheduled to undergo scoliosis correction with pedicle screw fixation;
- Required patient-controlled intravenous analgesia after surgery.

Exclusion (7)

- Preoperative sick sinus syndrome, severe sinus bradycardia (heart rate <50 beats/min), atrioventricular block grade II or above without pacemaker; or comorbid with congenital heart disease, arrhythmia, or other serious cardiovascular diseases with a cardiac function grade III;
- Patients with moderate and severe obstructive sleep apnea diagnosed preoperatively or according to the STOP-Bang score
- History of hyperthyroidism and pheochromocytoma;
- History of schizophrenia, epilepsy, myasthenia gravis, or delirium;
- Severe liver dysfunction (Child Pugh grade C), severe renal dysfunction (preoperative dialysis), or American Society of Anesthesiologists grade ≥IV;
- ... and 2 more (see full listing online)

Locations (1 total)

Beijing University First Hospital, Beijing, Beijing Municipality, China