

Nalbuphine Timing Effects on Hemodynamics and Analgesia in Elderly Patients

NCT07271849

Status	RECRUITING
Phase	Phase 4
Sponsor	Qianfoshan Hospital
Enrollment	162 participants

Key Eligibility Criteria

Inclusion (7)

- All study participants voluntarily enrolled in the trial and provided written informed consent after being fully informed of the trial's purpose and significance
- Participants underwent unilateral total knee arthroplasty under general anesthesia
- Elderly participants (age \geq 65 years), regardless of gender
- Body mass index (BMI) ranging from 18 kg/m² to 30 kg/m²
- Absence of psychiatric disorders, normal consciousness, and ability to communicate effectively
- ... and 2 more (see full listing online)

Exclusion (4)

- Study participants with uncontrolled or untreated hypertension (resting systolic/diastolic blood pressure $>$ 180/100 mmHg)
- Individuals with severe respiratory diseases
- Subjects with abnormal liver or renal function (ALT and/or AST $>$ 2.5 times the upper limit of normal, total bilirubin $>$ 1.5 times the upper limit of normal, serum creatinine $>$ 1.5 times the upper limit of normal)
- Individuals with a history of drug abuse, illicit drug use, or alcohol abuse, where alcohol abuse is defined as an average daily alcohol intake exceeding 2 units (1 unit = 360 mL of beer, 45 mL of 40% alcohol by volume spirits, or 150 mL of wine)

Locations (1 total)

Qianfoshan Hospital, The First Hospital affiliated of Shandong First Medical University,, Jinan, Shandong, China