

Effects of Magnesium Sulfate on Oxygenation and Lung Mechanics During One-Lung Ventilation

NCT07325773

Status RECRUITING
Sponsor Marmara University
Enrollment 104 participants

Key Eligibility Criteria

Inclusion (2)

- Adults aged 18 to 80 years Scheduled for elective thoracic surgery performed with video-assisted thoracoscopic surgery (VATS) requiring one-lung ventilation under general anesthesia.
- ASA physical status II-III Ability to provide informed consent Undergoing general anesthesia with double-lumen tube placement

Exclusion (6)

- Patients undergoing pneumonectomy
- Patients with renal, hepatic, or cardiovascular failure
- Patients with a BMI ≤ 15 kg/m² or ≥ 35 kg/m²
- Patients with a preoperative pulmonary function test showing FEV₁ ≤ 1.5 liters
- Patients who are transferred to the intensive care unit intubated in the postoperative period
- ... and 1 more (see full listing online)

Locations (1 total)

Marmara University Faculty of Medicine, Basibuyuk Campus, Istanbul, Turkey (Türkiye)