

Different Methods of Aerosolized Polymyxin B Inhalation for Treating Carbapenem-Resistant Gram-Negative Bacterial Pneumonia.

NCT07086391

Status RECRUITING
Sponsor Fujian Medical University Union Hospital
Enrollment 144 participants

Key Eligibility Criteria

Inclusion (4)

- Pneumonia diagnosed per Chinese Thoracic Society criteria (radiographic + clinical evidence).
- Sputum culture-confirmed carbapenem-resistant Gram-negative bacteria susceptible to polymyxin B.
- ≥3 days of aerosolized polymyxin B therapy.
- Mechanically ventilated with an artificial airway.

Exclusion (4)

- Polymyxin B aerosol use planned for <3 days.
- Terminal status (life expectancy <48h).
- Severe liver/kidney dysfunction (ALT/AST >5× ULN; eGFR <30 mL/min).
- No informed consent.

Locations (1 total)

Fujian Medical University Union Hospital, Fuzhou, Fujian, China