

Cefiderocol and Ampicillin-sulbactam vs. Colistin +/- Meropenem for Carbapenem Resistant *A. Baumannii*

NCT05922124

Status	RECRUITING
Phase	Phase 4
Sponsor	Rambam Health Care Campus
Enrollment	734 participants

Key Eligibility Criteria

Inclusion (1)

- Adults ≥ 18 years with bacteremia or hospital-acquired pneumonia (HAP)/ ventilator-associated pneumonia (VAP) (Table 3) caused by carbapenem-resistant *A. baumannii* (CRAB) (meropenem and/ or imipenem minimal inhibitory concentration (MIC) $\geq 8 \mu\text{g/mL}$) susceptible to cefiderocol (disc zone diameter ≥ 17 mm, corresponding to an MIC $< 2 \mu\text{g/mL}$). We will include CRAB regardless of colistin, ampicillin-sulbactam, minocycline, tigecycline, trimethoprim/sulfamethoxazole and/or aminoglycoside susceptibility of the isolate. Attribution of the HAP/ VAP to CRAB will be allowed with isolation of CRAB from any respiratory sample within 7 days prior to the clinical diagnosis of pneumonia.

Exclusion (10)

- More than 72 hours of therapy with in-vitro coverage against the CRAB within 96 hours of enrolment
- Polymicrobial carbapenem-susceptible infections: growth of other pathogens susceptible to carbapenems, or another beta-lactam, deemed clinically-significant by the treating physicians in blood or sputum (with HAP/ VAP). We will allow recruitment of patients with other carbapenem-resistant Gram-negative bacteria
- CRAB susceptible any beta-lactam other than cefiderocol
- Coronavirus 2019 (COVID-19) co-infection
- Immediate-type hypersensitivity to penicillin
- ... and 5 more (see full listing online)

Locations (3 total)

Rambam Health Care Campus, Haifa, Israel
Sheba Tel HaShomer Medical Campus, Ramat Gan, Israel
Shamir Medical Center (Assaf Harofeh), Tel Aviv, Israel

<https://clinicaltrials.gov/study/NCT05922124>

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