

Abstract: Community-Acquired Acinetobacter Pneumonia

Acinetobacter baumannii is a Gram-negative bacterium typically associated with nosocomial infections and high mortality. Community-acquired *A. baumannii* pneumonia (CAP-Ab) is exceedingly rare. We present a case in an elderly female with COPD and chronic kidney disease who developed CAP-Ab without traditional healthcare-associated risk factors.

This case highlights the diagnostic and therapeutic challenges of CAP-Ab, particularly in identifying environmental sources of infection. The patient's frequent gardening suggests soil exposure as a plausible source, with underlying lung disease serving as a potential nidus for infection. Notably, *A. baumannii* is often multidrug-resistant, and carbapenems such as meropenem or imipenem are typically preferred. However, this patient's isolate lacked common resistance genes and responded to ertapenem, an agent generally considered ineffective against this organism.

This case underscores the importance of early recognition, consideration of environmental exposures, and prompt antibiotic therapy, as well as the need for further research into CAP-Ab epidemiology and treatment strategies.