

Acinetobacter baumannii

Since the 1990s, [antimicrobial resistance](#) (AMR) has escalated dramatically among [Acinetobacter baumannii](#)-calcoaceticus complex [ABC]). Global spread of multidrug-resistant (MDR)-ABC strains reflects dissemination of a few clones between [hospitals](#), geographic regions, and continents; excessive [antibiotic](#) use amplifies this spread. Many isolates are resistant to all antimicrobials except colistimethate sodium and [tetracyclines](#) ([minocycline](#) or [tigecycline](#)); some infections are untreatable with existing antimicrobial agents. AMR poses a serious threat to effectively treat or prevent ABC infections. Strategies to curtail environmental colonization with MDR-ABC require aggressive infection-control efforts and cohorting of infected patients. Thoughtful antibiotic strategies are essential to limit the spread of MDR-ABC. Optimal therapy will likely require combination antimicrobial therapy with existing [antibiotics](#) as well as development of novel antibiotic classes ¹⁾.

[Nosocomial infections](#) caused by the Gram-negative coccobacillus *Acinetobacter baumannii* have substantially increased over recent years. Because *Acinetobacter* is a genus with a tendency to quickly develop resistance to multiple antimicrobial agents, therapy is often complicated, requiring the return to previously used drugs ²⁾.

Acinetobacter baumannii ventriculitis

see [Acinetobacter baumannii ventriculitis](#)

¹⁾

Lynch JP 3rd, Clark NM, Zhanel GG. Infections Due to [Acinetobacter baumannii](#)-calcoaceticus Complex: Escalation of [Antimicrobial Resistance](#) and Evolving Treatment Options. *Semin Respir Crit Care Med*. 2022 Feb;43(1):97-124. doi: 10.1055/s-0041-1741019. Epub 2022 Feb 16. PMID: 35172361.

²⁾

Hoeningl M, Drescher M, Feierl G, Valentin T, Zarfel G, Seeber K, Krause R, Grisold A. Successful management of nosocomial ventriculitis and meningitis caused by extensively drug-resistant *Acinetobacter baumannii* in Austria. *Can J Infect Dis Med Microbiol*. 2013 Fall;24(3):e88-90. PubMed PMID: 24421838.

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