
Cochrane Database of Systematic Reviews - - Cochrane Review

Eradication therapy for *Burkholderia cepacia* complex in people with cystic fibrosis

Code: CD009876

Year: 2019 **Date:** 2014 - updated: 12 MAR 2019

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Study design (if review, criteria of inclusion for studies)

Randomised or quasi-randomised studies

Participants

Patients with initial acquisition of BCC infections; people with chronic BCC infection

Interventions

antibiotics used alone or in combination, using any method of delivery and any treatment duration, to eradicate *Burkholderia cepacia* complex infections compared to another antibiotic, placebo or no treatment

Outcome measures

eradication after initial acquisition or prevention or delay onset of chronic infection; lung function, nutritional status, clinical scores and mortality; microbiological outcomes; adverse effects; cost-effectiveness

Main results

No studies looking at the eradication of *Burkholderia cepacia* complex species were identified.

Authors' conclusions

or exploration and research in this area, specifically the need for wellâ€•designed multiâ€•centre randomised controlled studies of a variety of (novel) antibiotic agents.

<http://onlinelibrary.wiley.com/doi/10.1002/14651858.CD009876.pub4/abstract>

See also

Regan KH, Bhatt J. Eradication therapy for *Burkholderia cepacia* complex in people with cystic fibrosis. Cochrane Database of Systematic Reviews 2019, Issue 4. Art. No.: CD009876. DOI: 10.1002/14651858.CD009876.pub4.

Keywords

Anti-Bacterial Agents; pharmacological_intervention; *Burkholderia cepacia*; Respiratory Tract Infections; Respiratory Tract Diseases; Infection; Bacterial Infections; Exacerbation;