Cochrane Database of Systematic Reviews - - Cochrane Protocol (ongoing review)

Strategies to prevent kidney injury from antibiotics in people with cystic fibrosi

Code: CD013032 **Year:** 2018 **Date:** 2018 **Author:** Ditchfield N

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

Randomised controlled trials (RCTs) and quasi- RCTs of both parallel and cross-over design.

Participants

Children and adults with a diagnosis of CF confirmed by genetic or sweat testing who are receiving intravenous antibiotics (of any type) for treating an infection

Interventions

Different types (any class) and dose of intravenous antibiotics. The effect of avoidance of concomitant nephrotoxic drugs (NSAIDs, oral antibiotics and nebulised antibiotics) alongside the intravenous antibiotics will be considered.

Outcome measures

Primary outcomes 1. Nephrotoxicty i) serum (blood) creatinine levels ii) creatinine clearance iii) urinary excretion of protein iv) urinary excretion of biomarkers of proximal tubular toxicity Secondary outcomes 1. Eradication of respiratory infection 2. Participant-reported symptom scores 3. Lung function parameters 4. Participant-reported QoL scores 5. Adverse effects of treatment

http://onlinelibrary.wiley.com/doi/10.1002/14651858.CD013032/abstract

See also

Ditchfield N, Gilchrist FJ, Davies SJ, Carroll W. Strategies to prevent kidney injury from antibiotics in people with cystic fibrosis (Protocol). Cochrane Database of Systematic Reviews 2018, Issue 5. Art. No.: CD013032. DOI: 10.1002/14651858.CD013032.

Keywords

Anti-Bacterial Agents; Bacterial Infections; Infection; Intravenous; percutaneous; pharmacological_intervention; Respiratory Tract Diseases; Respiratory Tract Infections; Exacerbation;