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primary studies - published RCT

## **Ticarcillin compared with carbenicillin in the treatment of exacerbations of bronchopulmonary infection in cystic fibrosis.**

**Code:** PM6871085

**Year:** 1983 **Date:** 1983

**Author:** Penketh AR

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

randomized trial

### **Participants**

16 adults with cystic fibrosis and chronic bronchopulmonary infection with *Pseudomonas aeruginosa*, admitted to hospital for chemotherapy

### **Interventions**

carbenicillin or ticarcillin. In addition all patients received gentamicin.

### **Outcome measures**

respiratory function, *Pseudomonas aeruginosa* eradication

### **Main results**

Both antibiotic treatments produced clinical improvement and significant improvement in respiratory function, but there was no difference between them. *Pseudomonas aeruginosa* was not eradicated from sputum with either treatment regimen.

[http://dx.doi.org/10.1016/0007-0971\(83\)90025-6](http://dx.doi.org/10.1016/0007-0971(83)90025-6)

### **See also**

Br J Dis Chest. 1983 Apr;77(2):179-84.

### **Keywords**

Adolescent; Adult; Anti-Bacterial Agents; Bacterial Infections; carbenicillin; Combined Modality Therapy; Gentamicin; Infection; Penicillins; pharmacological\_intervention; *Pseudomonas aeruginosa*; *Pseudomonas*; Respiratory Tract Diseases; Respiratory Tract Infections; Ticarcillin; Exacerbation; Aminoglycosides;