

primary studies - published RCT

Listening to motivational music while walking elicits more positive affective response in patients with cystic fibrosis

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

randomised controlled open trial

Participants

patients with cystic fibrosis who were chronically infected with *Pseudomonas aeruginosa*. The two groups of 10 patients were similar in terms of age, sex, and pulmonary function at entry to the trial.

Interventions

azlocillin and gentamicin versus carbenicillin and gentamicin

Outcome measures

The clinical response was assessed by measurements of pulmonary function and the patients' feelings of wellbeing scored on a visual analogue scale. The sputum penetration of the antibiotics used was also studied.

Main results

Both regimens produced significant improvement in pulmonary function over 10 days. The mean FEV_{sub 1} in the azlocillin group increased from 1206 to 1760 ml (p

<https://www.ncbi.nlm.nih.gov/pubmed>

See also

Complement Ther Clin Pract. 2016 May;23:52-8

Keywords

Anti-Bacterial Agents; Azlocillin; Bacterial Infections; carbenicillin; Food; Gentamicin; Infection; pharmacological_intervention; *Pseudomonas aeruginosa*; *Pseudomonas*; Respiratory Tract Diseases; Respiratory Tract Infections; Penicillins; Aminoglycosides;