

primary studies - published RCT

Effect of nebulized albuterol on blood glucose in patients with diabetes mellitus with and without cystic fibrosis.

Code: PM15965894

Year: 2005 **Date:** 2008

Author: König P

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

phase 2 randomized, placebo-controlled, double-blind clinical trial of denufosal in patients with mild to moderate CF

Participants

n=89; spirometries=1418

Interventions

spirometry

Outcome measures

Uniform spirometers were used with electronic data transmission of all the data to a reading center. Spirometry was evaluated for quality by a central reader based on start of test, cough during the test, and evidence of a plateau.

Main results

In only 5 instances did the central reading center need to give feedback to sites regarding the quality of spirometry. The study site data matched the central reading center's data for all but 78 (6%) spirometry values in 33 patients. Many of these differences were small with only 35 (3%) values differing by more than 50 mL in 26 patients.

Authors' conclusions

Spirometry in this clinical trial was of high quality with low rate of significant centralized over-read.

<http://dx.doi.org/10.1002/ppul.20263>

See also

Pediatric pulmonology YR: 2005 VL: 40 NO: 2

Keywords

Adolescent; Other drugs; denufosal; Inhalation OR nebulised; pharmacological_intervention; placebo;