

primary studies - published RCT

Early assessment of glucose abnormalities during continuous glucose monitoring associated with lung function impairment in cystic fibrosis patients.

Code: PM24359972

Year: 2013 **Date:** 1982

Author: Leclercq A

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

Randomised, cross-over trial

Participants

14 participants with CF, age range 12 - 29 years, mean age 15.9 years, chronic infection with *Pseudomonas aeruginosa*.

Interventions

PEP compared to conventional physiotherapy, 4 days

Outcome measures

FVC, FEV1, RV, FRC, TLC, PF, bacteriology (*Pseudomonas aeruginosa*, *Staphylococcal aureus*, *E. coli*)

<http://dx.doi.org/10.1016/j.jcf.2013.11.005>

See also

J Cyst Fibros. 2013 Dec 17. pii: S1569-1993(13)00195-1. doi: 10.1016/j.jcf.2013.11.005.

Keywords

Adolescent; Adult; Bacterial Infections; Child; exercise; Infection; non pharmacological intervention - devices OR physiotherapy; Positive-Pressure Respiration- PEP- pep mask; Pneumonia; Respiratory Tract Diseases; Respiratory Tract Infections; Self-Management; Ventilators; Virus mask; Airway clearance technique; Chest physiotherapy;