primary studies - published RCT

Beyond postural drainage and percussion: Airway clearance in people with cystic fibrosis.

Code: PM20153269 **Year:** 2010 **Date:** 2010 **Author:** Pryor JA

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

prospective, randomised controlled trial

Participants

75 people with cystic fibrosis

Interventions

different ACTs.

Outcome measures

The primary outcome measure was forced expiratory volume in one second (FEV(1)). Secondary outcome measures included exercise capacity and health related quality of life.

Main results

Using intention to treat, data were available on 65 subjects at the end of the study period. There were no statistically significant differences among the regimens in the primary outcome measurement of FEV(1) (p=0.35).

Authors' conclusions

In different countries either one or several airway clearance regimens are used. This study provides evidence in support of current practices.

http://dx.doi.org/10.1016/j.jcf.2010.01.004

See also

J Cyst Fibros. 2010 May;9(3):187-92. Epub 2010 Feb 12.

Keywords

Adolescent; Adult; Airway clearance technique; Chest Wall Oscillation; Drainage; non pharmacological intervention - devices OR physiotherapy; Percussion; Postural Drainage; Chest physiotherapy;