

primary studies - published RCT

Influence of mist tent therapy on sputum viscosity and water content in cystic fibrosis.

Code: PM4425061

Year: 1974 **Date:** 1989

Author: Rosenbluth M

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

Randomised controlled trial. Parallel design.

Participants

17 participants. Mean (SD) age: CCPT: 15.9 years (4.9); exercise: 15.4 years (4.9). All participants completed.

Interventions

CCPT (n=8) or exercise plus CCPT (n = 9).

Outcome measures

FVC, FEV1, FEF25-75, ERV, IC, FRC, airway resistance, RV, TLC, exercise test, SAC.

Main results

Pulmonary function and exercise response were significantly improved over the period of hospitalization in both groups; the improvements were the same in the two groups.

Authors' conclusions

These results indicate that, in some hospitalized patients with CF, exercise therapy may be substituted for at least part of the standard protocol of bronchial hygiene therapy.

<http://www.mrw.interscience.wiley.com/cochrane/clcentral/articles/213/CN-00547213/frame.html>

See also

Archives of Disease in Childhood YR: 1974 VL: 49 DE: RCT NO: 8

Keywords

Adolescent; Airway clearance technique; Child; Combined Modality Therapy; Drainage; exercise; non pharmacological intervention - devices OR physiotherapy; Exacerbation; Respiratory Tract Infections; Respiratory Tract Diseases; Infection; Bacterial Infections;