

primary studies - published RCT

The effect of dornase alfa on ventilation inhomogeneity in patients with cystic fibrosis.

Code: PM20693248

Year: 2011 **Date:** 2015

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

RCT

Participants

10 mothers of children with CF ages 4-9 years.

Interventions

A web intervention (BehnCharge.org [BIC]) of behavior plus nutrition intervention. Randomization to the web-based BIC or a Standard Care Control (STC)..

Outcome measures

Change in weight gain for each group was compared in a pre- to-post design.

Main results

Mothers rated the usability and clarity of BIC highly. The pilot trial showed children of mothers who received BIC had a significant change in weight pre-to-post- treatment (0.67 kg, $p = .04$). Change for the STC was not significant (0.41 kg, $p = .10$).

Authors' conclusions

A web-based behavior plus nutrition intervention appears promising in increasing weight gain in children with CF.

<http://dx.doi.org/10.1183/09031936.00072510>

See also

Eur Respir J. 2011 Apr;37(4):806-12. Epub 2010 Aug 6.

Keywords

non pharmacological intervention - diet; non pharmacological intervention - psycho-soc-edu-org; Nutrition Disorders; Behavioural interventions; training;