

primary studies - published RCT

Chest physiotherapy in cystic fibrosis: short-term effects of autogenic drainage preceded by wet inhalation of saline versus autogenic drainage preceded by intrapulmonary percussive ventilation with saline.

Code: PM18042976

Year: 2008 **Date:** 2011

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

RCT

Participants

In a population setting of people undergoing assisted reproduction, 44 individuals

Interventions

individuals were randomly assigned to either receiving standard one-on-one genetic counseling or education by the IC program.

Outcome measures

Pre- and post-intervention knowledge about CF genetic transmission and carrier testing was measured.

Main results

Starting from an equivalent baseline of correct answers to a specially designed multiple-choice questionnaire (47% in the counselor group and 45% in the computer group) both groups showed a highly significant and similar increase (reaching 84% in the counselor group and 85% in the computer group).

Authors' conclusions

The computer program under evaluation can successfully educate individuals considering genetic testing for CF.

<http://dx.doi.org/10.1159/000111818>

See also

Respiration. 2008;76(2):175-80. Epub 2007 Nov 28.

Keywords

Adult; carrier status; computer programs; Counseling; Family Therapy; Genetic Predisposition to Disease; Genetic Testing; Heterozygote Detection; non pharmacological intervention - diagn; non pharmacological intervention - psycho-soc-edu-org; screening; training; Psychoeducation; Systemic interventions; diagnostic procedures; non pharmacological intervention - genetic& reprod;