primary studies - published RCT

Impact of telenursing-based family empowerment program on self-efficacy and treatment adherence in children with cystic fibrosis "telenursing and CF".

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

Rndomized clinical trial

Participants

50 CF patients between 9 and 17

Interventions

Patients were randomly assigned to two groups: an intervention group (received twelve-week telenursing training via the SendBig website and Skype messenger) or a control group (routine care).

Outcome measures

The child and caregiver demographic information questionnaire, Pediatric Rating of Chronic Illness Self-Efficacy, and Adherence to Treatment Questionnaire were evaluated before, immediately, and one month after the intervention.

Main results

The results showed a significant difference in the mean total scores of self-efficacy and treatment adherence between the two groups, immediately and one month after the intervention (P-value

Authors' conclusions

Considering the improvement of self-efficacy and treatment adherence in the intervention group, it is recommended to use a telenursing-based family empowerment program for children with CF.

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See also

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Keywords

telemedicine; non pharmacological intervention - psyco-soc-edu-org; Home; non pharmacological intervention - devices OR physiotherapy; Organization; Adult; Child; Adolescent; Caregivers; Home Care Services;