primary studies - published RCT

Effect of a microaerosol filter on spirometry in children with cystic fibrosis.

Code: PM12463328 **Year:** 2002 **Date:** 2002 **Author:** Rogers D

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

randomised, open, cross-over trial

Participants

26 subjects with CF

Interventions

spirometry with and without an in-line filter

Outcome measures

lung function

Main results

The filter had no significant effect on spirometric parameters nor was there any order effect. Measurement error was unrelated to the magnitude of the measurement.

Authors' conclusions

In-line microaerosol filters do not affect spirometric values or variability in children with CF.

http://dx.doi.org/10.1111/j.1651-2227.2002.tb00138.x

See also

Acta Paediatr. 2002;91(11):1257-9.

Keywords

Adolescent; Child; nebuliser; non pharmacological intervention - devices OR physiotherapy;