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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;