primary studies - published, non RCT

Assessment of in-line filters to prolong the life of intravenous cannulae in cystic fibrosis patients.

Code: PM7593378 **Year:** 1995 **Date:** 1995 **Author:** Richards C

Participants

12 patients with cystic fibrosis

Interventions

replace the Venflon cannulae as they became non-patent and inserting a filter on alternate occasions. Thus each patient acted as her/his own control. 12 courses of intravenous antibiotics, each over 10-14 days, both with and without the use of an extended-life disposable filter

Outcome measures

times during which cannulae remained patent

Main results

Comparison of times during which cannulae remained patent showed a 50% improvement with use of a filter for 4 patients and no change for 7 patients. There was no significant difference associated with the use of a filter for the group as a whole but our small sample size excludes modest improvements.

http://www.mrw.interscience.wiley.com/cochrane/clcentral/articles/246/CN-00120246/frame.html

See also

J Clin Pharm Ther. 1995 Jun;20(3):165-6.

Keywords

Adolescent; Adult; hydration; Hypertonic Solutions; Inhalation OR nebulised; non pharmacological intervention - devices OR physiotherapy; pharmacological_intervention; Anti-Bacterial Agents; Bacterial Infections; Infection; Respiratory Tract Infections; Intravenous; Respiratory System Agents; Respiratory Tract Diseases;