primary studies - published RCT

18F-fluorodeoxyglucose-PET/CT imaging of lungs in patients with cystic fibrosis.

Code: PM19696124 **Year:** 2009 **Date:** 1976 **Author:** Klein M

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

double-blind trial

Participants

153 children with cystic fibrosis during the initial appearance of influenza A/England/42 virus in the New England area

Interventions

Amantadine-HC1

Outcome measures

symptomatic and biochemical toxicity

Main results

Infection with this variant strain of influenza virus did not reach epidemic proportions during the study, so that the effectiveness of amantadine in this study population could not be fully assessed. However, the potential symptomatic and biochemical toxicity of amantadine was carefully monitored in a pediatric population.

Authors' conclusions

Serologic screening by complement fixation tests indicated that respiratory viruses may be important pathogens in exacerbations of respiratory disease in patients with cystic fibrosis.

http://dx.doi.org/10.1378/chest.09-0610

See also

Chest. 2009 Nov;136(5):1220-8

Keywords

amantadine; Antiviral Agents; Child; Infection; pharmacological_intervention; Respiratory Tract Diseases; Respiratory Tract Infections; Virus; Influenza A virus;