

primary studies - published RCT

The Short Term Influence of Chest Physiotherapy on Lung Function Parameters in Children With Cystic Fibrosis and Primary Ciliary Dyskinesia.

Code: PM35676908

Year: 2022 Date: 1987

Author: Vandervoort B

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

A randomised double-blind placebo controlled study over 1 year.

Participants

People with CF (n = 55) attending the CF Clinic of the St Vincent's Hospital in New York, USA.

Interventions

An intranasal bivalent cold adapted influenza A vaccine (A/Dunedin/83 CR-64 (H1N1), A/Korea/1/82 CR-59 (H3N2)) plus monovalent inactivated influenza B 1 week later versus intranasal placebo plus parenteral trivalent inactivated influenza vaccine

Outcome measures

1. Adverse effects 2. Antibody level

Main results

Serum immune responses to live vaccines were somewhat less than those to inactivated vaccine, particularly in adults. IgA response in nasal secretions was minimal in each vaccine group. In contrast, an IgG response in nasal secretions was commonly seen with both topically applied live vaccine and parenterally administered inactivated vaccine.

<http://dx.doi.org/10.3389/fped.2022.858410>

See also

Front Pediatr. 2022 May 23;10:858410. doi: 10.3389/fped.2022.858410. eCollection 2022.

Keywords

Adolescent; Adult; Child; Immunization; Infant; Intramuscular; Intranasal; pharmacological_intervention; placebo;