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NHSEED - - Economic Study or Review

## **Measurement properties of the one-minute sit-to-stand test in children and adolescents with cystic fibrosis: A multicenter randomized cross-over trial.**

**Code:** PM33577586

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### **Main results**

Twenty-four patients with CF underwent ESS during the review period; however, only 12 had complete sets of cultures from both their sinuses and lungs. Of 12 patients, 7 had similar results in sinus and lower airway aerobic cultures. Anaerobic cultures from both sites were either negative (42%) or overgrown with aerobes (58%) and, so, were never positive. Thirty-three percent of sinus fungal cultures and 91.6% of bronchial fungal cultures were positive. Of the 4 patients with fungi cultured from both sites, there was a 50% concordance. There were no positive mycobacterial cultures from the sinuses, whereas 25% of the bronchial cultures were positive

### **Authors' conclusions**

CF culture protocols may be streamlined by eliminating all anaerobic cultures, as well as sinus acid fast bacillus and fungal cultures for a 52% reduction in cost

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### **See also**

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### **Keywords**

Adolescent; Adult; Bacterial Infections; Child; Infection; Respiratory Tract Diseases; Respiratory Tract Infections;