Reviewer's report

Title: Acute Inhalation of Hypertonic Saline does not Improve Mucociliary Clearance in all Children with Cystic Fibrosis

Version: 3 Date: 4 May 2011

Reviewer: John N Tsanakas

Reviewer's report:

Article review.

Re: 'Acute Inhalation of Hypertonic Saline does not Improve Mucociliary Clearance in all Children with Cystic Fibrosis'
Beth L Laube, Gail Sharpless, Kathryn A Carson, Amber Kelly and Peter Mogayzel Jr
BMC Pulmonary Medicine
Research article
Dear Editor,

My comments to the above article:

It's a well designed and conducted study with clear results and messages.
It is an article of importance in its field, and should be accepted after discretionary revisions as follows:

a. Could the authors comment on the possible impact of bacteria colonization between the two studied subgroups, as a factor responsible for the lower MCC in boys?

b. Is the small number of patients included in the study a "weak point" for a reliable statistical analysis?

Sincerely yours,

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