Reviewer's report

**Title:** Non specific pattern of lung function in a respiratory physiology unit: causes and prevalence: results of an observational cross-sectional and longitudinal study

**Version:** 2  
**Date:** 4 June 2014

**Reviewer:** Jesper Magnusson

**Reviewer's report:**

This is in general, an excellent article. I have but one major comment.

1. Major Revision. The authors choose to include bilateral lung transplanted (BLT) patients in their material and generalize their discussion to the entirety of their material. New lungs gives the patient a new normal. The sizefit of the donors lung into the recipient cannot be assumed to be perfect thus applying percentiles from a normal material to this population is precarious. FEV1 and concomitant FVC reduction is observed rather frequently among lung transplant recipients but macroscopic conditions like diminished bronchial diameter due to proliferation in the anastomoses as well as bronchiomalacia are all too common. Since the special properties of BLT patients is not commented upon, the discussion and the conclusion can be partially called into question.

**Level of interest:** An article whose findings are important to those with closely related research interests

**Quality of written English:** Acceptable

**Statistical review:** No, the manuscript does not need to be seen by a statistician.

**Declaration of competing interests:**

I declare that I have no competing interests