Reviewer's report

Title: Relationship between CT air trapping criteria and lung function in small airway impairment quantification

Version: 2 Date: 22 January 2014

Reviewer: marie-pierre REVEL

Reviewer's report:

The paper has been satisfactorily revised. Some minor comments:

On page 3:
- Replace namely "the lung's quiet zone" by thus representing "the lung's quiet zone"
- "In various studies" instead of " in various study"

On page 8: (discussion)
for inspiratory or expiratory? in the sentence "with a high consistency between observers even for inspiratory images, matched visually by using anatomical landmarks"