Reviewer's report

Title: Determination of respiratory gas flow by electrical impedance tomography in an animal model of mechanical ventilation

Version: 3 Date: 10 March 2014
Reviewer: Eduardo Costa

Reviewer's report:

The manuscript has considerably improved, and my concerns have been adequately addressed.

Minor Essential Revisions

Page 13, last paragraph: I believe the authors meant "insight", not "inside".

Discretionary Revisions

I understand that tidal volumes lower than 10 mL/Kg might have led to negligible late flows, which motivated the authors' choice to study higher tidal volumes. The tidal volumes studied, however, are not in the range applied in the clinical setting, and I believe that this deserves a mention in the limitations paragraph.

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

Quality of written English: Needs some language corrections before being published

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.