Reviewer’s report

**Title:** A novel software program for detection of potential air emboli during cardiac surgery

**Version:** 1  **Date:** 16 November 2014

**Reviewer:** Mark Jermy

**Reviewer’s report:**

The technique described in the paper appears valuable and the method, though not described in detail (to allow, I imagine, commercial development) appears sound.

The validation tests appear well executed.

The paper is very well written: clear, concise and unambiguous. I recommend publication.

I recommend on two discretionary revisions:

- delete 'the' in line 13 on p8
- use the word "estimates" instead of "calculations" on line 2 of p9

**Level of interest:** An article of importance in its field

**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.