Reviewer’s report

Title: Trial design: Computer guided normal-low versus normal-high potassium control in critically ill patients: Rationale of the GRIP-COMPASS study.

Version: 1 Date: 3 October 2010

Reviewer: Dan Benhamou

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This manuscript describes a protocol aimed at comparing the rate of postoperative atrial fibrillation in cardiac surgery patients in whom a “high normal” or a “low normal” plasma potassium concentration is obtained using a computer-guided potassium administration.

Although highly interesting (it is indeed unknown as to what are the effects of variations of potassium concentration within the normal range), the reviewer questions as what would be the usefulness for the authors and for the Journal to publish this article as it stands?

The authors are probably aware that it is now recommended to post their protocol on specific websites such as ClinicalTrials.gov.

Level of interest: An article of insufficient interest to warrant publication in a scientific/medical journal

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