Reviewer's report

Title: Effects of Different Centrifugation Conditions on Clinical Chemistry and Immunology Test Results

Version: 1 Date: 10 March 2011

Reviewer: Paul Herrmann

Reviewer's report:

This study provides extremely useful findings. Decreasing turn around time for laboratory results by 5 - 8 minutes would have a profound effect on overall laboratory throughput and consequently a significant impact on patient care, particularly in the context of life threatening emergencies. While the authors site some other work in this context, the thorough approach described in this manuscript is to be highly commended. The findings certainly merit publication.

I would recommend the following minor essential revisions:

1. The article could be shortened substantially with some careful rewriting. Shortening such an article would add to its impact by increasing readability, allowing the reader to focus on the findings described.

2. The descriptions of the statistical methods used and their interpretation were somewhat confusing. A small amount of attention to this section could yield substantial improvement.

3. Making use of the grammar and spelling functions on a word processing program could improved the ease of reading the manuscript with very little effort.

Overall, I highly recommend the article be published after the above minor essential revisions are performed.

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.