Reviewer’s report

Title: Use of a blood gas analyzer and a laboratory autoanalyzer in routine practice to measure electrolytes in intensive care unit patients

Version: 3 Date: 7 May 2012

Reviewer: Paul D’Orazio

Reviewer’s report:

Minor Essential Revisions:
Other than an awareness that ABG and AA may produce differing Na+ and K+ results for ICU patients, especially when protein levels may be abnormal, the authors need to add to the conclusions which results should clinicians trust when making a diagnosis?

NIST needs to be added to the list of abbreviations. NIST is misspelled (as NICS) on the final page of the text.

Reference 16 incorrectly appears after Reference 3 in the list of references.

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.