Reviewer's report

Title: Plasma glutamine levels in patients after non-elective or elective ICU admission

Version: 5  Date: 20 January 2016

Reviewer: Daniel Dante Yeh

Reviewer's report:

Major Compulsory Revisions:

The authors have addressed my comments and concerns in a satisfactory manner with their manuscript revisions with one exception:

1) In their response to my 3rd comment, they state that: "But in both studies supplementation was given without knowledge or consideration of the plasma glutamine levels." This is not true for the REDOX study (Heyland et al, reference 16). I suggest the authors re-read this trial and focus on the final paragraph of the Results section entitled: Laboratory Substudy. Please revise your manuscript accordingly.

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

Quality of written English: Acceptable

Statistical review: Yes, but I do not feel adequately qualified to assess the statistics.

Declaration of competing interests:

I declare that I have no competing interests