Reviewer's report

**Title:** Safety and Efficacy of an Olive Oil-based Triple-chamber Bag for Parenteral Nutrition: A Prospective, Randomized, Multicenter Clinical Trial in China

**Version:** 2  **Date:** 7 October 2015

**Reviewer:** Muraldihar Premkumar

**Reviewer's report:**

Thanks for the opportunity to review the revised manuscript. The only major comment is the following:

The authors note effect of significantly decreased infections in OLIVE compared to SOYBEAN group. There are two major differences between the groups: 1. Olive vs Soybean and 2. Multichambered system (OLIVE group) vs. Compounded system (SOYBEAN group) to administer TPN.

The difference in infection rate could be secondary to either of these differences. I request the authors to consider this in their discussion and to see, if statistically they can attribute the low rates of infection to either the lipid difference or difference in the preparation. Maybe a multiple regression might be helpful. I apologize for not picking this up in my first review.

**Minor revisions:**

**Abstract:**

Results: I suggest retaining the statistics for albumin in line 21 page 3, and line 1 page 4 (but agree with deleting statistics for prealbumin in line 20, page 3).

In line 18 page 1, P=0.002, elsewhere in the manuscript, p=0.0002, please reconcile.

**Quality of written English:** Acceptable

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

**Declaration of competing interests:**

No competing interests to declare.