Reviewer's report

Title: Paradoxical bacteremia incidences among selective digestive decontamination studies versus other studies of mechanically ventilated patients.

Version: 2 Date: 28 October 2014

Reviewer: Anis Chaari

Reviewer's report:

The manuscript is well written and gives an interesting overview about the literature dealing about selective digestive decontamination (SDD) in mechanically ventilated patients. The main finding was that SDD increased the incidence of coagulase negative staphylococi but not the incidence of Pseudomonas aeruginosa.

The introduction is clear and the aim of the “study” is well defined.

Major comment:
1. Title: We suggest to the author to modify the title of the manuscript to “Paradoxical bacteremia incidences among selective digestive decontamination studies in mechanically ventilated patients”
2. Results: The figures should be numbered.
3. Results: More information should be given about the antibiotic used and the composition of the SDD solutions. If available, data about the prognosis impact of these bacteriemia will enhance the interest of the study.
4. Discussion: The authors should discuss in the limitations of the study the heterogeneity of the included study (trauma / medical /surgical).

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

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

Declaration of competing interests:

None