Reviewer's report

Title: Sequential introduction of single room isolation and hand hygiene campaign in the control of methicillin-resistant Staphylococcus aureus in intensive care unit

Version: 3 Date: 21 July 2010

Reviewer: jan A kluymans

Reviewer's report:

The authors have responded to most of my comments and redid the analysis. Interestingly this new statistical analysis changed the conclusions of the paper importantly. This underlines the importance of appropriate statistics, especially in quasi-experimental studies.

I agree with most of their findings and their conclusions.

I suggest one additional clarification:

1) the fact that ESBL was increasing despite the improved compliance with infection control may well be explained by an increase of patients who were already colonized on admission. The global trend of increased community carriage with ESBL is a good explanation for this. Since no admission screening was performed this cannot be further elucidated by the authors.

Level of interest: An article of importance in its field

Quality of written English: Needs some language corrections before being published

Statistical review: Yes, and I have assessed the statistics in my report.

Declaration of competing interests:

'I declare that I have no competing interests'