Reviewer's report

Title: Evaluation of a pulsed-xenon ultraviolet room disinfection device for impact on contamination levels of methicillin-resistant Staphylococcus aureus.

Version: 2 Date: 28 June 2013

Reviewer: Tim Boswell

Reviewer's report:

Overall this is a well written manuscript with clear methods, results and a balanced discussion.

The only discretionary revision I would suggest is regarding Table 3. It would be useful if some indication could be given of the number of MRSA sites positive before and after the interventions for each room. I cannot tell from the table data whether the number of positive MRSA after manual cleaning was biased towards one or two rooms in particular. This is important because the variation in manual cleaning by room is likely to much greater than the variation after pulsed xenon UV-C.

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 have received speaker fees and honoraria for attending scientific advisory board meetings of Advanced Sterilisation Products regarding the Glosair system (dry-mist hydrogen peroxide room decontamination)

I have received a speaker fee from Rapid Disinfection Services (UK) for presentation of data regarding the Tru-D UV-C system.