Reviewer’s report

Title: Impact of pulsed xenon ultraviolet disinfection on surface contamination in a hospital facility's expressed human milk feed preparation area

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Reviewer: Yingxi Chen

Reviewer's report:

Dr Dippenaar et al examined the impact of pulsed xenon ultraviolet disinfection on surface contamination in one hospital facility's expressed human milk feed preparation area. The major limitation of this study is the small number of sample size, which limit the generalizability of the study results.

The use of UV light deceives as an effective way to lower bacteria contamination in hospital settings has been reported. While this study reported the use of a PX-UVD resulting in a significant decrease in surface bioburden, most of the detected organisms were gram-negative bacteria. I wonder if the authors found any effects for common nosocomial gram-positive bacteria, such as Clostridium difficile? This should be discussed.

Are the methods appropriate and well described?  
If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls?  
If not, please specify which controls are required in your comments to the authors.

Unable to assess

Are the conclusions drawn adequately supported by the data shown?  
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Yes

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?  
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I am able to assess the statistics
Quality of written English
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Acceptable

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