Reviewer's report

Title: An outbreak of Extremely Drug-Resistant Pseudomonas aeruginosa in a tertiary care pediatric Hospital in Italy

Version: 2 Date: 10 August 2014

Reviewer: Nicholas Boire

Reviewer's report:

In this article, the authors describe an XDR outbreak of Pseudomonas aeruginosa affecting children in a pediatric hospital in Italy. Overall, the article has interesting points, it's well written, and suitable for publication. There are no glaring issues in the design of the study. This study is acceptable for publication, with only minor corrections needed.

Minor and Discretionary Revisions

- Lines 62-64. "...colistin in 22 patients, to colistin and amkicain in four..." Remain consistent in number use. Either type them all out here or use the whole number symbols. See similar problems in line 203-205
- Lines 161-163. Include manufacturer of the antibiotic disks used in susceptibility testing. Same with the MH II agar (line 163)
- Line 206. Replace "4-year old" with "4-year-old".
- Line 255. Please add a source for the sentence, "The first VIM (Verona integron-encoded metallo-b-lactamase) type MBLS was reported..."
- Line 223. You mention that the 25 isolates belonged to 5 different genotypes. Were there any observations seen that correlate these genotypes to either severity or mortality?
- Table 1 should be cleaned up slightly for easier reading. Examples include bolding subheadings in the first column. Also, the first row should be properly spaced vertically. The information is good, but can be presented in a better way.

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 declare that I have no competing interests