Reviewer's report

Title: Vancomycin and daptomycin minimum inhibitory concentration distribution and occurrence of heteroresistance among methicillin-resistant Staphylococcus aureus blood isolates in Turkey

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Reviewer: Rodrigo RE Mendes

Reviewer's report:

The manuscript prepared by Sankac et al describes the vancomycin and daptomycin MIC results obtained by broth microdilution method (BMD) and Etest against 175 MRSA isolates collected from several different hospitals in Turkey. The authors also screened for the presence of hVISA phenotype by both the macromethod and PAP-AUC. The study was well performed and the design seems appropriate. I would have only a few comments and mostly related to abbreviations and data presentation (see below). May major criticism would be that results are overall confirmatory and do not provide new information. Although results are still important in a local/regional point of view. Therefore, I would perhaps believe that a publication in a "local" scientific journal may be more appropriate, if available.

Other points:

1. Table 1. I would suggest to present the MIC distribution (number of MRSA isolates inhibited per MIC and cumulative %) for vancomycin and daptomycin along with MIC50, MIC90 and MIC range. Also, another informative way to present the MIC data would be through cross tabs (BMD versus Etest for each, vancomycin and daptomycin).

2. There is no line or page numbers in the manuscript, so I will try to refer by the paragraph. The first paragraph of the "Results" section can be omitted if a Table with MIC distribution (cumulative %) is presented.

3. Spell out abbreviations when first described (e.g. MRSA, hVISA, VISA, MET, BMD, PAP-AUC). Same for bacterial species (ie. S. aureus).

4. Describe calcium concentration in mg/L.

5. Table 2. Fix percentages.

Level of interest: An article of limited interest

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.
Declaration of competing interests:

Do not apply.