Reviewer’s report

Title: Sensitivity of urinary pathogens for patients discharged from the emergency department compared with the hospital antibiogram

Version: 0 Date: 18 Jun 2019

Reviewer: Mark Yaffe

Reviewer's report:

This paper reports on a study to evaluate whether the sensitivity for urinary pathogens of patients discharged from an emergency department differs from the hospital antibiogram. Overall this is a concisely written paper that does a good job of describing what it set out to do.

However, the absence of page numbers in the version submitted makes observations confusing to make. For this review I have arbitrarily assigned the abstract page in the manuscript itself as page 1.

1. Page 1: in the abstract and later in the background it would be interesting to know who identified the particular research question and why: i.e. was it ? emergentologists; ? family physicians working in EDs; ? infectious disease consultants.

2. Page 4: line 21: The term Antibiogram should be defined, as well as a statement of who puts them together, and how they are usually used by hospitals. As well, do some urine culture and sensitivity analyses from the ED ultimately appear in the Antibiogram? Answers to these questions should give the reader unfamiliar with Antibiograms a better understanding of their role.

3. Page 4,line 47: states diabetics have increased resistance rates in urinary pathogens. Should that read…”for urinary pathogens".? Also, since this relationship to diabetics appears later in the discussion, the question might come to a reader about why this resistance appears with diabetics---therefore consider a short explanation of this in the background or discussion sections.

4. Page 8, line 37: …Insufficiency in our……may….. A word is missing

5. Page 8, line 37: refers to the role that diabetes might play……this offers an opportunity for the suggestion about diabetes in #3 above to be elaborated on.

6. Page 8, Line 45: Define what a " reflex culture" is.
7. Page 8, Line 45:........ED patients during........ There are missing words.

8. Page 12: In conclusions we learn of the bottom line for your hospital and ED; but what should readers take away that might be relevant for their working sites? Is the type of analysis done by you worthwhile for others to replicate? Will it influence patterns of practice in your center?

9. Page 12: Line 27:........"and was approved...." Remove a "was".

**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.

Yes

**Are the conclusions drawn adequately supported by the data shown?**
If not, please explain in your comments to the authors.

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**
Please indicate the quality of language in the manuscript:

Acceptable

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