Reviewer’s report

Title: Trends in Diagnostic Approaches for Pediatric Appendicitis: Nationwide Population-Based Study

Version: 1 Date: 08 Apr 2017

Reviewer: Michael O. Esan

Reviewer's report:

Thank you for submitting the revised version of the manuscript. You have taken time to address my initial concerns and I am okay to recommend your article for publication. It is unfortunate that important information such as duration of symptoms and latency period from clinical presentation to performing US and CT scans were not provided in the database, as well as more information on negative appendectomies. This information would have helped the readers have a better understanding of the key results. However these limitations were clearly stated in the discussion, hopefully in the future more information would be available to researchers through the NHI database. I still do not see the historical reference in the background section suggesting that even with advances in US and CT imaging, perforation rates in children under 6 years was 54-74% over the last 3 decades- which informed the decision to categorize the data into 3 age groups. I believe this information is important and should be included in the background section. Thanks again for your submission.

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?
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:

Needs some language corrections before being published

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