Author's response to reviews

Title: Value of Procalcitonin for Detection of bacterial peritonitis: A systematic review and meta-analysis

Authors:

Shi-kun Yang (ysk_1234@163.com)
Li Xiao (xiaolirenal@163.com)
Hao Zhang (zhaohaoxiangya@163.com)
Xiao-xuan Xu (xuxiaoxuan1234@163.com)
Pan-ai Song (panaisong5566@163.com)
Ming Wang (155196447@qq.com)
Yan Xu (xuxiangqingrenal@163.com)
Fu-you Liu (liufy195202@163.com)
Lin Sun (zndxsunlin11@163.com)

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Author's response to reviews: see over
Dear editor in chief,

We submit our manuscript entitled “Value of Procalcitonin for Detection of bacterial peritonitis: A systematic review and meta-analysis” by Shi-kun Yang et al, which we wish to be considered for publication in The Journal of BMC Infectious Diseases.

Bacterial peritonitis is a serious disease and remains a diagnostic challenge for clinicians. Many studies have illuminated the usefulness of procalcitonin (PCT) for identification of bacterial peritonitis, however, the overall diagnostic value of PCT for bacterial peritonitis remains unclear. Therefore, In this paper, we performed a meta-analysis using the available diagnostic trials to assess the accuracy of PCT for detection of bacterial peritonitis. Our results indicate that PCT determination is a relatively sensitive and specific test for the diagnosis of bacterial peritonitis. However, as methodological limitations and significant heterogeneity, medical decisions should be based on both clinical findings and PCT test results. This manuscript will be of great interest to the numerous scientists interested in diagnosis and treatment of abdominal infection.

We feel so honored for submitting our manuscript to this prestigious journal, the authors claim that none of the material in this paper has been published or is under consideration for publication elsewhere.

I am the corresponding author and my address and other information is as follows,

Department of Nephrology,
The second XiangYa Hospital of Central-South University Chang Sha, 410011, Hunan, P.R.China
E-mail: zndxsunlin11@163.com
Tel: 86-731-5292064
Thank you very much for consideration!

Yours Sincerely,

Lin Sun