

February 10, 2019

Editorial Department of Ultrasound in Medicine and Biology

Dear Editor,

I am submitting a revised manuscript titled "Acoustic Shadow Detection: Study and Statistics of B-Mode and Radiofrequency Data" for consideration of publication in Ultrasound in Medicine and Biology.

The manuscript has not been published or submitted for publication elsewhere. We have no conflicts of interest to disclose. All authors have approved the submitted version of the manuscript.

On behalf of all the authors, we sincerely thank the reviewers for their time and expertise in providing valuable feedback for the manuscript. We found all reviews constructive and beneficial. In the revised manuscript, we present results of a clinical study specifically designed to observe acoustic shadows from different anatomy and transducers. Every comment made by the reviewers has been responded to, resulting in updating the manuscript in most cases. Two new figures were added as requested by the reviewers and a new Limitations section has been added at the request of Reviewer 1. The manuscript maintains its original objective and results in that an acoustic shadow detection method has been developed using both radiofrequency and brightness-mode data on a diverse dataset, with additional statistical investigation on the speckle of radiofrequency signals.

The following reviewers are suggested based on expertise relevant to the content of the manuscript:

Dr. Eric Petit (email: [eric.petit@u-pec.fr](mailto:eric.petit@u-pec.fr))  
Dr. Po-Hsiang Tsui (email: [tsuiph@mail.cgu.edu.tw](mailto:tsuiph@mail.cgu.edu.tw))  
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Thank you for your consideration.

Sincerely,

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