

## ANSWERING REVIEWERS



March 18, 2015

Dear Editor,

Please find enclosed the edited manuscript in word format (file name: 16579-editorial.doc).

**Title:** Clinical perspective on renal elasticity quantification by acoustic radiation force impulse: where we are and where we are going

**Author:** Marco Zaffanello, Costanza Bruno

**Name of Journal:** *World Journal of Clinical Urology*

**ESPS Manuscript NO:** 16579

The manuscript has been improved according to the suggestions of reviewers:

**Reviewer 00503260:** I request to add the problems of other issues (breast, pancreas, thyroid, and prostate) using ARFI analysis briefly.

Done.

ARFI imaging has been demonstrated successfully in many clinical settings, using various transducers and beam sequences depending upon the application, with promising results. These include: abdominal imaging, cardiac imaging, vascular imaging, breast imaging, nerve imaging, prostate imaging, and monitoring thermal ablation procedures (Nightingale K. Acoustic Radiation Force Impulse (ARFI) Imaging: a Review. *Curr Med Imaging Rev.* 2011 Nov 1; 7(4):328-339). In these setting, no particular controversies have been reported.

**Reviewer 00503255:** page 3, line 5: "ARFI" should be changed to "acoustic radiation force imaging technique (ARFI)"

Done. Thank you

**Reviewer 00503191:**

1. The back ground of the study is not clarified. It is difficult to follow the flow of the study because the different issues are neither categorized nor presented in a chronological order.
2. The role of non-invasive methods in diagnosis of the fibrosis has to be explained in kidney and in other organs.
3. The aim of the study is unclear.
4. If the authors try to present a review of the available data and compare them, there is a lack systematic evaluation.
5. The manuscript cannot add any new information to the current knowledge about the respective subject.

1. Thank you. Therefore, we aimed to submit an editorial and not a review article. For many issues the reviewer can read our recent review article recently published (Zaffanello M, et al. *J Investig Med.* 2015 Mar 3). The aim of the present paper is highlight many difficulties regarding the ARFI technique applied to the evaluation of the kidneys. "We are going" to search a significance of the measures obtained, as pointed out in conclusion section.
2. OK

3. See point 1
4. No, the aim is not a revision of the literature. See point 1.
5. The news is: in the pictures all can see the differences of the measures obtained on the kidneys simply modifying the effects of distance and anisotropy (I do not understand an article sowing this).

Thank you again for publishing our manuscript in the *World Journal of Clinical Urology*.

Sincerely yours,

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