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**Feasibility of Imaging Superficial Palmar Arch using Micro-Ultrasound, 7T and 3T MRI**

Pruzan A *et al.* Imaging the superficial palmar arch

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*Reviewer 225366*

**Comments:** This manuscript tried to demonstrate the feasibility of vessel wall imaging (superficial palmar arch) using high frequency micro-ultrasound, 3 and 7T MRI. Four cases were discussed in this work. I have the following concerns as follows: 1. Abstract and authors' information cannot be found in the manuscript. 2. The authors focused too much on the MRT imaging. They should discuss more on the micro-ultrasound and the relationship of it with the MRI imaging. 3. Imaging on 7T MRI is not novel but the authors can compare their results with other publications.

**Response:** Thank you for your comments for revision.

1. We have now added the Abstract and Authors' information to the manuscript.
2. We have added more information on the micro-ultrasound and its relationship with MRI imaging. The following section has been added into the discussion: Scanning time for the micro-ultrasound portion of the study approached that of the MR scan times, however with more operator experience the micro-ultrasound scan time could improve. The time spent on post-processing image analysis was similar across all modalities.
3. We understand your comments with regards to 7T and its novel application. With regards to the brain, 7T imaging is not novel. However, we know of few studies that have imaged the superficial palmar arch with a 7T MRI and therefore this is a novel application.

*Reviewer 2835073*

**Comments:** Interesting and good for publication.

**Response:** Thank you for your comments and excitement for our publication.

*Reviewer 2673247*

**Comments:** Imaging of smaller artery is feasible using micro-ultrasound and 3T and 7T MRI. It is better, if they were imaging patients with disease.

**Response:** Thank you for your kind words with regards to our publication. We agree that imaging patients with disease will be more interesting and aim to pursue this in the near future. This study was a preliminary test of feasibility.