



AIUM/QIBA Ultrasound Volume Blood Flow Biomarker

Summary 07-March-2022

Attendees: Brian Fowlkes, Paul Carson, Oliver Kripfgans, Megan Russ, Stephen Pinter, Jonathan Rubin, James Zagzebski, Michelle Robbin, Rimon Tadross,
AIUM Staff: Therese Cooper and Yvonne Brickley

1. Review of Previous Call Summary – 07-February-2022
2. Discussion Topics
 - 2.1. New phantom drawings should be completed and in the document.
 - 2.2. Abstracts for Ground Work Studies. Brian circled back to the groundwork study questions. Would like to put a grant proposal together.
 - 2.3. New analysis of the results from the Zonnebeld et al. reference. These results are now incorporated into the Profile text. We will need to determine if there is any additional information (appendix) that required related to this analysis. Consider whether there might be interest by the authors in an additional related publication. Brian has not reached out yet.
 - 2.4. MRI flow discussed as a reference standard. In vivo flow for MRI was compared to 2D pulse wave so the argument may be circular. Suggestion of whether the methods are the same. Comparisons thus far have been to the standard flow package on MRI. Discussed whether there are other MRI approaches for volume flow that is not the Gaussian approach.
 - 2.5. Update on VBF Profile Discussions
 - 2.5.1. Review current draft of profile and checklist
3. Action Items
 - 3.1. **Email Brian with any potential groundwork studies. Look at 2.2 above.**
 - 3.2. **Reach out to authors to inquire about additional publication?**
 - 3.3. **Review beginning portions of section 4.**
4. Matters Arising

Next full BC meeting is Monday April 4, 2022 at 12:30 pm ET.

Next Profile meeting is Wednesday March 23, 2022 at 10:00 am ET. (March 9 meeting is cancelled as too close to the full BC meeting.)