



AIUM/QIBA Ultrasound Volume Blood Flow Biomarker

Summary 06-June-2022

Attendees: Brian Fowlkes, John Pellerito, Rimon Tadross, Cristel Baiu, Jim Jago, Jing Gao, Oliver Kripfgans, Jonathan Rubin, Shriram Sethuraman, Jim Zagzebski, Stephen Pinter, Michelle Robin
AIUM Staff: Haylea Weiss

1. Review of Previous Call Summary – 02-May-2022
2. Discussion Topics
 - 2.1. Abstracts for Groundwork Studies. Future plans for direct comparison between 3D volume flow and 2D volume flow in the contexts of the AVF for dialysis access. Potential for phantom studies comparing 2D and 3D directly. Megan R. is interested in contributing to groundwork studies but mentioned not having any 3D transducers. This will be a potential limitation for site participation. There is a potential of doing some Round Robin measurements at professional meetings, i.e., RSNA and AIUM. Would need to examine the logistics, recognizing that systems may not be using released software. Brian mentioned building an app in MATLAB and hopes to have that up and running in the near future.
 - 2.2. Brian F.'s 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 would need to be provide related to this analysis. Consider whether there might be interest by the authors in an additional related publication.
 - 2.3. Brian to set up groups to divide tasks related to reviewing section 4 in context of the rest of the profile.
3. Update on Phantom Modeling
 - 3.1. No additional updates to be presented.
4. Update on VBF Profile Discussions
 - 4.1. Review of current draft and updates from Profile Task Group
 - 4.1.1. Profile (Review of Section 4)
 - 4.1.2. Checklist

5. Action Items

Next steps to contact companies to about their ability and interest in participating.

Next full BC meeting is scheduled for July 18 .2022 at 12:30pm ET.

Next Profile meeting is scheduled Wednesday June 22, 2022 at 10:00 am ET.