



AIUM/QIBA  
Ultrasound Volume Blood Flow  
Biomarker

Summary 04-April-2022

Attendees: Brian Fowlkes, Paul Carson, Oliver Kripfgans, Megan Russ, Stephen Pinter, Jonathan Rubin, James Zagzebski, B. Cristel, Jim Jago, Jing Gao, John Pellerito, Nicole Lafata, Shriram Sethuraman

AIUM Staff: Therese Cooper and Haylea Weiss

1. Review of Previous Call Summary – 07-March-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. Brian mentioned building an app in MATLAB and hopes to have that up and running in the near future.
  - 2.2. Results of the analysis from the Zonnebeld et al. reference 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.
3. Update on VBF Profile Discussions
  - 3.1. Review of current draft and updates from Profile Task Group
    - 3.1.1. Profile
    - 3.1.2. Checklist
4. Action Items
  - 4.1. Email Brian with any potential groundwork studies. Look at 2.1 above.
  - 4.2. Reach out to authors to inquire about additional publication
  - 4.3. Review beginning portions of section 4

Next full BC meeting is Monday May 2, 2022 at 12:30 pm ET.

Next Profile meeting is Wednesday April 13, 2022 at 10:00 am ET.