

QIBA Contrast Enhanced Ultrasound (CEUS) Biomarker Committee (BC) Call

Friday, March 10, 2023; 11 AM CT

Call Summary

In attendance

Mike Averkiou, PhD (Co-Chair)	Stefanie Y. Lee, MD, FRCPC
Paul Carson, PhD	Nancy Obuchowski, PhD
Paul Freiburger, PhD	Michelle Robbin, MD
Christian Greis, PhD	Marissa Rae Shumaker (PhD candidate)
Connor Krolak (PhD candidate)	Heng Zhao, MS, PhD
Reinhard Kubale, MD	

RSNA

Julie Lisiecki

Moderator: Dr. Averkiou

Discussion topics

- Review and approval of call summary from February 10, 2023
- [Profile template](#) group editing

Table of CEUS Quantification Software (Companies)

- Dr. Averkiou received updates from company representatives to revise the quantification software table
- Additional updates are welcome

Profile

- Parameters and requirements were discussed (sections 3.2 and 3.3)
- Need ideas for how to state motion correction more effectively (image analysis)
- Connor to create subcategories for image analysis
- Phantom needed for QC
- Could identify certain requirements as “recommended” instead of “required” to encourage use
- Dr. Carson suggested a comparison with the Volume Blood Flow (VBF) Profile for in-hospital requirements and to invite Dr. Fowlkes and other VBF Profile writers to next CEUS call for advice
- Dr. Lee suggested some edits for subject handling and patient positioning
- All to follow up with suggested edits to Dr. [Averkiou](#) by April 6th for discussion on the next call
- Recommendation to review the QIBA Process Committee [vetting requirements](#) prior to drafting the Checklist

Next meeting

- Plan to review BC members contributions re: parameter requirements and discuss the repeatability claim

Action items (some ongoing) – please strike any that are complete

- [Dr. Averkiou](#) to update the Profile draft and send to BC members for review and edits prior to the next call; those with expertise in specific areas asked to provide feedback where possible
- [Connor](#) to lead the effort in coordinating updates for the Profile section on physician / sonographer actor requirements table and create subcategories for image analysis
- Suggestions for additional schematics may be sent to Connor Krolak: krolakc@uw.edu

Next scheduled call(s) will be as follows at 11 am CT, unless otherwise noted: [4/14](#); [5/12](#)?

Participants are welcome to contact RSNA staff at qiba@rsna.org if their attendance is not reflected on meeting summaries.

Helpful Resources (QIBA wiki):

- [Profiles](#) | [QIBA Profile template](#) | [How to Write a QIBA Profile](#) | [Claim Guidance](#) | [US Shear Wave Speed Profile](#) | [Profile stages](#) | [vetting requirements](#)
- A [streamlined Profile for the QIBA CT Volumetry BC](#) is available on the wiki as an example with checklists
- The new [streamlined blank template](#) is available on the wiki; it is in a Microsoft OneDrive document

QIBA Process Committee: [Kevin O'Donnell, MASC](#) (Chair) | [Michael Boss, PhD](#) (Chair)

CEUS sign up form for Profile writing: <https://forms.gle/fHXUFkaHaGG2yEhP9>