

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

Friday, April 9, 2021; 11 AM CT

Call Summary

In attendance

Mike Averkiou, PhD (Co-Chair)	Zaiyang Long, PhD	Nancy Obuchowski, PhD	RSNA
Christian Greis, PhD	Beth McCarville, MD	Bino Varghese, PhD	Joe Koudelik
Connor Krolak	Andy Milkowski, MS	Heng Zhao, MS, PhD	Julie Lisiecki

Moderator: Dr. Averkiou

Approval of 3.12.2021 call summary

- The last call summary was approved as presented.

New Endnote library discussed:

- Connor Krolak has entered the 64 references that Dr. Long provided from the previous Mendeley library into Endnote
- He also added 73 references provided by Dr. Greis from the Bracco library related to organ systems for a total of 137 papers
- These Endnote reference lists are separated to indicate their origin (Bracco, Mendeley)
- Connor will provide the reference details in Endnote and Excel formats for those who do not have Endnote; Julie to distribute to all BC members
- On the next call (May 14th), Dr. Averkiou would like 5-6 volunteer reviewers to share for discussion at least one paper focused on reproducibility and/or variability studies (the primary targets) that meet the BC criteria requirements
 - Discussion to include papers that address longitudinal CEUS liver studies
- Drs. Varghese, Long, McCarville, and Averkiou volunteered to review papers
- Dr. Averkiou will follow up with Drs. Wilson, Barr and Erpelding

Next Steps:

- Discussion on published reproducibility results by Drs. Varghese, Long, McCarville, and Averkiou
- Determining how to formulate the claim(s) and how to address phantom test-retest variability and deviation from consensus, with possible future correlation with flow in phantoms

Action items:

- Literature review by Drs. Varghese, Long, McCarville, and Averkiou
- CEUS BC SMEs are asked to get more involved with the Profile activities
- Participation from BC members with experience with the QIBA Profile-writing process is also crucial

The next scheduled QIBA ultrasound calls will be as follows at 11 am CT, unless otherwise noted:

05/14	CEUS BC
05/13	US CC @ 1 pm CT (Thursday)

RSNA Staff attempt to identify and capture all committee members participating on WebEx calls. However, if multiple callers join simultaneously or call in without logging on to the WebEx, identification is not possible. Call participants are welcome to contact RSNA staff at QIBA@RSNA.org if their attendance is not reflected on the call summaries.

Helpful Resources (QIBA wiki):

- [Profiles](#) | [QIBA Profile template](#) | [How to Write a QIBA Profile](#) | [Claim Guidance](#) | [US Shear Wave Speed Profile](#)
- All Profile Editors are encouraged to join the QIBA Process Committee to learn about QIBA writing tips and processes and network with other Profile Editors to exchange best practices

QIBA Process Committee:

Kevin O'Donnell, MASC (Chair): KODonnell@MRU.MEDICAL.CANON | Michael Boss, PhD (Chair): mboss@acr.org