

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

Friday, March 11, 2022; 11 AM CT

Call Summary

In attendance

Mike Averkiou, PhD (Co-Chair)
Todd Erpelding, PhD (Co-Chair)
Paul Carson, PhD
Paul Freiburger, PhD
Christian Greis, PhD

Gerard (Ged) Harrison, BS
Connor Krolak
Zaiyang Long, PhD
Nancy Obuchowski, PhD
Judy H. Squires, MD

Douglas Stone, PhD
Stephanie Wilson, MD
James Wiskin, PhD
Heng Zhao, MS, PhD

RSNA

Julie Lisiecki

Moderator: Dr. Averkiou

Meetings

- [AIUM Annual Meeting \(San Diego\)](#) March 12-16, 2022
- There will be a special QIBA session on March 14th. Dr. Hall will give an overview of QIBA and co-chairs from US BCs for CEUS, SWS, PEQUS, and VBF will present.

Discussion topics

- Review and approval of call summary from February 11, 2022
- CEUS protocol technical note
- New Task Forces
- References

Task Forces for Technical Note Review

Table 1, contrast agents	Imaging settings (Industry experts)	Perfusion Quantification software
Christian Greis, PhD	Todd Erpelding, PhD	Paul Carson, PhD
Connor Krolak	Ged Harrison, BS	Todd Erpelding, PhD
Zaiyang Long, PhD	Hugo Robert, MSc	Hugo Robert, MSc
	Heng Zhao, MS, PhD	Bino Varghese, PhD
		Stephanie Wilson, MD

Action items

- Task Forces to address/edit the technical note sections and provide feedback before 4/15: maverk@uw.edu
- Editing of the technical note for CEUS quantification protocol with global application
 - This will be formatted as a special report / letter to the editor
 - Word count limit is 3,000 words, 300 words for the abstract
- References are needed – request to include these as a “comment” and Dr. Averkiou will incorporate to Endnote
- Dr. Averkiou to send his and Dr. Barr’s requested slides to Dr. Carson
- April meeting to be skipped

Action items (ongoing)

- Journals under consideration for publication / broad distribution of technical note; need open access
- Suggestions for additional schematics may be sent to Connor Krolak: krolakc@uw.edu
- Recommendation that all companies use log-normal distribution equations for curve-fitting and extract at least the 4 standardized QIBA parameters (RT, MTT, AUC, PI)
- New QIBA Profile Template to be used: focus on Checklist, with streamlined introduction and executive summary
- CEUS BC SMEs are asked to get more involved with the Profile activities
- **Endnote:** For reference details in Endnote and Excel formats, please email Connor Krolak at: krolakc@uw.edu

Next scheduled calls will be as follows at 11 am CT, unless otherwise noted: [5/13](#); [6/10](#)

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](#)

QIBA Process Committee:

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