

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

Friday, September 22, 2017; 11 AM CT

### Call Summary

In attendance			RSNA
Mike Averkiou, PhD (Co-Chair)	Tim Hall, PhD	Andy Milkowski, MS	Joe Koudelik
Richard Barr, MD, PhD (Co-Chair)	Ged Harrison, BS	Nancy Obuchowski, PhD	Julie Lisiecki
Thierry Bettinger, PhD	Kenneth Hoyt, PhD	Lihong Pan, PhD	
Todd Erpelding, PhD, MSE	Zaiyang Long, PhD		

**Moderator:** Dr. Barr

**Review prior call summary:** August 11<sup>th</sup> summary approved as submitted

#### Discussion included:

- Review of **action items** from the August 11<sup>th</sup> call including:
  - Dr. Barr has made some progress regarding the initial list of flow phantom performance parameters for BC review and feedback
    - No updates to report at this time
  - Dr. McCarville provided a list of questions / problems with standardizing parameters for quantitation
    - It was determined that bolus is the most appropriate for liver
  - Dr. Tzaribachev followed up with Dr. Laue regarding DCE-MRI protocol applications and possible comparable parameters between the two modalities
    - Recommendations and open questions were shared with the BC in June including:
      - A comparison of CEUS with DCE MRI based on the QIBA DCE MRI profile and publications
      - The QIBA DCE MRI profile (from the QIBA Wiki)
- Volunteers for the Literature Review can add references themselves once logged into Mendeley
- Dr. Averkiou will make intensity curves available to vendors
- Suggested was that only 1-2 sites eventually collect data and share with other interested sites
- Dr. Hoyt has received approval for the VueBox software from Bracco
- Remaining questions include:
  - How to extract data
  - How to use the software with a GE scanner
  - How to establish parameters
  - How to extract data once offline
- Data is being compiled on a Google drive by Dr. Averkiou and will be shared once ready
- Drs. Pan and Averkiou to collaborate offline

#### [WFUMB, Taipei, Taiwan:](#)

- Dr. Averkiou will be attending the 16<sup>th</sup> World Federation for Ultrasound in Medicine and Biology Congress (WFUMB) in Taipei, Taiwan – October 13-17, 2017
- RSNA staff to poll the CEUS BC to see who may also be attending this meeting and may be available to meet in person at WFUMB

**Action Items:**

- Dr. Barr to draft an initial list of performance parameters for BC review and feedback
- RSNA Staff to doodle poll for attendance at WFUMB

Ultrasound CEUS BC QIBA wiki page: [http://qibawiki.rsna.org/index.php/Ultrasound\\_CEUS\\_BC](http://qibawiki.rsna.org/index.php/Ultrasound_CEUS_BC)

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**WebEx Calls:**

- **Sept 29:** US Coordinating Ctte
  - **Oct 06:** SWS BC
  - **Oct 13:** CEUS BC (Dr. Barr to moderate; Dr. Averkiou will be attending WFUMB)
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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](mailto:QIBA@RSNA.org) if their attendance is not reflected on the call summaries.

**SAVE-THE-DATE:**



**QIBA Working Meeting at RSNA 2017** | Wednesday, November 29, 2:30-6 pm – Lakeside Center