

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

Friday, August 26, 2016; 11 AM CT

Call Summary

In attendance

Michalakis (Mike) A. Averkiou, PhD (Co-Chair)
Thierry Bettinger, PhD
David Cosgrove, MD
Paul Carson, PhD
David Cosgrove, MD
Vinay Duddalwar, MD, FRCR

Todd Erpelding, PhD, MSE
J. Brian Fowlkes, PhD
Peter Frinking, PhD
Christian Greis, PhD
Edward Jackson, PhD
Justine Jie Liu, PhD

John MacQuarrie, PhD
Ravi Managuli, PhD
Andy Milkowski, MS
Nancy Obuchowski, PhD
Eric Perlman, MD
Stephanie Wilson, MD

RSNA

Joe Koudelik
Julie Lisiecki

Moderator: Dr. Averkiou

CEUS Task Forces (Dr. Averkiou)

- Group members were reminded to consider signing up for proposed task forces; Doodle Poll will remain open: <http://doodle.com/poll/33h5td6dpgdict7f>
- Dr. Carson offered to attend as many task force calls as his schedule will allow, to provide continuity
- Drs. Averkiou, Barr, and Hoyt have also indicated that at least one of them will be on each task force
- Oncologist participation is particularly important
 - Due to scheduling challenges, oncologists may be invited to provide expert opinions offline or to join specific calls to provide expertise
- Systems and software engineers are also very much needed for the effort
 - Mr. Milkowski mentioned that he hopes to appoint an additional Siemens representative
 - Dr. Averkiou intends to reach out to industry colleagues and invite them, with an introduction to the effort
- Task forces will be working via email initially to minimize schedule interruptions
 - They will report to the Biomarker Committees with any progress updates on the monthly WebEx call
- The list of CEUS BC participants, their company affiliations, and e-mail addresses will be shared with BC members
 - Emails will not be posted to the wiki

CEUS BC Poster for RSNA 2016

- As the BC is quite new, a poster may be challenging; however, the group is interested in having a poster to share their vision and mission statement
- Dr. Averkiou will not be attending RSNA 2016
- Dr. Averkiou will follow up with Drs. Barr and Hoyt to obtain their input prior to agreeing to a poster

Introduction to Profile Development (Dr. Perlman)

- Dr. Perlman provided a brief overview of the QIBA Profile development process
- Concept of the Claim remains priority
- A quantitative measurand must be identified
- It was suggested that the BC begin with a literature review, soliciting input from all BC members
 - This would be a good starting point for the Profile
- In addition, the group discussed the possibility of initiating a Profile based on off-label drug use for research

Action items

- Dr. Averkiou to invite participants for CEUS TFs
- Dr. Averkiou to follow up with Drs. Barr and Hoyt regarding a CEUS BC poster for the QIBA kiosk at RSNA 2016
- Dr. Barr to reach out to vendors and pharmaceutical companies to identify contacts at each organization from whom crucial information can be obtained for Profile purposes
- Dr. Barr to post vendor information on Ultrasound CEUS BC QIBA wiki page at: http://qibawiki.rsna.org/index.php/Ultrasound_CEUS_BC

SEPTEMBER US WebEx / Conference Schedule

WebEx:

- **Sept 02:** Systems/ Phantom Task Force
- **Sept 09:** Clinical Task Force
- **Sept 16:** US SWS BC
- **Sept 23:** CEUS BC
- **Sept 30:** (no call or alternate for Bubble Conference)

Conferences / Meetings:

- **Sept 8-9, 2016:** [Bubble Meeting, Chicago, IL](#)
- **Sept 10, 2016:** [Basic CEUS Training 101: Bubble Meeting, Chicago, IL](#)
- **Sept 18 – 21, 2016:** [2016 IEEE International Ultrasonics Symposium \(IUS\)](#) – Tours, France

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