

QIBA Perfusion, Diffusion and Flow – MRI Biomarker Committee (BC) Update Call

Wednesday, September 30 at 11 AM (CT)

Call Summary

Participants

Michael Boss, PhD (Co-Chair)

Caroline Chung, MD

Nancy Obuchowski, PhD

RSNA

Joe Koudelik

John Kirsch (Co-Chair)

Jacob Fluckiger, PhD

David Purdy, PhD

Susan Weinmann

Mark Rosen, MD, PhD (Co-Chair)

Daniel Gembris, PhD

Mark Shiroishi, MD

David Bennett, PhD

Edward Jackson, PhD

Ying Tang, PhD

Joseph Borrello

Lauren Keith, PhD

Brian Taylor, PhD

Jean Brittain, PhD

Daniel Krainak, PhD

Ona Wu, PhD

Mark Brown, PhD

Hendrik Laue, PhD

Gudrun Zahlmann, PhD

Martin Buechert, PhD

Dariya Malyarenko, PhD

Yuxiang Zhou, PhD

Thomas Chenevert, PhD

Elizabeth Mirowski, PhD

Moderator: Dr. Rosen

RSNA Annual Meeting Updates

- PDF poster (Dr. Rosen)
 - The latest draft of this poster was discussed
 - A volunteer/leader was identified from each task force to submit poster content
 - Dr. Chung shared the information contributed by the DCE TF with the group
 - Dr. Rosen will contact Drs. Erickson (DSC), Schneider (DTI), and Boss (DWI) to request content
 - It was recommended that content be succinct and that there be images or white space to break up the text
 - Overviews of the two round 4 and two round 5 projects will be included
 - Dr. Rosen to develop handout noting PDF-MRI BC and TF co-chairs, to be made available at the meeting
 - Dr. Rosen to draft poster and provide an update on the next PDF BC call on Oct 14th
- DRO poster (cross-modality focus)
 - Will contain a comprehensive overview of QIBA DROs
 - Dr. Boss will approach PIs of all QIBA DRO projects for input
 - The group was reminded that the deadline for a print-ready PPT poster to RSNA staff is October 30
 - Dr. Boss volunteered to print and transport the poster if it is completed after the 10/30 deadline
- QIBA Meeting Times at RSNA 2015
 - QIBA Working Meeting information was noted:
 - QIBA Working Meeting: 2:30 PM – 5 PM
 - Plenary Session: 2:30 – 3
 - Breakout Group Sessions: 3 – 5
 - Google RSVP Form to go out this week
 - Meet-the-Expert Poster Sessions
 - Sunday, 11/29: 12:30 pm – 1 pm & 1 pm – 1:30 pm
 - Monday – Thursday, 11/30 – 12/3: 12:15 pm – 12:45 pm & 12:45 pm – 1:15 pm
 - Google Sign-up Sheet went out on Monday, 9/28

Round 5 Funding Update (Dr. Jackson)

- RSNA staff was notified on 9/30 that the NIBIB contract for the QIBA round 5 projects was awarded to RSNA

Vendor Task Force Proposal to MR CC (Dr. Kirsch)

- A need has been identified for vendor representatives in the Profile-writing process to assist in developing protocols
Possible members of this group would include:
 - Siemens (John Kirsch)
 - GE (Jacob Fluckiger)
 - Philips (Harsh Agarwal)
 - Other vendors? Dr. Kirsch to reach out to engage additional vendor reps
- Goals:
 - Short-term: protocol development, optimizations, standardization of sequence and protocol methodology for profiles
 - Long-term: system requirements/specifications aligned with profiles and conformance, develop tools for characterizing vendors' scanners
- If a vendor-based task force is proven to be a valuable addition to the PDF-MRI BC, then the possibility of expanding across modalities will be considered
- The challenge in a cross-modality group would be in attending the additional number of QIBA calls
- Different models of this task force will be discussed and the decision on whether this will be an MR task force or cross-modality will be made at the CC level
- The MRE BC is unique in that it was developed in association with vendors
- Other vendor representatives were asked to contact Dr. Kirsch if they were interested in being a member of the Vendor Task Force
 - Dr. Boss recommended a Toshiba representative and offered to contact him
 - Dr. Kirsch will contact Dr. Ehman, Co-Chair of the MRE BC

Task Force Updates

- Poster content to be gathered and submitted for the PDF-MRI poster within the next couple of weeks

Next PDF-MRI Biomarker Committee Call: October 14 at 11 AM CT [Dr. Boss to moderate]