

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

Wednesday, 24 June 2015 at 11 AM CT

Call Summary

Participants

Michael Boss, PhD (Co-Chair)

Harsh Agarwal, PhD

David Bennett, PhD

Mark Brown, PhD

Thomas Chenevert, PhD

Caroline Chung, MD

Catherine Coolens, PhD

Rebecca Cope

Amita Dave, PhD

Bradley Erickson, MD, PhD

John Garber, MBA

Daniel Gembris, PhD

Wei Huang, PhD

Chen Lin, PhD

David Purdy, PhD

Christopher (Chad) Quarles, PhD

Mark Shiroishi, MD

Daniel Sullivan, MD

Ying Tang, PhD

Brian Taylor, PhD

Ona Wu, PhD

Junqian (Gordon) Xu, PhD

Dewen Yang, MD, PhD

Gudrun Zahlmann, PhD

Yuxiang Zhou, PhD

RSNA

Joe Koudelik

Susan Weinmann

Moderator: Dr. Boss

DSC Update (Drs. Erickson and Wu)

- The DSC Task Force (TF) has been officially approved by the Steering Committee
- This TF is currently in the early phase of a literature review
- The article search strategy yielded 2100 results
- Volunteer readers were requested to provide assistance in determining which articles are relevant
- Drs. Erickson and Boxerman are creating a DRO

Round-5 Project Selection Timeline (Dr. Sullivan)

- The Steering Committee is still soliciting project scores from voting members
- A decision regarding project prioritization will be available soon after the submission deadline on Friday, June 26
- The response to the NIBIB RFP is due by July 15, with a funding decision expected by mid-August

Round 4 Project Update

- It is anticipated that Drs. Jackson and Barboriak will provide Round-4 project updates on the next BC call

DCE Update (Dr. Chung)

- The next call for the DCE TF is scheduled for July 7
- Profile version 1.6 / 1.7 is to include 3T and parallel imaging
- Dr. Laue is currently formatting the Profile to conform to the QIBA Profile template
- Volunteers for specific sites, including brain, head and neck, and liver have been identified
- Volunteers for breast, prostate, kidney, and cervix are needed
- Zotero is the preferred research tool/citation manager for this literature review
- Dr. Wu to determine if Zotero allows group members to add members
- Dr. Boss stated that Google docs was a useful tool for groups to share and maintain a unified spreadsheet for literature review tasks

DWI Phantom Instructions (Dr. Boss)

- The DWI phantom positioning guide version 2015-06-24 was shown
- Dr. Chenevert has been instrumental in the evolution of this imaging protocol

- The group provided feedback regarding the multiple orientations within the MR magnet (head coil)
 - How best rotate the phantom for Axial, Coronal, and Sagittal orientations were presented and explained

Next PDF-MRI Biomarker Committee Call: July 8th at 11 AM CT