

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

Wednesday, April 25, 2018 at 11 AM (CT)

Call Summary

Participants

Michael Boss, PhD (Co-Chair)
Thomas Chenevert, PhD
Amita Dave, PhD
Dena Flamini, RT (R)(MR)(M)
Daniel Gembris, PhD

Edward Jackson, PhD
Harrison Kim, PhD, MBA
Daniel Krainak, PhD
Hendrik Laue, PhD
Chen Lin, PhD

Mikko Määttä, PhD
Nancy Obuchowski, PhD
Mark Rosen, MD, PhD
Samir Sharma, PhD

RSNA

Joe Koudelik
Susan Stanfa

Moderator: Dr. Boss

Reorganization of PDF-MRI BC

- The MR CC approved the proposal to reorganize the PDF-MRI BC during its March 20 t-con
- Background on the PDF-MRI BC was provided
 - Originally, the DCE Profile was the only Profile in progress
 - Once work began on additional Profiles, the groups branched out as TFs underneath the PDF-MRI BC to use RSNA staff resources efficiently, and facilitate cross-training on Profile-writing from the more experienced DCE group members
 - With the current overlap of TF members, lack of Profile-writing experience is no longer an issue and the need for the overarching PDF-MRI BC has waned
 - Because Profile work has been occurring at the TF level (not the typical BC level as in other modalities), PDF BC t-cons have essentially served as TF progress updates
- The goal of restructuring would be to remove some of the challenges resulting from the PDF BC's growth and to streamline ongoing Profile writing efforts
 - TFs to be elevated to separate BCs and dissolution of PDF-MRI BC would immediately follow
 - A layer of governance and approval would be eliminated
- It was noted that within other QIBA groups, TFs were created for only very specific tasks or aspects of Profile-writing (e.g., literature review) but once the task is completed, the TF would dissolve
- Each of the four PDF TFs has a Profile underway (DCE, DWI, DSCI, ASL, DTI efforts on hold)
- Dr. Boss requested feedback on the restructuring proposal
 - Some PDF BC members said that they would miss the cross-group interaction and regular progress updates with the dissolution of the PDF BC
 - It was pointed out that the quarterly t-cons of the MR CC could be used for these TF/BC updates and the monitoring of group progress
 - An unlimited number of MR BC members are permitted to join the MR CC as non-voters
- Thus far, there has not been opposition to the proposal for this reorganization, however, due to limited resources, discussion of logistics and priorities is needed
 - Suggestion to periodically hold joint calls with combined ASL, DCE, DSC, DTI and DWI groups
- The goal is to finalize a PDF-MRI BC restructuring plan by the May 15th QIBA Annual Meeting

Progress Update on “Technical Performance of Quantitative Imaging with Emphasis on the Precision of DWI and DCE-MRI in Oncology” (White Paper on Reproducibility Study Needs)

- Dr. Dave was thanked for leading the manuscript writing effort
- Final version has been submitted to Dr. Jackson for review, feedback and final approval
- Manuscript for publication in the Journal of Magnetic Resonance Imaging to be submitted to the editor and files will be uploaded

Other

- Dr. Boss to send the DWI public comment resolution document to Dr. Chenevert for updates
- RSNA staff to notify Round 5 & 6 PIs to present funded project updates during the May 9 PDF-MRI BC t-con
- Dr. Jackson notified the group that an updated version of dashboards, created by Mr. O’Donnell and piloted by Dr. Boss, were distributed to scientific liaisons last week; BC leaders will be asked to make updates

Next PDF-MRI BC Call: Wednesday, May 9, 2018 at 11 AM CT

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