QIBA Perfusion, Diffusion and Flow – MRI Biomarker Committee Update Call
Wednesday, 5 August 2015 at 11 AM (CT)
Call Summary

Participants

John Kirsch (Co-Chair)
Harsh Agarwal, PhD
David Bennett, PhD
Joseph Borrelli
Orest Boyko, MD
Thomas Chenevert, PhD
Amita Dave, PhD
Bradley Erickson, MD, PhD
Jacob Fluckiger, PhD
John Garber, MBA
Daniel Gembris, PhD
Edward Jackson, PhD
Sachin Jambawalikar, PhD
Hendrik Laue, PhD
Dariya Malyarenko, PhD
Nancy Obuchowski, PhD
Eric Perlman, MD
Walter Schneider, PhD
Ying Tang, PhD
Brian Taylor, PhD
Jihong Wang, PhD (JHW)
Ona Wu, PhD
Junqian (Gordon) Xu, PhD
Gudrun Zahlmann, PhD
Yuxiang Zhou, PhD

RSNA
Joe Koudelik
Susan Weinmann

Moderators: Drs. Kirsch & Jackson

DSC TF Update (Dr. Wu)
- Literature search process is underway
- Zotero is being used as research tool
- Volunteer readers are requested
- The last meeting was May 28
- Dr. Wu to follow up with Dr. Zhou re: help with vetting relevant articles

DTI TF Update (Dr. Schneider)
- In the process of phantom-testing
- A discussion ensued on how critical vendor input is to profiles – Dr. Schneider was asked about his experience with vendors
- fMRI BC / DTI TF Collaboration
  - Further discussion needs to take place on how fMRI can factor into DTI work and if so, when that would happen
  - The DTI TF is still in early phases of development
  - Dr. Jackson is serving as the liaison between the fMRI BC and the DTI TF

Round 4 Project Update
- MR-related projects (Dr. Barboriak, Jackson and Voyvodic) are on schedule to be completed by the August 31, 2015 deadline
- In effort to avoid jeopardizing Round-5 project funding, Round-4 project extensions will not be allowed

Round 5 Project Update
- The proposal for Round-5 funding was submitted by QIBA to NIBIB on July 14
- News is anticipated by late August/ early September
- The Steering Committee met on July 18 and reviewed project prioritization
- Two projects from the PDF-MRI BC and one from the fMRI BC appear to be within the fundable range
- Project PIs were reminded to re-examine their overall budgets in attempts to fund additional projects

Vendor Representation and Profile Development
- A discussion ensued regarding vendor involvement in the profile development and testing process and how to best utilize limited resources (e.g., limited vendor availability across multiple modalities)
- It is predicted that vendor efforts will shift from supporting profile development to development of conformance standards and maintaining performance of scanners
- It was stated that vendor input to the development of profiles has been valuable for both biomarker committees and vendor
- There was discussion regarding the collaboration of MR vendor representatives
- RSNA staff to provide list of MR vendors with email addresses

General Announcements/Discussion
- Dr. Jackson mentioned that a Proton Density Fat Fraction (PDFF) TF will be initiated soon. Dr. Chenevert will be transitioning into the MR Scientific Liaison position since Dr. Jackson has taken on the role of QIBA Chair (Dr Eric Perlman will be assisting as Vice-Chair)
- Dr. Schneider announced a recently-published article about his work in “Discovery Magazine,” titled: “Seeing the Brain’s Broken Cables.” It can be found at: http://discovermagazine.com/2015/sept/16-broken-cables.
- There was discussion regarding cancelling the next regularly scheduled call and reconvening on September 2 – information will be distributed to committee members when this is confirmed
- The next call will include a DWI TF update, contingent upon whether information is available to present

Next PDF-MRI Biomarker Committee Call: September 2 at 11 AM CT [Dr. Boss to moderate]