

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

Wednesday, 29 October 2014 at 11 AM CT

Draft Call Summary

Participants

Marko Ivancevic, PhD (Co-Chair)

Mark Rosen, MD, PhD (Co-Chair)

David Bennett, PhD

Martin Buechert, PhD

Amita Shukla Dave, PhD

Benjamin Ellingson, MS, PhD

Sarah Englander, PhD

Dena Flamini, RT

Jacob Fluckiger, PhD

Daniel Gembris, PhD

Alex Guimaraes, MD, PhD

Edward Jackson, PhD

Chen Lin, PhD

Nancy Obuchowski, PhD

Thorsten Persigehl, MD

Walter Schneider, PhD

Mark Shiroishi, MD

Daniel Sullivan, MD

Brian Taylor, PhD

Ona Wu, PhD

Dewen Yang, MD, PhD

Yuxiang Zhou, PhD

RSNA

Joe Koudelik

Julie Lisiecki

General Discussion

Round-4 QIBA Projects

- Contracts for funded MR projects have received Federal Contract Officer Approval (COA) and are being sent to institutions for review and approval

QIBA Committee Posters at RSNA 2014

- Two MR posters are being prepared: one general overview poster on DCE efforts, and a second on DWI, which will be developed and printed by Dr. Boss
- If additional time is needed, RSNA staff can extend their submission deadline to Friday, November 7th
- Dr. Jackson will follow up with Drs. Boss, Rosen, and Zahlmann regarding the status of the posters

Compliance

- Progress has been made with the vendors regarding compliance issues, but some discussion points remain:
 - the difficulty in specifying compliance if the target audience is too broad, e.g. all encompassing – from scanners to algorithms to technologists
 - lack of specific responsible governing bodies to confirm compliance
 - need for abbreviated, concise, clear language in the Profile
 - re-crafting of section 3 of the Profile will be needed; language to include how to achieve a specific number within defined precision limits based on phantoms and DROs
- Scope has expanded to many aspects of imaging within a clinical trial
 - Should be grouped under “best practices,” possibly not included in Profile document
 - This may lead to a revision or update to the DCE-MRI Profile, as the original did not have compliance details

Planning for the f2f Breakout Session(s) at RSNA 2014

- Dr. Rosen would like to have an opportunity for the 5 new task force groups within the PDF-MRI Biomarker Committee to meet in person at RSNA 2014 – after the plenary session at the QIBA meeting
 - RSNA staff is investigating available meeting space
- *As a reminder, the groups are as follows:*
 - DWI TFG
 - Chairs: Drs. Boss and Chenevert
 - Members: Drs. Ivancevic, Rosen and Wu
 - Goal: Profile ready for public review 12/2014
 - DCE Compliance Section TFG
 - Chair: Dr. Guimaraes
 - Members: Drs. Jackson, Barboriak, Zahlmann...
 - Goal: Compliance document ready by 10/2014
 - DTI TFG (Proposed)
 - Chairs: Drs. Provenzale and Schneider
 - Members: Drs. Boss, Bassar, Jackson, vendor representative

- Goal: Profile claim consolidated and first draft ready by 12/2014
- Constraint: Work is currently linked to requested DoD project support; decision needed in case DoD project isn't funded
- DSC TFG
 - Chairs: Dr. Erickson
 - Members: Drs. Barboriak, Boxerman, Shiroishi, Wu
 - Goal: Profile ready for public review?
- MRE TFG
 - Chair?
 - Members?
 - Profile ready for public review?

Next t-con: QIBA PDF-MRI Biomarker Cmte Update T-Con, Wednesday, November 12, 2014 at 11am (CT)

Please let us know whether you plan to attend the QIBA Technical Committees- Working Meeting by responding to the following Doodle Poll, <http://doodle.com/mk7qecxint6vbwf5>