QIBA Perfusion, Diffusion and Flow – MRI Biomarker Committee Update Call  
Wednesday, 07 January 2015 at 11 AM CT  
Call Summary

Participants

Marko Ivancevic, PhD (Co-Chair)  
Mark Rosen, MD, PhD (Co-Chair)  
Gudrun Zahlmann, PhD (Co-Chair)  
Rajpaul Attariwala, MD, PhD  
David Bennett, PhD  
Michael Boss, PhD  
Martin Buechert, PhD  
Thomas Chenevert, PhD  
Caroline Chung, MD  
Amita Shukla Dave, PhD  
Sarah Englander, PhD  

Mark Law, MD  
Jacob Fluckiger, PhD  
John Garber, MBA  
Daniel Gembris, PhD  
Bernadette Greenwood, BSc  
Gary Gong, MD, PhD  
Alex Guimaraes, MD, PhD  
Marta Heckel  
Edward Jackson, PhD  
John Kirsch, PhD  
Hendrik Laue, PhD

Hui Jing Yu, PhD  
Nancy Obuchowski, PhD  
Thorsten Persigehl, MD  
James Provenzale, MD  
Snuder Rajan, PhD  
Mark Shiroishi, MD  
Daniel Sullivan, MD  
Brian Taylor, Ph D  
Ona Wu, PhD  
Dewen Yang, MD, PhD

RSNA  

General Discussion

DWI Phantom / Protocol / Profile Update (Dr Boss)

- All phantoms shipped (except Brazil) and received by participating imaging sites
- Imaging protocol being finalized
- Once edits are completed, protocol to be Wiki posted and BC Cmte notified for reference
- Imaging data from multiple sites will be stored on the QIDW
- Dr Chenevert’s DWI phantom analysis software also be publicly available
- Gold standard ADC values still needed for quantitative reference
- Phantom study to proceed for 12+ months in efforts to gather repeatability, reproducibility, and long-term phantom stability data
- QuIC-ConCePT collaboration feedback needed re the current protocol, especially lung review, prior to the Public Comment phase; Dr Boss to notify Dr Zahlmann once protocol is ready
- Dr Boss plans to Poll for a t-con with all site leaders to discuss next steps
- Review of ADC Profile claim language by all cmte members encouraged
- Profile section contributors requested to review their text for accuracy:
  - QC section: Drs Guimaraes and Chenevert
  - Head & Neck section: Dr. Dave
  - Subject handling section: etc
- Dr Boss to send staff the revised Profile for Wiki posting within four weeks – this will be reviewed/discussed on the next two PDF BC calls

DCE Compliance Language Update (Dr. Guimaraes)

- Compliance issue identified in DCE Profile ver 1.0 – need to revise in terms of Metrology Group criteria
- A common terminology is needed across all modality Profiles
- Specific “Actor” roles need to be identified and accounted for
- Dr Guimaraes has been appointed as Chair of the new QIBA MR Coordinating Cmte; this will limit his availability as DCE Profile Editor; any assistance with Profile version 1.0 editing would be welcome
- General vs. task-specific Actor roles need to be fleshed-out
- How to confirm Actor task compliance yet to be determined
- Suggested was to finalize DCE Profile ver 1.0 as currently written, and begin a parallel effort on ver 2.0 with a 3T and Parallel Imaging focus
- With limited availability, Dr Guimaraes requested that a new Profile Editor take over the ver 2.0 Profile

Next t-con: February 4, 2015 (no t-con on Jan 21 due to the QIBA Steering Ctme meeting in Chicago)