

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

Wednesday, 05-September-2012 at 11 AM CDT (GMT-5)

Call Summary

Participants

Gudrun Zahlmann, PhD (Co-chair)
Edward F. Jackson, PhD (Co-chair)
Marko Ivancevic, PhD (Co-Chair)
Michael Boss, PhD
Andrew J. Buckler, MS
Thomas L. Chenevert, PhD
James R. Ewing, PhD

Daniel Gembris, PhD
Alexander Guimaraes, MD, PhD
Jayashree Kalpathy-Cramer, PhD
Chen Lin, PhD
Estanislao Oubel, PhD
Savannah Partridge, PhD
David E. Purdy, PhD
Mark Rosen, MD, PhD

Rohit Sood, MD, PhD
Daniel C. Sullivan, MD
Ying Tang, PhD
Ona Wu, PhD

RSNA

Joe Koudelik
Madeleine McCoy

General Discussion

- Update on DWI Profile Effort (Dr. Boss)
 - Dr. Boss shared the updated literature review spreadsheet for tracking organ-based literature references.
 - It was decided that any additional information should be captured in the notes column.
 - Special attention needed when multiple protocols are referenced within a publication.
 - Multiple articles can be filtered via a PubMed search using specific parameters posted at http://qibawiki.rsna.org/images/3/36/DWI_organ_lit_search_criteria-25JULY2012.doc
 - RSNA Staff will distribute Dr. Boss' updated DWI Organ-based Literature Review Volunteers document.
 - The goal is to have the literature document completed by the end of September with at least two volunteers for each organ.
 - Dr. Guimaraes - Whole Body Lymphoma
 - Drs. Karczmar - Prostate
 - Drs. Boss and Partridge - Breast
 - Summarization of the literature data will begin in October.
- DCE-MRI v2.0 Profile Compliance Work Group Sign-up
 - To date, 6 volunteers are listed to participate in the work group to further discuss compliance for the.
 - Dr. Jackson suggested the participation of Drs. Guimaraes, Purdy, Rosen and Ivancevic.
 - Interested parties should contact RSNA Staff (and cc Co-chairs) as soon as possible
- Updates from NIBIB Phase I and Phase II Projects
 - Dr. Rosen discussed the ACRIN 6701 Test-Retest clinical trial imaging manual feedback received from Drs. Purdy and Ivancevic.
 - Purchase of the second ice-water phantom has been approved.
- VirtualScopics update included a review of the spreadsheet created by Dr. Jackson.
 - There will be two releases of data analysis files.
 - ROI will be unique to each released file which is explained on the spreadsheet, DCE Analysis (Using Output from VirtualScopics QIBA Code).
 - Dr. Jackson requested input to incorporate on this spreadsheet.

- RSNA Staff to post this sample data on the QIBA WIKI
- QIBA Technical Committee Poster for the 2012 RSNA Annual Meeting
 - The suggested topic for the 2012 poster is a summary of the NIBIB-funded projects.
 - Dr. Jackson would be willing to take the lead on creating the poster as long as print-ready material is provided by each project leader (Drs. Ashton Barboriak, Jackson and Rosen).
 - The deadline for submitting the print-ready poster to RSNA HQ is November 1st.

Next steps:

- Next call scheduled for Wednesday, September 19, 2012, at 11 AM (CT)- agenda topic to be the poster for RSNA 2012
- RSNA staff to send a reminder about participation in the compliance work group.
- RSNA Staff to distribute Dr. Boss' updated DWI Organ-based Literature Review Volunteers document.
- RSNA Staff to post the VirtualScopics sample data spreadsheet to the QIBA WIKI.