

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

Wednesday, 3-October-2012 at 11 AM CDT (GMT-5)

### Call Summary

#### Participants

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

Sandeep N. Gupta, PhD  
Rajan Jain, MD  
Gregory Karczmar, PhD  
Mark Rosen, MD, PhD  
Katherine Scott, PhD  
Rohit Sood, MD, PhD  
Ying Tang, PhD

Ona Wu, PhD  
Hui Jing Yu  
Xiangzhi Zhou, PhD

#### RSNA

Joe Koudelik  
Madeleine McCoy

#### General Discussion

- Update on DWI Profile Effort (Dr. Boss)
  - Dr. Boss presented data slides that included updated literature information.
    - Bone- 15 articles, Brain- 25 articles, Breast- 7 articles, Kidney- 9 articles, Liver- 17 articles, Lymphoma- 5 articles and Whole Body- 12 articles
    - Prostate, Lung, Head/Neck and Uterine/Cervical are in process with the understanding that the most accessible out of these subjects will be prostate. Lung may be added to Whole Body.
    - Image acquisition parameters for each organ-based protocol needed.
    - Study conditions, such as test/retest, intra-reader, inter-reader, coffee break need to be categorized as well as disease-free volunteers vs. patients.
    - Dr. Boss will send RSNA Staff the literature reference document for circulation as well as the Brain literature document discussing the 37% figure.
    - Drs. Rosen and Karczmar will look at reproducibility and send contributions.
- QIBA Technical Committee Poster for the 2012 RSNA Annual Meeting (Dr. Ivancevic)
  - The 2012 poster will be divided into 3 columns and each NIBIB Funded Project will be summarized.
    - Dr. Barboriak will provide a summary from the DRO report and will include illustrations.
    - Dr. Jackson will provide DCE-MRI phantom and phantom data analysis summary.
    - Dr. Rosen will work with ACRIN to confirm logo use for the Test/Retest Project and will include analysis, images and a project outline.
  - Draft poster review will be an agenda item for the October 17<sup>th</sup> t-con.
  - The deadline for submitting the hard-copy poster to RSNA HQ is November 1<sup>st</sup>.
- QIBA DCE-MRI Profile v2 (Dr. Guimaraes)
  - Discussion of the next Profile version was tabled.
  - Dr. Guimaraes plans to craft new text for a Profile claim.
    - This will be ready for discussion at the 2012 RSNA Annual Meeting.

#### Next steps:

- Next call scheduled for Wednesday, October 17, 2012, at 11 AM (CT)

- Agenda topics to include the 2012 draft poster review of each section.
- RSNA Staff to circulate literature review update document and brain literature once received from Dr. Boss.
- RSNA 2012 ANNUAL MEETING ACTIVITIES-Chicago, McCormick Place
  - **QIBA Technical Committees Working Meeting**  
Wednesday, November 28<sup>th</sup> at 3:00pm – 5:00pm; Room: N136
  - **Special Interest Session- *What Imaging Measurements are Needed in Clinical Practice?***  
Monday, November 26<sup>th</sup> at 4:30pm – 6:00pm; Room: N228