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

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

## Call Summary

### Participants

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<tr>
<th>Marko Ivancevic, PhD (Co-chair)</th>
<th>Sandeep N. Gupta, PhD</th>
<th>Ona Wu, PhD</th>
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<tr>
<td>Michael Boss, PhD</td>
<td>Rajan Jain, MD</td>
<td>Hui Jing Yu</td>
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<td>Andrew J. Buckler, MS</td>
<td>Gregory Karczmar, PhD</td>
<td>Xiangzhi Zhou, PhD</td>
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<td>Thomas L. Chenevert, PhD</td>
<td>Mark Rosen, MD, PhD</td>
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<td>James R. Ewing, PhD</td>
<td>Katherine Scott, PhD</td>
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<td>Daniel Gembris, PhD</td>
<td>Rohit Sood, MD, PhD</td>
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<td>Alexander Guimaraes, MD, PhD</td>
<td>Ying Tang, PhD</td>
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<td>Joe Koudelik</td>
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<td>Madeleine McCoy</td>
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### 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. Barbioriak 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 17th t-con.
  - The deadline for submitting the hard-copy poster to RSNA HQ is November 1st.

- **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
  o QIBA Technical Committees Working Meeting
    Wednesday, November 28th at 3:00pm – 5:00pm; Room: N136
  o Special Interest Session- *What Imaging Measurements are Needed in Clinical Practice?*
    Monday, November 26th at 4:30pm – 6:00pm; Room: N228