

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

Wednesday, 13 May 2015 at 11 AM CT

### Call Summary

#### Participants

|                              |                              |                        |                             |
|------------------------------|------------------------------|------------------------|-----------------------------|
| Michael Boss, PhD (Co-Chair) | Daniel Gembris, PhD          | Suraj Serai, PhD       | <b>RSNA</b><br>Joe Koudelik |
| John Kirsch, PhD (Co-Chair)  | Alexander Guimaraes, MD, PhD | Daniel Sullivan, MD    | Susan Weinmann              |
| Harsh Agarwal, PhD           | Edward F. Jackson, PhD       | Ying Tang, PhD         |                             |
| Daniel Barboriak, MD         | Daniel Krainak, PhD          | Brian A. Taylor, PhD   |                             |
| Joseph A. Borrello, MD       | Hendrik Laue, PhD            | Jihong Wang, PhD (JHW) |                             |
| Mark S. Brown, PhD           | Dariya Malyarenko, PhD       | Zhiyue Jerry Wang, PhD |                             |
| Martin Buechert, PhD         | Elizabeth Mirowski, PhD      | Ona Wu, PhD            |                             |
| Thomas L. Chenevert, PhD     | Nancy Obuchowski, PhD        | Dewen Yang, MD, PhD    |                             |
| James R. Ewing, PhD          | Kathleen Schmainda           | Yuxiang Zhou, PhD      |                             |

#### Announcements (Dr Boss)

- Dr. Ivancevic has officially stepped down from his position as Co-chair of the PDF-MRI BC
- Dr. Kirsch has assumed the vacant Co-chair position
- Industry (Philips) representation has been taken over by Dr. Agarwal
- There has been a change in QIBA Leadership
  - Dr. Sullivan will be stepping down as QIBA Chair in June
  - Dr. Jackson will be assuming the role as Chair

#### DWI Task Force Update (Dr. Boss)

- Additional organs to be included within the Profile include the brain, breast, prostate and liver
- A longitudinal claim will be the focus

#### DCE Task Force Update (Dr. Laue)

- Literature review has begun
- Need to develop a phantom
- Finish intermediate Profile 1.6/1.7
  - Evaluation of ACRIN data by Dr. Rosen
  - Adapt profile template where appropriate
  - Adapt claim according to results of evaluation
- Start working on Profile 2.0
  - Adapt profile template
  - Adapt claim
  - Look into 3T and parallel imaging

#### Literature Searches (Dr. Boss)

- Dr. Boss stressed the importance of a systematic approach
- Dr. Laue demonstrated the Mendeley database and explained its functions and benefits
- Dr. Laue will put information up on the QIBA wiki and will get in touch with RSNA staff for assistance
- Dr. Boss explained the benefits of sharing information using Google docs and suggested continuing this discussion about approaches to literature reviews on the QIBA wiki

#### DTI Task Force Update (Dr. Boss)

- The DTI TF will have a Profile draft ready by December 2015

#### Round 5 Proposal Updates

- Project PIs to resubmit project proposal revisions (if needed) to RSNA staff by 5/22

- Coordinating committees will review and prioritize Round-5 proposals for Steering Ctte review in June

**Next PDF-MRI Biomarker Committee Call:**

- May 27<sup>th</sup> - to include update from the DTI Task Force