

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	RSNA 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	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 27th - to include update from the DTI Task Force