

QIBA Perfusion, Diffusion and Flow – MRI Biomarker Committee (BC) Update Call

Wednesday, July 20, 2016 at 11:00 AM (CDT)

Call Summary

Participants

Michael Boss, PhD (Co-Chair)

Dafna Ben Bashat, PhD

Joseph Borello

Mark Brown, PhD

Catherine Coolens, PhD

Jacob Fluckiger, PhD

Daniel Gembris, PhD

Edward Jackson, PhD

Daniel Krainak, PhD

Hendrik Laue, PhD

Chen Lin, PhD

Mikko Määta, PhD

Elizabeth Mirowski, PhD

Walter Schneider, PhD

Ying Tang, PhD

Qing Yuan, PhD

Robert Young MD

Gudrun Zahlmann, PhD

RSNA

Joe Koudelik

Susan Weinmann

Moderator: Dr. Boss

General Task Force Updates

- Three of the TFs are close to completing a Profile draft to distribute for public comment
- The DCE TF has requested a cross-comparison with different sister MR Profiles, especially focusing on section 3 details and format.
- The goal is to be as consistent as possible across Profiles
- The DWI TF hopes to have a draft of its Profile ready by the next PDF-MRI BC call on August 3
- A cross-comparison of Profile formats and a brief DWI TF update will occur on the next PDF BC call on August 3

DTI TF Update (Dr. Schneider)

- The inaugural call of the DTI TF was held on July 7
- The DTI TF plans to hold monthly calls going forward
- A membership list of subject matter experts has been created
- A phantom-testing program is being established
- A background literature review will soon be underway
 - To look into search strategy and tools for literature review process
 - An annotated bibliography of relevant publications is being assembled
- Work on imaging protocol will begin once technical specifications (i.e., metrics based on phantom testing) are identified
- The differences between Dr. Schneider's round robin phantom study (such as protocols and temporal scanning) and the Round-6 project were discussed
- Dr. Schneider to send link to files of the phantom-testing program as requested; volunteers welcome to participate

Other Business

- Dr. Boss to reach out to TF leaders to discuss agenda for next call
- Upcoming PDF Task Force Updates:
 - August 3 – DWI
 - August 17 – DSC
 - August 31 – DCE
 - September 14 – DTI

Next PDF-MRI Biomarker Committee Call: August 3, 2016 at 11 AM CDT (DWI TF update is scheduled)