

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

Wednesday, 15-October-2014 at 11 AM CDT

Draft Call Summary

Participants

Mark Rosen, MD, PhD (Co-Chair)

Rajpaul Attariwala, MD, PhD

Daniel Barboriak, MD

David Bennett, PhD

Michael Boss, PhD

Thomas Chenevert, PhD

Amita Shukla Dave, PhD

Jacob Fluckiger, PhD

Daniel Gembris, PhD

Jim Gimpel, RT

Hendrik Laue, PhD

Chen Lin, PhD

James Provenzale, MD

David Purdy, PhD

Walter Schneider, PhD

Daniel Sullivan, MD

Dewen Yang, MD, PhD

Yuxiang Zhou, PhD

RSNA

Joe Koudelik

Madeleine McCoy

Agenda

1. DTI Writing Group Update
2. Organization of the PDF committee oversight
 - a. Writing groups
 - b. Groundwork projects
3. DSC WG proposal (Dr. Erickson)
4. Update on the DTI WG (Dr. Schneider)

General Discussion

- Diffusion Tensor Imaging (DTI) Writing group Update (Dr. Schneider)
 - VA and DoD have been funding more research in this area in efforts to cross-compare scanner results for the lifetime assessment of patients
 - New vs. current DTI technologies and pitfalls evaluated
 - Need to engage one more vendor rep to establish a small, core writing group
 - An initial draft of the DTI proposal will be presented to the PDF-MIR Biomarker Committee by the end of December
- QIBA Committee Posters at RSNA 2014
 - Dr. Boss to lead the DWI poster development effort; expects to have a draft ready before Oct 31
 - Drs. Zahlmann and Rosen to lead the DCE-MRI poster effort
- DWI Phantom Update (Dr Boss)
 - New injection-molded design creates a transparent shell that is idea for monitoring ice levels within the phantom
- Dr Rosen to follow up with remaining Round-3 project PIs for a status update scheduled for the Oct 29th t-con
- PDF-MRI Biomarker Committee call schedule to be scaled-back to accommodate the multiple MR Writing Groups (i.e., Task Force Groups-TFGs); additional details and a final schedule to be determined in December, after RSNA 2014
- Reminder: The TFGs would report to the PDF-MRI Biomarker Cmte regularly with a change in call schedule to once a month
 - DWI TFG
 - Chairs: Drs. Boss and Chenevert
 - Members: Drs. Ivancevic, Rosen and Wu
 - Goal: Profile ready for public review 12/2014
 - DCE Compliance Section TFG
 - Chair: Dr. Guimaraes
 - Members: Drs. Jackson, Barboriak, Zahlmann...
 - Goal: Compliance document ready by 10/2014

- DTI TFG (Proposed)
 - Chairs: Drs. Provenzale and Schneider
 - Members: Drs. Boss, Bassar, Jackson, vendor representative
 - Goal: Profile claim consolidated and first draft ready by 12/2014
 - Constraint: Work is currently linked to requested DoD project support; decision needed in case DoD project isn't funded
- DSC TFG
 - Chairs: Dr. Erickson
 - Members: Drs. Barboriak, Boxerman, Shiroishi, Wu
 - Goal: Profile ready for public review?
- MRE TFG
 - Chair?
 - Members?
 - Profile ready for public review?

Next t-con: QIBA PDF-MRI Biomarker Cmte Update T-Con, Wednesday, October 29, 2014 at 11am (CT)

Please let us know whether you plan to attend the QIBA Technical Committees- Working Meeting by responding to the following Doodle Poll, <http://doodle.com/mk7qecxint6vbwf5>