

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

Wednesday, 22-January-2014 at 11 AM CST

Call Summary

Participants

Marko Ivancevic, PhD (Co-Chair)

Edward F. Jackson, PhD (Co-Chair)

Gudrun Zahlmann, PhD (Co-Chair)

Daniel P. Barboriak, MD

Michael Boss, PhD

Orest B. Boyko, MD

Martin Buechert, PhD

Thomas L. Chenevert, PhD

Patricia E. Cole, PhD, MD

Amita Shukla Dave, PhD

James R. Ewing, PhD

Dena Flamini, RT

Daniel Gembris, PhD

James Gimpel, RT (R) (MR)

Alexander Guimaraes, MD, PhD

Dennis Hedderich, MD

John Kirsch, PhD

Daniel M. Krainak, PhD

Hendrik Laue, PhD

Thorsten Persigehl, MD

David E. Purdy, PhD

Mark Rosen, MD, PHD

Ying Tang, PhD

Ona Wu, PhD

Yuxiang Zhou, PhD

RSNA

Joe Koudelik

Madeleine McCoy

DCE-MRI Profile Status (Dr. Guimaraes)

- Dr. Guimaraes provided an overview of the compliance section of the DCE-MRI Profile (v2.0), modeled on the FDG-PET and CT VOL Profiles, as well as the ACRIN 6701 Protocol
- The skeleton compliance document is currently separate from the Profile and will be posted on the QIBA WIKI.
- The goal is to have the committee review the document, help assign tasks/ responsibilities to various “actors”, then send feedback to Dr. Guimaraes and discuss the changes via e-mail.
- Challenge remains to identify the Profile audience based on the original intent for this document
- The proposed changes will be incorporated by the Feb 5th PDF-MRI Tech Ctte t-con.

DWI Phantom Update (Dr. Boss)

- Dr. Boss reported that the DWI Phantom will not be part of the IMI Clinical Trials at this point.
- Collaborations will continue with IMI in other areas.
- Dr. Boss received the alternate vials from Dr. Chenevert for testing.
- 4-5 revised phantoms will still be 3-D printed for TC use.
- Dr. Kirsch will forward the acquisition protocols for Siemens scanners to Drs. Boss, Chenevert and Guimaraes for formatting edits.

DWI Profile Status (Dr. Boss)

- Dr. Boss plans to discuss Profile section assignments on the Feb 5th t-con.
- Dr. Zahlmann suggested submission of the DWI Profile as a poster abstract for the RSNA 2014 Annual Meeting; deadline April 9th in addition to the PDF-MRI QIBA Kiosk poster.
- Dr. Boss will consider this recommendation.

Next t-con: Wednesday, February 5th at 11AM (CDT)