

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

Wednesday, 12-June-2013 at 11 AM CDT (GMT-5)

### Call Summary

#### Participants

Marko Ivancevic, PhD (Co-Chair)  
Gudrun Zahlmann, PhD (Co-Chair)  
Daniel P. Barboriak, MD  
Michael Boss, PhD  
Orest B. Boyko, MD  
Andrew J. Buckler, MS  
Thomas L. Chenevert, PhD  
James R. Ewing, PhD

Daniel Gembris, PhD  
Alexander Guimaraes, MD, PhD  
Martha Heckel  
Jayashree Kalpathy-Cramer, PhD  
Hendrik Laue, PhD  
Chen Lin, PhD  
Estanislao Oubel, PhD  
Thorsten Persigehl, MD  
David E. Purdy, PhD

Daniel C. Sullivan, MD  
Ona Wu, PhD  
Xiangzhi Zhou, PhD  
Yuxiang Zhou, PhD

#### RSNA

Fiona Miller  
Joe Koudelik  
Madeleine McCoy

#### Suggested topics of discussion for the June IMI meeting (Dr. Boss)

- The IMI meeting will be held June 24-25 in Manchester, England.
- QIBA participants include Drs. Zahlmann and Chenevert (in-person) and Drs. Jackson and Boss (teleconference).
- There will be a three-hour window to discuss lung/liver clinical work and share protocol details.
- Dr. Boss to receive DWI Phantom components before the meeting and will provide a status update.
- Dr. Alan Jackson to help contribute QuIC-ConCePT lung/liver ROI image analysis details
- Dr. Boss will send draft of proposed IMI meeting agenda topics to Drs. Zahlmann and Chenevert for review prior to sending to Dr. Waterton
- Dr. Boss to discuss DWI and DCE site qualification procedures (ACRIN DWI trial document) with Dr. Rosen

#### Feedback regarding the latest DWI Profile (v1.07a) (Dr. Boss)

- Profile v1.07a has been uploaded to the QIBA WIKI.  
[http://qibawiki.rsna.org/index.php?title=Perfusion%2C\\_Diffusion\\_and\\_Flow-MRI\\_tech\\_ctte](http://qibawiki.rsna.org/index.php?title=Perfusion%2C_Diffusion_and_Flow-MRI_tech_ctte)
- Dr. Boss has been collecting contributions from committee members re: organ specific ROI identification procedures.
- Organ-specific imaging protocols have been submitted by Dr. Rosen and Ms. Partridge.
  - The best placement for this material needs to be chosen.
- The new kidney imaging protocol, the literature review and the protocol document (Rosen/Partridge) will be circulated to the group for comment.

#### Review next phase of funding proposals and confirmation of PIs

- Dr. Sullivan updated the group re: the current status for potential project funding.
  - More proposal details expected within the next 1-2 weeks.
  - Response to RFP needed by June 24<sup>th</sup>; additional project details needed by July 12
  - More discussion will continue on the next Steering Committee t-con.
- The next step for the committee is to finalize the proposals to be submitted.
  - DW-MRI Phantom Data Software Project was originally submitted by Mango Solutions.
    - Since the departure of Dr. Whitcher, collaboration has ceased.
    - Dr. Chenevert is very interested in working with this project and will follow-up with Dr. Alan Jackson to discuss expectations.
  - The DCE-MRI Data and Statistical Analysis (Dr. Laue), the DCE-MRI Phantom Study (Dr. Persigehl) and DW-MRI phantom development (Dr. Boss) require no edits.

**Action Items**

- Dr. Zahlmann requested that committee members provide input to Dr. Barboriak for the T1 Mapping Software Evaluation by Tuesday, June 25<sup>th</sup>.
  - RSNA Staff will circulate the information.

**Next t-con:** Wednesday, June 26<sup>th</sup> at 11AM (CDT)