

QIBA DCE-MRI Technical Committee Update Call

Wednesday, February 8, 2012

Call Summary

In attendance

Guudrun Zahlmann, PhD (Co-chair)
Edward Jackson, PhD (Co-chair)
Edward Ashton, PhD
Daniel P. Barboriak, MD
Michael Boss, PhD
Martin Buechert, PhD
Claudia Calcagno, MD, PhD
Paul L. Carson, PhD
Barbara Croft, PhD

Daniel Gembris, PhD
Alexander Guimaraes, MD, PhD
Rajan Jain, MD
Hendrik Laue, PhD
Jiachao Liang, PhD
Chen Lin, PhD
Estanislao Oubel, PhD
Thorsten Persigehl, MD
David E. Purdy, PhD
Mark Rosen, MD, PhD

Mitchell Schnall, MD, PhD
Daniel C. Sullivan, MD
Gerald L. Wolf, PhD, MD
Ona Wu, PhD
Xiangzhi Zhou, PhD

RSNA

Joe Koudelik
Madeleine McCoy

February 1, 2012 QIBA Steering Committee Meeting Update (Dr. Jackson)

- QIBA processes and procedures reviewed
- Profile and protocol development discussed
- NIBIB Future Funding (Dr. Sullivan)
 - Technology gaps identified via Profile development may lead to new projects slated for additional NIBIB funding
- DWI approved as new biomarker under the DCE-MRI Tech Ctte; identifying membership is the group's next charge; name change of DCE-MRI Tech Ctte suggested to reflect this additional focus
- Decision to be made on next objectives
 - DWI
 - B1 Mapping
 - Parallel Imaging
 - OIA: Ongoing database discussions with Mr. John Freymann (TCIA)

Phantom Analysis Software Update (Dr. Ashton)

- RSNA FTP server hosting phantom analysis software package and the user manual
- Dr. Jackson is in the process of adding DCE-MRI Phantom (v2) image data to the FTP site
- Beta-testing is open to Tech Ctte members with feedback to be provided by mid-March pending availability of test data
- Software is not open source, but is freely distributable as an executable on Windows platforms
- At this time there, is no planned software maintenance, but future updates are possible

Next Steps

- DCE-MRI Technical Committee members interested in Beta-testing the phantom analysis software should contact Joe Koudelik at RSNA: jkoudelik@rsna.org
- Dr. Zahlmann to follow-up with Dr. Jackson as to when the phantom image data will be available on the FTP site for downloading
- DWI deemed a high priority; Dr. Boss to draft a DWI project outline for discussion on the next t-con
- Drs. Purdy, Barboriak and Rosen to frame groundwork projects based on 3T and Parallel Imaging topics
- Next call scheduled for Wednesday, Feb 22, 2012 at 11 am CST