

QIBA DCE-MRI Technical Committee Update
Wednesday, September 14, 2011 at 11 AM CDT

Call Summary

In attendance

Gudrun Zahlmann, PhD (Co-Chair)
Sandeep N. Gupta, PhD (Co-Chair)
Natalie Adolphi, PhD
Daniel P. Barboriak, MD
Michael Boss, PhD
Andrew Buckler, MS
Paul L. Carson, PhD
Daniel Gembris, PhD
Rajan Jain, MD
Gregory Karczmar, PhD
Jiachao Liang, PhD
Thorsten Persigehl, MD
David E. Purdy, PhD

Mark Rosen, MD, PhD
Annette Schmid, PhD
Mitchell Schnall, MD, PhD
Michael Steckner
Ying Tang, PhD
Daniel C. Sullivan, MD
Hui Jing Yu

RSNA

Fiona Miller
Joe Koudelik
Madeleine McCoy

Brief Overview of Public Comment Phase for Profile v1.0 (Dr. Gupta)

- The group decided to extend the review time to the end of September in order to receive comments from Dr. Padhani
- Dr. Guimaraes will finalize the minor Profile comments/ edits soon
- Appendix listing vendor specific scanner parameter details needs to be uniformly formatted
 - Dr Gupta to follow-up within GE for scanner performance details based on template (format) provided by Siemens (ie, level of detail)

Summarize experiences from the FDA Biomarker Qualification Review Process: Lessons Learned/ Next Steps

- Designating one Profile editor worked well and Dr. Guimaraes was commended to for his achievements
- The editorial process outline devised was followed and was a very successful guide
- Dr. Zahlmann reported the success Roche is experiencing while using the protocol
- More proactive experts should be contacted for feedback and the wait time for feedback should be enforced
- QIBA Tech committees should share their experiences regarding this process
- Possibilities of whom should be included on field tests---some suggestions included: CT group, Pharma Group, NCI, CPEC, NCCN, AACR, CDISC, NIBIB

RSNA 2011 Poster (Completed posters due RSNA by Friday, November 4, 2011)

- The DCE Profile is to be the focus of this year's Tech Ctte poster at RSNA

Continued Discussion from the QIBA Annual Meeting in May 2011

- Work on Profile 2.0 based on phantom and test-re-test study results
- Extension of DCE efforts to include Diffusion Weighted MR (DWI)
- Continue work on the Profile and Protocol in parallel

Next steps:

- Dr Zahlmann to follow up with Dr Padhani to receive comments by the end of September
- Post the version 1.0 of the profile to the QIBA WIKI once it is finalized
- The QIBA Steering Committee will discuss the next steps regarding Profile field tests
- Once finalized, Dr Shankar (NCI) to be notified that the DCE-MRI Profile (v1.0) is ready for use
- Dr Barboriak to host the call, QIBA DCE-MRI Synthetic Data on 9/29/11 at 12pm (CT)
- The next QIBA DCE-MRI call is scheduled for Wednesday, September 28, 2011 at 11 am CDT