

QIBA DCE-MRI Technical Committee Update
Wednesday, September 28, 2011 at 11 AM CDT

Call Summary

In attendance

Gudrun Zahlmann, PhD (Co-Chair)
Edward F. Jackson, PhD (Co-Chair)
Sandeep N. Gupta, PhD (Co-Chair)
Natalie Adolphi, PhD
Daniel P. Barboriak, MD
Michael Boss, PhD
Orest B. Boyko, MD
Andrew Buckler, MS
Martin Buechert, PhD
Paul Carson, PhD
Barbara Croft, PhD
Daniel Gembris, PhD
Marko Ivancevic, PhD
Rajan Jain, MD

Gregory Karczmar, PhD
Chen Lin, PhD
David E. Purdy, PhD
Mark Rosen, MD, PhD
Michael Steckner
Ying Tang, PhD
Daniel C. Sullivan, MD
Gerald L. Wolf, PhD, MD

RSNA

Joe Koudelik
Madeleine McCoy

Overview of Public Comment Phase for Profile v1.2 (Dr. Jackson)

- The group discussed Profile comments submitted by Dr. Padhani
- Dr. Guimaraes will finalize the Profile comments/edits soon
- Supporting content for Profile Claim(s) must be substantiated with published literature
- It was agreed that additional quality assurance (QA) topics should be addressed in a Protocol, not the Profile
- Balance needed between a self-contained Profile/Claim vs. an educational document
- The decision was made to maintain the “exclusion of prior Gd in the previous 24 hrs” guidance due to the published test-retest literature and concerns regarding potential Gd retention in lesions if repeat scans are performed earlier than that time
- More literature references should be provided on population average AIF and tissue reference techniques
- Use of the QIBA name/logo by vendors concerning compliance issues discussed
- It was agreed that the Profile should state that the use of magnetization preparation pulses, including fat suppression pulses, while helpful in certain anatomical regions, is not specifically addressed by the Profile

RSNA 2011 QIBA Tec Ctte Posters

- The DCE Profile is to be the focus of this year’s Tech Ctte poster at RSNA
- Completed posters due RSNA by Friday, November 4, 2011

Next steps:

- RSNA staff to post updated Profile version on the WIKI once comments are incorporated
- Dr Barboriak to provide alternate text for Profile line number #154 (regarding the post-biopsy period)
- Dr Jackson will provide a summary of the specific recommendations to address items 1-23 in Dr Padhani’s comments to Dr Guimaraes, as well as an annotated copy of the Version 1.2 Profile
- The next QIBA DCE-MRI call is scheduled for Wednesday, October 12, 2011 at 11 am CDT