QIBA DCE-MRI Technical Committee Update
Wednesday, October 12, 2011 at 11 AM CDT

Call Summary

In attendance

Edward F. Jackson, PhD (Co-Chair)

Sandeep N. Gupta, PhD (Co-Chair)

Daniel P. Barboriak, MD

Michael Boss, PhD

Paul Carson, PhD

Barbara Croft, PhD

Daniel Gembris, PhD

Alexander Guimaraes, MD, PhD

Rajan Jain, MD

Thorsten Persigehl, MD

Janie Petti, RT (R) (CV) (MR)

David E. Purdy, PhD

Ying Tang, PhD

Hui Jing Yu

RSNA

Joe Koudelik

Madeleine McCoy

Overview of Public Comment Phase for Profile v1.3 (Dr. Jackson/Dr. Guimaraes)

- Tissue-based vascular function needs to be better addressed in the Profile; Dr Guimaraes welcomes all feedback/references
- Dr. Guimaraes to follow-up with Drs. Buechert, Ashton, Jackson and Gupta regarding normalization wording regarding the post arrival of contrast per voxel.
- Test subject data discussed: Dr. Guimaraes to follow-up with Dr. Rosen regarding proper Profile section wording concerning patient data detail required in the ACRIN test re-test study Drs. Jackson, Gupta and Ivancevic to create a uniform scanner performance appendix in a more readable, "user-friendly" format; Dr. Guimaraes to imbed in profile once complete.
- Compliance focus in the DCE-MRI Profile
  - Questions to be considered: How is compliance determined through QIBA, or the vendor? Is QIBA review needed, or is the vendor to self-certificate?
  - The group would like to ask for input from the QIBA Steering Committee on how IHE handles their compliance issues.
  - Dr. Jackson would like the group to look at Section IV of the profile and to frame compliance in the perspective of user vs. vendor.

RSNA 2011 QIBA Tech Ctte Posters
- The DCE-MRI Profile is to be the focus of this year's Tech Ctte poster at RSNA
- Drs. Guimaraes and Jackson to adapt the key DCE-MRI Profile's concepts to the poster format
- RSNA Staff to send the poster template to Dr. Guimaraes
- Completed hard-copy posters due to RSNA by Friday, November 4, 2011

Next steps:

- The next QIBA DCE-MRI call is scheduled for Wednesday, October 26, 2011 at 11 am CDT
  - Mr. Rick Avila will be discussing the OIA user requirements documents; all committee members are encouraged to review this material before the call
  - RSNA staff to send the 2010 poster template to Dr Guimaraes for reference
  - Next TC call to focus on finalizing poster content on Oct 26th