

QIBA DCE-MRI Technical Committee T-Con
January 5, 2011 at 11 am CST

Call Summary

In attendance

Gudrun Zahlmann, PhD (Co-chair)
Edward F. Jackson, PhD (Co-chair)
Sandeep Gupta, PhD (Co-chair)
Daniel Barboriak, MD
Michael Boss, PhD
Orest B. Boyko, MD
Andrew J. Buckler, MS
Martin Buechert, PhD
Igor D. Grachev, MD, PhD

Alex Guimaraes, MD, PhD
Michael Knopp, MD, PhD
Guoying Liu, PhD
David E. Purdy, PhD
Mark Rosen, MD, PhD

RSNA Staff

Fiona Miller
Madeleine McCoy

Phantom Project Update

- Data from UC Davis undergoing analysis by Dr. Ashton
- Dr. Jackson plans to have cohesive set of data for presentation to group on January 19.
 - Group to make decision to wrap up project or collect additional Philips data at that time
- Proposal for New QIBA phantom production submitted to QIBA for consideration

Project Proposals

- Five proposals submitted to DCE-MRI Technical Committee for consideration
- After completion of review and scoring process, QIBA Steering Committee will prioritize all proposals to help with funding decision
- Funding decision expected by early February

Profile Discussion

- Sections have been completed and final draft is now ready for work on references
 - Currently, high-level sections citing 25+ references
 - Need to reduce to 4-5 seminal papers
 - Suggest citing a few prominent review articles that include more comprehensive references; will help avoid author bias
 - Similar approach needed in technical sections
 - Need input from clinicians
 - Drs. Gupta, Jackson, Rosen and Knopp to help with this task
 - Imaging protocol section needs additional references
 - Recommend including methods to meet test/retest Claim
 - Guidance on T1 values needed
 - May need to review literature for appropriate models for inclusion
 - Revised references due to Dr. Gupta by 1/10
- Dr. Gupta to merge reference revisions and disseminate to DCE-MRI Technical Committee for review
 - Goal to complete final review by 1/19 in preparation for release for public comment period
 - Reviewers should check that previous centric focus on abdominal application has been broadened sufficiently

Public Comment Period

- Public Comment procedure needs clarification
 - To be discussed by QIBA Steering committee, as applicable to all modalities
- Suggestion to issue invitation to include announcement of public comment period, identification of location of document, process for submitting comments, invitation to share with experts in the field
- First step to develop a strong extended contact list to include specific names of known experts
 - Proactive approach to supplement open call
 - Dr. Knopp to facilitate sharing list with ISMRM for additional input
 - ISMRM Cancer Study Group most applicable resource
 - List should include representatives from all stakeholder groups
 - Academics, clinicians, hardware and software manufacturers, and pharma
- Time limit of public comment period needs to be defined

- Currently 30 days with and additional 30 days to resolve any issues
 - Consider having some overlap, if necessary
- RSNA staff to organize alias e-mail for profile feed back
 - Recipient list tbd

Next Meeting

- DCE-MRI Technical Committee Call 1/19/11 @ 11am (CST) to discuss Claim reference cleaning

Next Steps:

- Reference revisions due to Dr. Gupta by 1/10/11
- Dr. Gupta to incorporate all reference updates and distribute clean copy by 1/12
- All to review and make suggested revisions by 1/18
- Names, institutions and e-mail addresses for additions to distribution list to be submitted to Dr. Zahlmann
- Next call scheduled for: Jan 19, 2011 at 11 am CST