

QIBA DCE-MRI Subcommittee Update
November 10, 2010 at 11 AM CST

Call Summary

In attendance	Jiachao Liang, PhD
Gudrun Zahlmann, PhD (Co-chair)	David E. Purdy, PhD
Edward F. Jackson, PhD (Co-chair)	Mark Rosen, MD, PhD
Sandeep N. Gupta, PhD (Co-chair)	Daniel C. Sullivan, MD
Michael Boss	
Andrew J. Buckler, MS	
Michael H. Buonocore, MD, PhD	RSNA
Gregory Karczmar, PhD	Joe Koudelik
Michael Knopp, MD, PhD	Julie Lisiecki

Profile Update

- Dr Gupta continues to update the Profile with contributions from subctte members; additional assistance still needed
- Need to explicitly state what reference material is supportive of stated Profile Claims; need to match references to Claims
- Dr Gupta to revise content in Claims section to determine if all key reference are provided
- Dr Jackson to send IAUGC references to Dr Gupta
- ACRIN Multi Center Clinical Trials Multi Center Trials Update
 - No real project beyond brain and liver DCE studies currently being pursued
- Need to address all work already done with phantoms and data analysis
- Current DCE-MRI phantom image acquisition could be recommended, but analysis detail still needed
- Use of phantom strongly recommended; need to stand behind acquired data
- Need to define what a phantom is to assess, followed by acquisition and analysis strategies
- More site experience in DCE-MRI needed, but care needed not to “raise-the-bar” too high as to limit site participation
- Dr Jackson to add this content to the Profile
- Delete “Volunteer Scanning” section text from the Profile
- Contra-indications to imaging may be removed and replaced with on-site specifications; cannot possibly list all contra-indications
- Profile content to be kept generic due to many variables
- Proposed was to make Profile more generic to be better applicable to more scan sites
- Removing all FOV and aorta references would make Profile more applicable in a broader sense
- Including adaption to specific organ systems may be necessary
- Dr Gupta to follow-up with section authors and circulate an update version for feedback
- Dr Purdy has sent in imaging section content with a vendor neutral point-of-view
- Dr Ashton to forward content pertaining to data analysis
- Dr Knopp to draft clinical POV for Profile
- Next call scheduled for Nov 17th to finalize the Profile

Poster Update

- General introduction for the DCE-MRI Subcommittee
- DCE phantom update based on version 1; version 3 may be introduced
- Preliminary data with experimental R1 results
- Introduce DCE Profile and Claims based on preliminary data
- Describe what Profile will address and what is expected from this group in the future
- Dr Jackson to circulate poster for feedback, make last revisions, print and hand-deliver poster to RSNA

Phantom Update

- UC Davis (Dr Buonocore) received phantom from Duke and is expected to begin scanning soon
- Data not expected to make it into 2010 QIBA DCE poster, but very useful for f2f QIBA working meeting on Dec 1 at RSNA

Next Steps:

- Next call scheduled for Nov 17th to finalize the Profile