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

Call Summary

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