QIBA DCE-MRI Chair Planning Group Update  
Friday, May 8, 2009  
11:00 am CDT

Call Summary

In attendance:

Gudrun Zahlmann, PhD (Co-Chair)  
Michael H. Buonocore, MD, PhD (Co-Chair)  
Jeffrey L. Evelhoch, PhD (Co-Chair)  
Andrew Buckler, MS  
Gregory Karczmar, PhD  
David E. Purdy, PhD

RSNA

Fiona Miller  
Susan Anderson  
Joe Koudelik

Discussion of Group activities at May 19-20 QIBA meeting:

During breakout sessions, Group will:

• Discuss ‘Harmonized approach to QIBA’
  o Alignment of activities of Technical Committees
• Review DCE-MRI protocol
• Discuss lessons learned and best practices related to phantom imaging activities; NCIA; image analysis; simulated data; Group’s present status and next steps; where human trials would come into place
• Discuss Group perspective of QIBA activities

Discussion leaders and presenters at May 19-20 Group breakout sessions:

Mr Buckler:

• Harmonized approach to QIBA
• Profiling activity which will involve interpreting activities in new terms/format
• Shifting to a common language between Technical Committees, i.e. consistent terminology between groups
• Accomplish a framework of what needs to be accomplished to mainline biomarkers

Dr Buonocore:

• Review of original plan and design philosophy
• Enumerate lessons learned and improvements needed from phantom experience
• Will present data and slide set on phantom experience with IRAT; data may illustrate need for change to pulse sequence in protocol

Dr Jackson:

• What we have learned from experiment, especially related to protocol

Dr Ashton:

• Data analysis, including preliminary data on new phantom

Dr. Karczmar:

• Protocol discussion based on latest version of written protocol

Dr Evelhoch:

• Test-re-test study w/ input from Drs. Schnall and Rosen
NIIB proposal

- Proposal has two sections
  - Addresses IIBE program infrastructure and three projects, one from each QIBA effort, and series of tasks and objectives on program and project level
- Proposal will be sent to chairs for review before discussion at May 19-20 meeting

Next Steps:

- Dr Zahlmann will:
  - Send latest copy of protocol to Dr Karzcmar
  - Schedule a phone call with Mr Buckler prior to May 19-20 mtg
- Dr. Evelhoch to contact Dr Ashton (data analysis) and Dr Schnall (trial activity)
- Drs Zahlmann and Evelhoch will discuss proposed agenda for breakout sessions at May 19-20 QIBA meeting
- Committee members should log in to National Cancer Imaging Archive (NCIA) using passwords recently e-mailed from NCIA and become familiar with site and database; identify questions to be relayed to NCIA
- Chairs to review NIIB proposal to be sent by Dr Sullivan prior to May 19-20 meeting
- Begin preparation to send one phantom to UChicago (Dr Karczmar)
- Activities for RSNA 2009 – presentation of milestones