Call Summary

In attendance:

- P. David Mozley, MD (Co-chair)
- Maria Athelogou, PhD
- Hubert Beaumont, PhD
- Andrew Buckler, MS
- Paul L. Carson, PhD
- David A. Clunie, MBBS
- Patricia Cole, PhD, MD
- Barbara Croft, MD
- Heidrun Endt
- Steven Federici, BS, RT
- Charles Fenimore, PhD
- Kavita Garg, MD
- Paul Garrett, MD
- Robert Gillies, PhD
- Gregory Goldmacher, MD, PhD
- David Gustafson, PhD
- C. Carl Jaffe, MD
- Hyun Grace Kim, PhD
- Michael McNitt-Gray, PhD
- David Miller, PhD
- Kevin O’Donnell, MASc
- Nicholas Petrick, PhD
- Ann Scherzinger, PhD
- Neil Steinmetz, MD, JD
- Binsheng Zhao, DSc

RSNA:
- Joe Koudelik
- Madeleine McCoy

University of Colorado Project Update (Dr. Garg)

- Primary objective of this study is to extend the characterization of the solid nodule measurement performance from earlier QIBA studies, to the part-solid case
- Hypothesis
  1. The absolute percent error in part-solid nodule tumor measurements will be less than or equal to 15% (the QIBA Solid Nodule > 10mm claim)
  2. Dose will not significantly affect the percent error measurement
  3. Part-solid nodules will exhibit increased inter-reader and intra-reader measurement variability, compared to that seen in solid nodule studies
- Fixed-lung window, multiple slice thickness, randomization of reads and analysis component discussed
- Delivery of semi-solid nodules expected April 10; Drs Scherzinger and Miller scanning solid lesions in preparation
- Comprehensive study design being finalized for Tech Ctte Co-chair review
- Noted was that the Tech Ctte has no standard operating procedures or policies in place to review scientific project material yet; no formal clearance process has been established
- Next steps for the Colorado project (after NIBIB funding ends) requires further group discussion

QIBA Vol-CT AdvDisease v2 Public Comment Profile Feedback

- Another follow-up work session proposed for a 2 hour block; scheduled for Friday, March 23 at 2-4 PM CT
  - Associated homework assignments will be due 2 days prior to the 2-hr work session
  - The group still expects to complete the process prior to the annual meeting in May

Schedule Updates:

- March 26th: open with Dr Athelogou/3A, working the plan during the update, then resolve profile issues
- April 2nd: open with Dr Fenimore/1C, working the plan during the update, then resolve profile issues
- April 9th: open with Dr Zhao/3B, working the plan during the update, then resolve profile issues
- April 16th: spend the whole meeting on organizing for new NIBIB application

Next Steps:

- To maintain current momentum, the group decided to continue hosting weekly calls until all project updates are completed (~April 16), then revert to a bi-weekly call schedule moving forward.
- Dr Athelogou to draft a QIBA Project 3A update for group distribution by Thursday, March 22nd
- Reminder that these project updates are to focus on a business plan, or the “business of science” perspective, not intended as a scientific/technical update
- Revisit the strategic plan to map out current and future project and committee resources/ needs
- Next call scheduled for Monday, March 26th at 11 am CT