

QIBA Volumetric CT Group 3A Update

Thursday, May 3, 2012; 11:30 AM CT

Call Summary

In attendance

Maria Athelougou, PhD (Chair) Alden Dima, MS
Hubert Beaumont, PhD Hyun Grace Kim, PhD
Dirk Colditz, PhD Ying Tang, PhD

RSNA

Joe Koudelik
Julie Lisiecki

Pivotal Study Update

- 7 Pilot participants and 3 new contacts have shown interest
- No data submitted yet

Update and Overview of Manuscript Progress

- Dr. Athelougou – using Volcano '09 as a template for formatting the group's paper
- 4000 words vs. a 15-page manuscript
- Maximum of 20 references and 4 tables or images
- Group members asked to plug in available information into the manuscript template
 - **Introduction**...Dr. Athelougou
 - Context of problem of volumetric image analysis...Drs. Athelougou and Colditz
 - Context of QIBA, i.e., what is QIBA and how does 3A fit...Mr. Buckler
 - **Materials and Methods**...Messrs Buckler and Dima, and Dr. Kim
 - Data description
 - Physical methodology of Pilot study
 - **Results**... Messrs Buckler and Dima and Dr. Kim
 - Variability and bias plots
 - **Discussion**...Dr. Athelougou
 - **Conclusion**...Dr. Athelougou
 - **References** (20 max) ... Volcano study, FDA materials, PubMed articles
- The group's self-imposed deadline will be 1st week in July 2012 to have the manuscript completed
 - Reminder: Internal NIST review needs 2-3 weeks

Pilot Study Analysis Update

- Dr. Kim to forward preliminary analysis to team for review and feedback
- Dr. Kim to prepare separate summaries based on individual participants

Next steps:

- Group members asked to plug available information into the manuscript template ,for review on next call
- RSNA Staff to request permission for participant company/institution names be referenced in publications (disassociated from any link to submitted data)
- Dr Kim to forward preliminary analysis to team for review and feedback
- Individualized final results are being prepared by Dr. Kim for Pilot Participants to receive by mid-May
- Sections authors to work off-line towards first draft
- Final selection of journal for publication to be determined

Next call: **Thursday, May 10, 2012 at 11:30 AM CT**