

QIBA Volumetric CT Group 3A Update
Thursday, 24 April 2014 at 11:30 AM CT
Call Summary

In attendance

Maria Athelougou, PhD (Chair)
Samuel Armato, PhD
Hubert Beaumont, PhD
Andrew Buckler, MS
Heang-Ping Chan, PhD

Marios Gavrielides, PhD
Lubomir Hadjiiski, PhD
Leon Lenchik, MD
Adele Peskin, PhD
Nicholas Petrick, PhD

Jenifer Siegelman, MD
Ying Tang, PhD
Pierre Tervé, MS
Binsheng Zhao, DSc

RSNA

Joe Koudelik
Julie Lisiecki

Update: Status of the Paper for the Pilot/Pivotal Challenge

- Dr. Athelougou plans to submit the NIST-approved version of the paper to *Investigative Radiology* for the special issue on quantitative imaging, by the May 31st deadline.
- To be included in the paper, co-authors are required to submit a copyright transfer form, per *Investigative Radiology*.
 - RSNA staff will send out a notification to the 29 co-authors, indicating a May 10th deadline for submission
- While the copyright transfer form must be sent to the editor at *Investigative Radiology*, co-authors will be requested to copy Dr. Athelougou, Mr. Buckler and RSNA staff, for record-keeping purposes.

Update: Paper for the Clinical Challenge

- For the clinical challenge paper, a request will be sent out asking investigators to designate one person as primary investigator/ co-author if there is more than one person per team.
- RSNA staff will circulate a draft of the clinical challenge paper to participants for review and comment prior to publication. Comments may be sent directly to Mr. Buckler: andrew.buckler@elucidbio.com.

CT Volumetry Profile discussion with regard to Image Analysis

- Analysis from this paper will help to inform the claim for the QIBA CT Volumetry Profile on Advanced Disease/Tumor Volume Change.
 - The *Image Analysis Working Group*, a subgroup of the CT Volumetry Technical Committee, is using groundwork from the Group 3A study and folding it into a revised claim statement
 - Mr. Buckler is seeking feedback on the revised claim segment (approximately 4 pages) from all Group 3A members *and* members from Image Analysis. Comments may be sent directly to Mr. Buckler: andrew.buckler@elucidbio.com.
 - The group plans to discuss this on the next group call, May 8th.

Future work of Group 3A

- Dr. Athelougou asked group members to consider practical suggestions for the future work of Group 3A.
- Questions to consider include:
 - What is the most important work that should continue?
 - What are the necessary conditions and context?
 - Suggestions welcome to Dr. Athelougou: Mathelougou@definiens.com.

Action items:

- Dr. Athelougou will invite a MICCAI representative to give a presentation about comparison of challenge methodologies for the statistical evaluation of algorithm results.

Next call: Thursday, **May 8, 2014** at 11:30 AM CT.