

QIBA Volumetric CT Group 3A Update
Thursday, 15 January 2015 at 11:30 AM CT
Call Summary

In attendance

<i>Maria Athelougou, PhD (Chair)</i>	Steve Metz, PhD	Daniel Sullivan, MD
Hubert Beaumont, PhD	Nancy Obuchowski, PhD	Ying Tang, PhD
Andrew Buckler, MS	Michael O'Connor, PhD	Pierre Tervé, MS
Marios Gavrielides, PhD	Adele Peskin, PhD	Huseyin Tore, MD
Lubomir Hadjiiski, PhD	Ehsan Samei, PhD	Amit VasANJI, PhD

RSNA

Joe Koudelik
Julie Lisiecki

Paper in Review: Inter-algorithm Performance Investigation Studies

- A manuscript based on the phantom study component is in review at *Academic Radiology*

Clinical Paper Update

- Dr. Peskin is collecting final approval signatures and will distribute a revised version based on NIST reviewer comments
- The paper will then be forwarded to the FDA for review, facilitated by Dr. Gavrielides

Abstract Submission for [MICCAI 2015](#) (Munich, Germany)

- The group is working to submit and abstract for the conference
 - If the abstract is accepted, Mr. Buckler will present and the timeline to complete the clinical paper will be accelerated

Upcoming QIBA-QIN Collaboration Call for CT Volumetry Biomarker Committee

- Drs. Athelougou and Kalpathy-Cramer to communicate via email and develop an agenda for the call on Monday, January 26th at 11 am CT, looking for primary common issues for discussion

Project Ideas Under Consideration

- A study design activity using image analysis that may be part of a larger CT Volumetry effort in-the-works
- Collaborative projects with and without funding should be considered
- Another algorithm challenge
- Hybrid-lesion project
- Development of use cases
- Work to support a field test for the CT Volumetry Profile (Mr. Buckler and Dr. Obuchowski to lead effort)
 - A major hurdle in designing a field test is the lack of volunteer participants

Ideas for Group 3A Planning (Dr. Samei)

- Dr. Samei suggested QIBA leaders delineate open-ended questions for QIBA Group 3A to tackle in the next 3 – 5 years
 - He also suggested that it would be helpful if 3A members outlined 4-5 main challenges to pursue and develop some sketches, blueprints, or proposed plans to use as study designs
 - He proposed adding on a ½ day or full day to the QIBA Annual Meeting to provide additional face – to – face time for groups to work with their teams, uninterrupted
 - He pointed out that the fragmented nature of the conference calls does not always lend itself to completion of projects

Next call: February 19th at 11:30 am CT / Group focus is to brainstorm possible study designs