

QIBA Volumetric CT Technical Committee Update Call

September 26, 2011 at 11 AM CDT

Call Summary

In attendance:

P. David Mozley, MD (Co-chair)
Andrew Buckler, MS
Baiyu Chen, PhD
David Gustafson, PhD
Philip Judy, PhD
Andy Jurasz, MD, PhD
Michael McNitt-Gray, PhD
Alec Megibow, PhD
James Mulshine, MD
Kevin O'Donnell
Nicholas Petrick, PhD

Anthony Reeves, PhD
Yuanxin Rong, MD, MPH
Neil Steinmetz, MD, JD
Ying Tang, PhD
David Vining, MD
Hiro Yoshida, PhD

RSNA:

Joe Koudelik
Madeleine McCoy

Topics for discussion

1. VolCT Tech Ctte poster update for RSNA 2011 kiosk area
2. Input for the QIBA/RIC Task Force f2f meeting in Chicago

VolCT Tech Ctte poster update for RSNA 2011 kiosk area

- Dr Mozley provided an overview of the 2010 VolCT TC poster presented at last year's RSNA Annual Meeting
- [2010 QIBA Kiosk posters](#) are available on the wiki for reference
- What is needed is a symmetrical, well balanced, colorful poster with 5 columns dedicated to specific project content
- High resolution (jpeg/tif) and PowerPoint images be submitted directly to Dr Mozley for Merck's Graphic's Department to work with; a common file naming convention would make this process more efficient as well
- Deadline for submitting material to Dr Mozley will be by mid-October to meet the RSNA deadline of November 4th, 2011

Project leader updates for kiosk poster

- 1A - Dr Petrick to provide reiteration of results for the 1A study; also for use in the introductory section
- 1B - Dr McNitt-Gray to provide preliminary details; no definitive results needed
- 1C - Dr Fenimore to provide update
- 3A - Dr Athellogou to provide statement of 3A challenge goals
- 3B - Dr Zhao to provide update
- Duke project – Dr Chen and Samei to provide update
- U Colorado project – Dr Garg/Scherzinger/Miller to provide update
- Profile development – Mr O'Donnell to provide overview of what the VolCT Tech Ctte has done with Profile development (i.e., acquisition protocol, segmentation analysis, QA, certification methods, etc) "What is a Profile" detail not needed; this will be provided on the QIBA kiosk for general reference

<p>Introduction; Buckler/Mozley</p>	<p>1B Summary Reflect on the original and the current change in the workflow: McNitt-Gray</p>	<p>1C Summary Restatement of 2010 poster text plus expected preliminary results for 2011: <u>Fenimore</u></p>	<p>Duke Project Summary: Chen to discuss with <u>Samei</u></p>	<p>3A Statement of Challenge Goals; Athellogou</p>
<p>1A Results; <u>Petrick</u></p>			<p>Colorado Project Summary: <u>Garg/Scherzinger</u> /Miller</p>	<p>3B Summary; Zhao</p>
				<p>Profile Piece; O'Donnell</p>

Note: Proposed size restriction for each segment/column is: 15.2" x 47"

Input for the QIBA/RIC Task Force f2f meeting in Chicago

- Dr Zahlmann and Mr Avila, co-chairs of the [Open Image Archives \(OIA\) Ad Hoc Committee](#), have developed a detailed spreadsheet of user requirements and use cases which cover QIBA technical and informatics-based services based experimental groundwork projects
- QIBA/RIC Task Force is to pursue the archival of raw image data from CT studies (i.e., clinical applications)
- Architecture needs to be available for long-term storage of raw image data in DICOM format for retrospective data mining
- QIBA/RIC TF meeting in Chicago on Sept 27; details of meeting will be discussed on the next VolCT call

Outreach needed

- Need to reach out to the radiology community, demonstrate value to RSNA membership and promote global awareness of QIBA efforts
- Quantitative Imaging / Imaging Biomarkers (QIIB) Task Force provided supportive external review of QIBA activities and direction (i.e., have confirmed QIBA direction and goals)

Next steps:

- All drafts of poster materials will be discussed on the next call, Monday, Oct 3, 2011
- QIBA/RIC Task Force f2f meeting in Chicago update
- Reminder: Next VolCT TC call scheduled for Monday, October 3, 2011 (no call scheduled for Oct 10th)