

QIBA CT Volumetry Biomarker Ctte (BC) Call

24 April 2017 at 11 AM CT

Call Summary

In attendance:			RSNA:
Gregory Goldmacher, MD, PhD, MBA (Co-Chair)	Rudresh Jarecha, MBBS	Eric Perlman, MD	Joe Koudelik
Jenifer Siegelman, MD, MPH (Co-Chair)	Yongguang Liang, PhD, DABR	Nicholas Petrick, PhD	Julie Lisiecki
Heang-Ping Chan, PhD	James Mulshine, MD	Marthony Robins, PhD	
David Gustafson, PhD	Michael O'Connor, PhD	Na Sun, PhD	
Lubomir Hadjiiski, PhD	Kevin O'Donnell, MASC	Ying Tang, PhD	

Review prior call summary: April 3rd summary approved as submitted

Discussion included the following:

Leadership Announcement:

- Dr. Goldmacher announced that he will continue as a CT Volumetry BC co-chair but will be stepping down from the CT Coordinating Committee and QIBA Steering Committee roles
- Dr. Jarecha has agreed to accept the CT Coordinating Committee Co-Chair position

Modulation Transfer Function (MTF) language:

- Drs. Supanich, Robins, and Samei are collaborating on Modulation Transfer Function (MTF) and Z-axis resolution language in the Profile Checklist to aid technologists
 - Drs. Robins and Goldmacher to follow up with Dr. Samei regarding MTF language for the Profile

Profile Technical Confirmation Feedback:

- Mr. O'Donnell has summarized and categorized all Profile feedback in a more manageable feasibility checklist in a spreadsheet format, available for viewing on the CT Volumetry BC page of the QIBA wiki:
<https://docs.google.com/spreadsheets/d/1cyz0frvELb6Tq1EHjpHxnvjeUxotExnJ3OrKPdla30U/edit?usp=sharing>
- A small targeted TF comprised of various stakeholders, e.g., Drs. Goldmacher, Petrick, Robins, and Mr. O'Donnell, will meet independently via teleconference to resolve the few remaining open issues
 - The TF will report back to the BC on the regular Monday calls

Update: NPI Workshop

- Dr. Mulshine provided a brief update on the National Photonics Initiative (NPI) Workshop held in April
- There was discussion at the workshop regarding the [Cancer Moonshot](#) and how imaging will impact cancer research
- NPI has created its own Cancer Moonshot Task Force: there may be opportunities for collaboration
- The Small Lung Nodule Profile and a simplified conformance process are needed for imaging sites both academic and at the community level

Action items:

- Staff to distribute a Doodle poll for ad hoc TF calls for Profile issues (to be organized by participants)
- Additional spreadsheets for a regression module and coordinates for RIDER tumors are being compiled by Mr. Tervé
- Drs. Samei, Robins, and Supanich to collaborate on Z-axis resolution and MTF language for the Profile
- Those interested in a Texture/ Morphology TF are asked to respond via a Google link:
<https://goo.gl/forms/gEMkNNZuocj7twlk1>

Next Call: Monday, May 8, 2017 at 11 am CT – (Biomarker Committee)