

QIBA CT Volumetry Biomarker Ctte (BC) Call

08 February 2016 at 11 AM CT

Draft Call Summary

In attendance:

Gregory Goldmacher, MD, PhD, MBA (Co-Chair)
Hubert Beaumont, PhD
Andrew Buckler, MS
Heang-Ping Chan, PhD
Hubert Beaumont, PhD
Vadivel Devaraju, PhD
Charles Fenimore, PhD
Matthew Fuld, PhD

Ritu Gill, MD, MPH
David Gustafson, PhD
Lubomir Hadjiiski, PhD
Rudresh Jarecha, MBBS
Philip Judy, PhD
Claudia Kirsch, MD
John Lu, PhD
Nancy Obuchowski, PhD

Kevin O'Donnell, MASc
Eric Perlman, MD
Adele Peskin, PhD
Nicholas Petrick, PhD
Marthony Robins, PhD
Berkman Sahiner, PhD
Ying Tang, PhD

RSNA:

Joe Koudelik
Susan Weinmann

State of the Profile (Mr. O'Donnell)

- Work continues on the Profile; Mr. O'Donnell provided status updates on each section
- Drs. Kim and Obuchowski to work together to set up a range of numbers using a simple calculation of difference, as demonstrated by Mr. Avila's "calculator" at RSNA 2015's QIBA Working Meeting
 - As a result of reviewing these numbers, a new statement will be added in the Profile table and expected precision for alternative scenarios will be updated
 - A number in the middle of the confidence interval spectrum would be preferred
 - Dr. Obuchowski continues work on the Word document table; when complete, it will be sent to Mr. Buckler, et al.
- Types of parameter modifications were discussed
- Mr. O'Donnell to complete pending updates within the next couple of weeks
- More test image data sets are needed in order to complete section 4.4.1
- Dr. Fenimore to help with running assessment procedure on original scanners with parameters in the Profile
- Mr. O'Donnell to send Profile to be posted on the QIBA wiki and distributed to CT VOL BC members
- **Goal:**
 - Profile to be released for public comment / published version as soon as possible
 - Plan to publish a Profile with caveats if need be

Action items:

- Mr. O'Donnell to continue updating the Profile for BC comment and review
- Dr. Obuchowski to submit statistical data for Table 1
 - Plan for call on 2/22 to invite stakeholders to better understand goals of the Profile and value of QIBA

Next Call: Monday, Feb. 22 at 11 am CT | 2016 planning and review of the Profile and Next Steps