

QIBA PET Amyloid Biomarker Committee (BC) Call

14 April 2017 at 9:00 AM CT

Draft Call Summary

In attendance:

Eric Perlman, MD (Co-Chair)

William Bridge, MS

Dawn Matthews, MS, MBA

RSNA

Joe Koudelik

Satoshi Minoshima, MD, PhD (Co-Chair)

Rachid Fahmi, MSc, PhD

Rathan Subramaniam, MD, PhD, MPH

Julie Lisiecki

Anne Smith, PhD (Co-Chair)

Nancy Obuchowski, PhD

Jean-Luc Vanderheyden, PhD

Moderator: Dr. Perlman

Items to consider for the next version of the Profile (v2.0)

- Absolute quantification
- Atrophy correction

Getting the Profile to Public Comment

- Some technical open issues require finalization
 - These can be worked on as the Profile is prepared for public comment; they include:
 - Minimal kVP requirements – currently 80kVp minimum
 - PET scan calibration – re: slice to slice variability and use of end planes
 - 3D vs. 2D binning – text inserted Data Recon 2D/3D (Section 4.3)
 - Uniformity QC - consider reference to ACR / ACRIN core lab methodology
- Finalization of references including addition of missing references and organization of references will be performed during Public Comment review
- Formatting issues to be resolved include:
 - Adding the authorship list to Appendix A
 - Adding pictorial data/graphs from Dr. Klein back to Profile Appendix H
 - The images and graphs require a substantial amount of memory, which makes it difficult to send via email
 - This data includes example results from the ADNI study using qualification data
 - RSNA staff will assist with formatting issues
- Additional text updates to Appendix C include:
 - Definitions / Acronyms
 - Organization/ Societies
 - RSNA staff will assist with these updates
- After internal BC review has been completed, the Profile will be put to an Amyloid BC vote for Public Comment release, followed by a NM CC vote soon after
 - All are encouraged to provide specific contact names and emails tailored for the Amyloid BC Profile to RSNA staff for the dissemination list: jlisiecki@rsna.org
 - Dr. Perlman to draft an “QIBA introductory” email for organizations that may be unfamiliar with the QIBA initiatives; this was deemed an educational opportunity to showcase QIBA
- Dr. Smith will follow up with Drs. Boellaard, Kinahan and Lodge regarding three open physics items

Parallel tasks

- A testing procedure is needed for conformance: this will follow once the Profile is released for Public Comment
 - Dataset development for conformance testing is needed
- Acquiring data in support of / to enhance the Claim
- Checklist development

NM WebEx Schedule:

Apr 21: SPECT BC

Apr 28: NM Leadership (TBD)

May 05: FDG-PET BC

May 12: Amyloid BC

May 19: SPECT BC

May 26: NM Leadership (TBD)