

QIBA SPECT Biomarker Committee (BC)

Friday, July 15, 2016, 9 AM (CT)

Draft Call Summary

In attendance:

Yuni Dewaraja, PhD (Co-Chair)

P. David Mozley, MD (Co-Chair)

John Seibyl, MD (Co-Chair)

John Dickson, PhD

Yong Du, PhD

Eric Frey, PhD

Edward Jackson, PhD

Paul Kinahan, PhD

Robert Miyaoka, PhD

Nancy Obuchowski, PhD

Eric Perlman, MD

Anne Smith, PhD

Richard Wahl, MD

Johannes Zeintl, PhD

Brian Zimmerman, PhD

RSNA

Julie Lisiecki

Moderator: Dr. Mozley

General Profile Review

- Sections 2, 3, and 4 were discussed: revised claims, harmonization, gaps, and time lines
- Goals include the following:**
 - to briefly review all three measurands in Section 2
 - to set up an ad hoc task force to review Claim 2
 - to finalize content of Section 4
 - to harmonize organization of Sections 3 & 4 or leave as is
 - to identify all outstanding issues, and then either:
 - make editing assignments, or
 - park and delete any issues that will not be resolved prior to public comment (with notes)
 - [Specific details may be found in the PowerPoint slides provided by Dr. Mozley \(posted to the wiki\)](#)
- Additional concerns include:**
 - How to meet the claims
 - Finding the right wording for the performance statement at the end of the image evaluation section
 - Determining an acceptable level of reproducibility and repeatability
 - Providing details for the cross-sectional claim
 - Utilizing PPMI data effectively for the longitudinal claim (data is available to the public)
 - Figuring out how to use the DRO to test workstations and interpret data
 - Determining how to treat the QIBA discrimination claim
 - This may require a few additional ad-hoc calls
 - Dr. Mozley will determine a mutually agreeable time for calls to include Dr. Sullivan
 - Consensus on the claim is required prior to moving forward to Public Comment
- Action items:**
 - Drs. Dickson and Zimmerman plan to expand Section 3.20 and a corresponding segment in Section 4 regarding the use of phantoms and DROs
 - Dr. Seibyl may use one of the Tuesday task force calls to resolve some statistical questions with Dr. Obuchowski
 - All Profile editors are asked to not only make comments, but to provide solutions or proposed wording to resolve open issues

Nuclear Medicine WebEx Schedule

Committees (Fridays, 9 am CT):

SPECT Task Forces: (Tuesdays, 2 pm CT)

Aug 03: NM Coordinating Cttee @ 1:30 pm CT (Wednesday)

Aug 05: FDG-PET BC

Aug 12: Amyloid BC

Aug 19: SPECT BC

Aug 26: TBD

Aug 02: Image Acquisition / Processing for DaTscan – *Dr. Dewaraja*

Aug 09: Quantitative / Image Analysis – *Drs. Miyaoka and Seibyl*

Aug 16: Phantoms / DRO Group – *Drs. Dickson and Zimmerman*

Aug 23: Clinical / Literature Review – *Dr. Seibyl (Confirmed on 7/6)*

RSNA Staff attempt to identify and capture all committee members participating on WebEx calls. However, if multiple callers join simultaneously or call in without logging on to the WebEx, identification is not possible. Call participants are welcome to contact RSNA staff at QIBA@RSNA.org if their attendance is not reflected on the call summaries. [QIBA wiki](#)