

QIBA PET Tau Biomarker Committee (BC)

Friday, May 12, 2023, at 9 am CT

Call Summary

In attendance

Dawn Matthews, MS, MBA (co-chair)

Santi Bullich, PhD

Rachid Fahmi, MSc, PhD

Clara Ferreira

Norman Foster, MD

Michael Haas, BSc

Leonardo Iaccarino, PhD

Gregory Klein, PhD

Alison Long, MD, PhD

Nancy Obuchowski, PhD

David Scott, PhD

John Seibyl, MD

Jean-Luc Vanderheyden, PhD

Dean F. Wong MD, PhD

RSNA Staff

Julie Lisiecki

Discussion topics

- Update on literature search by specific tracers
- Tau profile claims
- Brief update on QIBA annual meeting with focus on Profile efficiency

Profile Process

- Volunteers have been gathering data by for each tracer via the literature (see below)
- Data have been organized in the Dropbox folder by tracer
- Tracers are being sorted into four categories (acquisition, test-retest, measurement, off-target binding)
- Will develop quantitative technical performance claims
 - The wCV information could provide basis for technical claim

Claims

- Ms. Matthews reviewed the amyloid claim approach and asked for input regarding claims and use cases
- Dr. Foster and Dr. Seibyl provided input regarding the nature of a cross-sectional claim(s) and relevance to clinical use

Next Steps

- **PI-2620:** Dr. Obuchowski to review assessment for imaging-specific data, possible request to Dr. Sanabria for additional values
- **AV-1451:** Volunteer was requested to extract metrics from the papers identified as Test-Retest by Ms. Ferreira; both Dr. Iaccarino and Ms. Ferreira have offered to help
- **MK-6240:** Volunteer to leverage Dr. Betthausen's work already begun and complete
- Others to add to the Dropbox spreadsheet where possible
- All to identify papers that will be used to generate claims for the Profile
- Julie to resend link to Dropbox to Dr. Wong
- Ms. Matthews to draft wording to capture cross-sectional claim discussion so that it can be an actionable part of Profile activities along with longitudinal claim(s)

Tracer literature leads

APN-1607	Drs. Navia, Campbell
AV-1451/Tauvid	Ms. Ferreira - has summarized articles and uploaded the spreadsheet Dr. Iaccarino and Ms. Ferreira have both offered to contribute
GTP-1	Dr. Sanabria – confirmed that one publication is available with another anticipated soon
MK-6240	Dr. Betthausen to coordinate with Ms. Long to complete spreadsheet
PI-2620	Dr. Bullich - has summarized articles and uploaded the spreadsheet
RO-948	Drs. Wong, Leuzy (in progress – Dr. Wong will provide publication list to Dr. Leuzy)

Reference shared

- Leuzy A, Binette AP, Vogel JW, et al. [Comparison of Group-Level and Individualized Brain Regions for Measuring Change in Longitudinal Tau Positron Emission Tomography in Alzheimer Disease](#). *JAMA Neurol*. Published online May 08, 2023. doi:10.1001/jamaneurol.2023.1067

Priority Task Forces: (Member list is has been posted here: ([link to Google doc](#)))

1. **Acquisition:** Adapt acquisition recommendations to tau
2. **Claim:** Test-retest and longitudinal literature or de novo analyses
3. **(deferred for 1 and 2) Measurement/analysis:** methods to address meningeal uptake AND other off-target binding
[tracer spreadsheet](#)

Prior and ongoing action items in process:

- **Link to [task force sign-up sheet](#)** (3 Task Forces – form #2)

Next Call: Friday, June 9th at 9 am CT {whole group}

Parties interested in joining the [QIBA LinkedIn](#) page for QIBA updates should visit: <https://www.linkedin.com/company/rsna-qiba>

- Task force calls will be scheduled independently by task force champions/leaders, who will have the responsibility of reporting back to the BC; Co-Chairs will follow up with Focus Area volunteers for next steps