QIBA PET Tau Biomarker Committee (BC)
Friday, October 13, 2023, at 9 am CT
Call Summary
Notes derived in part from Ms. Matthews' slides

In attendance			RSNA Staff
Tammie Benzinger, MD, PhD (co-chair)	Gregory Klein, PhD	Peter Ngum, MSc	Julie Lisiecki
Dawn Matthews, MS, MBA (co-chair)	Lauren Koenig, PhD	Nancy Obuchowski, PhD	
Charlie Chen, PhD	Richard Margolin, MD	Jean-Luc Vanderheyden, PhD	
Rachid Fahmi, MSc, PhD	Satoshi Minoshima, MD, PhD		

Profile Updates
- A draft Profile is now available for internal BC review (posted to Dropbox)
- All are asked to provide comments within the next two weeks – either by email to Ms. Matthews and Dr. Benzinger or by saving a redlined copy on Dropbox
- Drs. Koenig and Chen have completed data analysis as a comparator to test-retest literature
- Dr. Obuchowski has drafted some use-case examples
- Drs. Betthauser and Leuzy have been working on a manuscript, and Dr. Leuzy has submitted a Letter of Intent to the *Alzheimer's and Dementia* journal to explore possible publication
- No draft yet for cross-sectional claim(s); these are under consideration
- More ADNI data has been reviewed to corroborate flortaucipir values
- An off-cycle team call may be scheduled to discuss some of these updates
- Profiles can be submitted after December following the process posted on the QIBA Wiki
- It is important that the Profile will be used and supported, as well as to consider how it could be used in clinical practice, e.g., the future role of quantification in a clinical report
- Dr. Benzinger requested that clinicians add comments regarding clinical use to the Profile

Next Steps
- Refine Profile sections and consolidate input
- Feedback on manuscript content anticipated; Dr. Leuzy to send outline of PET Tau review portion
- Complete and review longitudinal claims and use cases
- Begin work on cross-sectional claim(s)
- Prepare technical conformance (clinical feasibility) in parallel

Meeting of BC members at Society Meetings
- The Clinical Trials on Alzheimer's Disease conference (CTAD) (Oct 24-27, 2023) and the 109th Scientific Assembly and Annual Meeting for RSNA (Nov. 26-30, 2023) are coming up, and PET Tau BC leaders would like to invite BC members to meet *informally* if attending either of these meetings.
- A Google form has been prepared to determine interest and who may be attending either of these meetings

Proposed Timeline
- Public comment timelines – minimum of 30 days is planned
- October – claims development / drafting
- November – intensive review and BC/CC voting
- December – public comment

Updated Schedule:

	August	September	October	November	December
Planning					
Decide on plan forward (Profile by year end)	✅				
Sign up for Profile ingredients		✅			
Claim Development					
Literature review	✅				
Initial wCV calculations based upon literature	✅				
Decision regarding pooling vs. separate wCV per tracer	✅				
Additional data (internal ADNI analysis, other)		▭			
Consensus wCVs		▭	▭		
Bias analysis for cross sectional claim(s)			▭		
Translate to Cases			▭		
Profile Drafting: Other sections (amyloid adaptation/tailoring)		▭	▭	▭	
Internal review				▭	
Public Comment and Incorporate Feedback				30 days	▭
Technical Confirmation (assuming same as amyloid)			▭	▭	
Final Profile Posting					▭
Manuscript Development					
Literature Review as context for claims		▭	▭	▭	
Profile description				▭	▭
Group Review and Submit					▭

References

QIBA PET Amyloid Profile	QIBA FDG-PET/CT Profile
QIBA SPECT Ioflupane Profile, v2 (example of cross-sectional claim)	
QIBA US SWS Profile (example of cross-sectional claim)	
QIBA LinkedIn page	QIBA Twitter page
QIBA Videos	
Consensus (Stage 2): Comment Resolution Spreadsheet	
Clinically Feasible (Stage 3): Feedback Resolution Spreadsheet	
http://tinyurl.com/QIBA-Public-Comment-Form	

Next Call: Friday, November 10th at 9 am CT {whole group}

11/10	PET Tau BC
12/08	PET Tau BC
12/08	Q4 NM Coordinating Ctte – 1 pm CT

QI Sessions and Activities at RSNA 2023 (McCormick Place, Chicago)

- *Building a Quantitative Imaging Research Study*, Tues., Nov. 28, 2023, from 11 am to 12pm CT. Room S405.

- *2023 QI Symposium: Sponsored by QIBA: Quantitative Imaging in the Era of Artificial Intelligence: Opportunities and Needs,* Wed., Nov. 29, 2023, from 2 to 4 pm CT. Room E253AB.