

## QIBA PET-Amyloid Biomarker Committee (BC) Call

8 March 2019 at 9:00 AM CT

Call Summary

### In attendance:

*Dawn Matthews, MS (Co-Chair)*

*Anne Smith, PhD (Co-Chair)*

*Satoshi Minoshima, MD, PhD (Co-Chair)*

Paul Kinahan, PhD

Eric Perlman, MD

Jean-Luc Vanderheyden, PhD

### RSNA

Joe Koudelik

Julie Lisiecki

**Moderator:** Ms. Matthews

### Working toward Profile Technical Confirmation (Feasibility Testing):

- The conformance process must be finalized
- Dr. Kinahan's amyloid DRO will be used for conformance testing
- Goal of DRO is either a "sanity check" that site processes are acceptable, or an error bar assessment for sites that do not realize their poor performance
- MIMVista, Siemens, and other vendors are interested in testing the new DRO
  - Dr. Kinahan will send DRO instructions to Dr. Smith and MIM colleagues for DRO evaluation
  - Dr. Kinahan also to follow up with colleagues at GE, including Dr. Wollenweber

### Questionnaire for Technical Confirmation (Feasibility Testing) Preparation:

- Ms. Matthews has been working on the draft questionnaire using [SurveyMonkey](#) for volunteer sites
- To develop the questionnaire, the ADNI and FDG protocols have been compared to extract questions that would apply to PET Amyloid
- Upon review of the FDG-PET/CT site questionnaire feedback, it was discovered that 12 checklist items had mixed or "Not Feasible" responses
  - The team is uncertain about how to address this pushback as it may also relate to the Amyloid Profile
  - It would be helpful to know why sites indicated that something is not feasible
  - Team members are asked to review the [current version of the FDG-PET Profile](#) for post technical conformance details
  - Ms. Matthews and Dr. Kinahan to better frame these questions by drafting a bulleted list to aid in discussion of this potential challenge
- Dr. Kinahan suggested that, the main focus of the checklist should be items that affect quantitative accuracy of the Profile
  - Input from the NM Coordinating Committee might be helpful, as well as guidance from the QIBA Process Committee
    - The next meeting of the QIBA Process Committee is Tuesday, March 19<sup>th</sup> at 3 pm CT
    - Dr. Kinahan, as a member of the Process Committee, can suggest items for discussion related to PET Amyloid questions

### QIBA Nuclear Medicine Schedule:

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The next scheduled QIBA calls will be as follows at **9 am CT** unless otherwise noted:

<b>3/22</b>	NM Leadership – TBD
<b>4/5</b>	FDG-PET BC
<b>4/9</b>	SPECT BC: TC <sup>99m</sup> @ 2pm CT
<b>4/12</b>	PET Amyloid BC
<b>4/19</b>	I-123 BC - TBD by co-chairs
<b>4/26</b>	NM Coordinating Committee @ 9 am CT