

## QIBA PET Amyloid Biomarker Committee

09 October 2015 at 9 AM CT

### In attendance:

#### Co-chairs:

Satoshi Minoshima, MD, PhD  
Eric Perlman, MD  
Anne Smith, PhD

#### Participants:

Susan De Santi, PhD  
Albert Guvenis, PhD  
John Hoffman, MD  
Paul Kinahan, PhD, FIEEE  
Martin Lodge, PhD

Dawn Matthews, MS, MBA  
Nancy Obuchowski, PhD  
Rathan Subramaniam, MD, PhD, MPH  
John Sunderland, PhD  
Brian Zimmerman, PhD

#### RSNA

Joe Koudelik  
Julie Lisiecki

### Discussion

- Dr. Kinahan announced that RSNA received a full two-year award from NIBIB for QIBA continued projects efforts
- RSNA staff are preparing all Round-5 sub-awards for Federal Contract Officer Approval (COA)

### Claim Update

- Dr. Subramaniam will provide updated supportive claim statistics for committee review within the week; subsequent work to be performed during the meta-analysis project will be based on 14 literature references
- Dr. Subramaniam inquired as to possibility and mechanism of acquiring 'gray literature data' (unpublished) from the radiotracer manufacturers to further inform the meta-analysis and consequently the amyloid Profile claim
- Members requested to provide citation of published literature for clinical trials where amyloid imaging was used for longitudinal assessment of amyloid burden with therapeutic intervention

### PET Amyloid BC Poster for RSNA 2015

- A draft poster was presented to the group. Main topic areas have been identified as follows:
  - Alzheimer's Disease: Summary and Societal Impact – **high level text needed**
    - Ms. Matthews volunteered to provide Alzheimer's background text
  - Imaging of Amyloid Burden with PET – **text needed**
    - Dr. DeSanti will provide content regarding imaging-pathology correlation
  - PET Amyloid Imaging
  - The Profile Claim
  - Year 2015 Funded Projects:
    - Physical Phantom – Dr. Sunderland will review current content and provide revisions
    - Digital Reference Object – Dr. Kinahan will provide draft content
  - Planned Activities in 2016
    - Funded Projects – Pls to provide summary text for inclusion in Poster
    - Profile
    - Checklist
    - Conformance Issues
  - Collaborative Groups and Societies / Stakeholders
  - QIBA organization chart highlighting NM groups to be included (TBD)
- Draft poster to be distributed to the BC – **Feedback requested to co-chairs by following Friday, 10/16**
- October 30<sup>th</sup> is the deadline for print-ready poster copy (i.e., PPT) to be sent to RSNA Staff

### Profile Review: Status / Plan

- Brain perfusion differences and different tracer uptake time points need to be reviewed
- Small task force proposed to accomplish these tasks via line-by-line review of the Profile
- 1-1.5 hour t-con to be scheduled within the next two weeks
- Interested volunteers are asked to contact Dr. Perlman – [ericperlman@gmail.com](mailto:ericperlman@gmail.com)

## Upcoming NM Call Schedule / Topics

- Drs. Kinahan and Sunderland to further explain the DRO and amyloid physical phantom respectively, and how these may be used in conjunction with the Profile to measure “conformance”

## Upcoming Proposed Nuclear Medicine Calls (Fridays, 9 am CT):

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### October:

- Oct 16: SPECT BC
  - Oct 23: [Combined NM BCs](#)
  - Oct 30: *Optional Poster call, if needed* (deadline for PPT file to RSNA)
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### November:

- Nov 6: FDG-PET BC
  - Nov 13: Amyloid BC
  - Nov 20: SPECT BC
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### December:

- Dec 11: Amyloid BC
- Dec 18: SPECT BC