QIBA PET Amyloid Biomarker Committee (BC) Call
13 October 2017 at 9:00 AM CT
Call Summary

In attendance:

| Dawn Matthews, MS, MBA (Co-Chair) | William Bridge, MS | Eric Perlman, MD | Joe Koudelik |
| Satoshi Minoshima, MD (Co-Chair) | Nancy Obuchowski, PhD | Jean-Luc Vanderheyden, PhD | Julie Lisiecki |

Moderator: Ms. Matthews

Reminders regarding RSNA 2017:
- QIBA Meet-the-Expert Sessions: Please use the Google sign-up sheet to volunteer for a lunchtime session
  - Select your specific BC from the colored TABS - changes will save automatically.
- QIBA Working Meeting, Wednesday, November 29, 2:30-6 pm
  - RSVP: Google Form
- Print-ready PowerPoint posters due by October 31st to RSNA staff: qiba@rsna.org.
  - Examples from previous years are available on the QIBA wiki.

Profile Public Comment Updates:
- To-date, 9 responders have provided 82 comments
- Public comment feedback was summarized in a table for a breakdown of 30 topics, narrowed to 9 broader categories:
  - Use
  - Claim
  - Scanner and QC
  - Radiotracer
  - Subject preparation
  - Image acquisition
  - Image analysis
  - Actors
  - Terminology
- Public comment topics addressed via description:
  - Topics which have been described in the Profile but are not associated with guidelines in version 1:

<table>
<thead>
<tr>
<th>Topic</th>
<th>Rationale</th>
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</thead>
<tbody>
<tr>
<td>PET-MRI scanners</td>
<td>Attenuation correction has been evolving; lack of test-retest data</td>
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<tr>
<td>Partial Volume Effects correction</td>
<td>Mixed results; sensitivity but also variability</td>
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<tr>
<td>Centiloid conversion</td>
<td>Still under refinement and adoption</td>
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<tr>
<td>Full dynamic modeling</td>
<td>Feasible for fewer centers, modeling complexity, BUT doable in several centers and very important to describe advantages, caveats</td>
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</tbody>
</table>

- These topics should be described adequately, with potential benefit or relevance, and for further inclusion in version 2 of the Profile
- Dr. Perlman suggested designating subject matter experts (SMEs) to review specific section comments and collate them using the Google spreadsheet created for co-chair collaboration; this was deemed an efficient approach used by other committees
- Plan is to make progress on addressing comments by the next BC call on November 10th
- Time can also be dedicated to addressing comments at the face-to-face QIBA Working Meeting at RSNA 2017
• Columns in the feedback table should indicate how the comment is being addressed, along with the response for group review

Claims:
• There was discussion regarding the longitudinal (repeatability) and cross-sectional (accuracy) claims
• Current claims as written will need to be revised for the following reasons:
  o Claim as stated would not be useful for accumulation studies, even if confidence interval is further reduced
  o The current framing of the claim is not directly relevant to a clinical trial measurement
  o Claims need to be stated in a framework relevant for the intended audience
  o Claims need to be supported with additional data

PET Amyloid Poster for RSNA 2017:
• Ms. Matthews reviewed the draft poster
• Additional details are needed
• The due date for a print-ready PowerPoint version to RSNA staff (qiba@rsna.org) is October 31st

Action items:
• Dr. Smith and Ms. Matthews to work on approach to resolve Profile claim
• Ms. Matthews to draft poster and circulate for feedback prior to print deadline (10/31)

NM WebEx Schedule / important dates

<table>
<thead>
<tr>
<th>Date</th>
<th>Task Force</th>
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<tbody>
<tr>
<td>10/20</td>
<td>SPECT BC</td>
</tr>
<tr>
<td>10/31</td>
<td>PPT print-ready posters due to RSNA</td>
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<tr>
<td>11/3</td>
<td>FDG-PET BC</td>
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<tr>
<td>11/10</td>
<td>PET Amyloid BC</td>
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<tr>
<td>11/17</td>
<td>SPECT BC</td>
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SPECT Task Forces

<table>
<thead>
<tr>
<th>Date</th>
<th>Task Force</th>
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<tbody>
<tr>
<td>11/7</td>
<td>I-123 Profile Comment Resolution</td>
</tr>
<tr>
<td>11/14</td>
<td>TC 99m Profile Development</td>
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</tbody>
</table>

SAVE-THE-DATE:

QIBA Working Meeting at RSNA 2017 | Wednesday, November 29, 2:30-6 pm – Lakeside Center, McCormick Place