Call Summary

In attendance:

**RSNA**

- Rathan Subramaniam, MD, PhD, MPH (Co-Chair)
- Howard Higley, PhD
- Nancy Obuchowski, PhD
- Joe Koudelik

- John Sunderland, PhD (Co-Chair)
- Edward Jackson, PhD
- Amy Perkins, PhD
- Julie Lisiecki

- Scott Wollenweber, PhD (Co-Chair)
- Paul Kinahan, PhD
- Eric Perlman, MD

- Ronald Boellaard, PhD
- Martin Lodge, PhD
- Timothy Turkington, PhD

- Jerry Froelich, MD
- Jayant Narang, MD

**Moderator:** Dr. Wollenweber

**Radiology article update**

- A special report article has been submitted to *Radiology* with the FDG-PET checklist
- The article was reviewed and is in the “under consideration” category
- Feedback was received from the editors on how to improve the article for possible publication
- More details are needed, keeping the viewpoint of the audience in mind
  - An introduction regarding quantitative imaging biomarkers across systems with practical details on how Profiles are used may be helpful
  - Basics of a Profile in general (shorter first section)
  - Need context and how / why Profiles matter
- Changes will be made as suggested
- Team deadlines are as follows:
  - Dr. Kinahan will work on literature/evidence grading (i.e., a formal assessment of paper quality) and send to BC for review (2 weeks) – Finalize by October 20th
  - Dr. Kinahan will work on responses to reviewers (one week) – Finalize by October 27th
  - Comments to be sent to Dr. Kinahan by November 3rd regarding the lit review
  - Comments to be sent to Dr. Kinahan by November 10th regarding the response to reviewers
  - Target date to return with edits to *Radiology* editors: November 17th
- If accepted, supplementary materials related to the Profile may be added

**FDG-PET Poster for RSNA 2017**

- The team discussed organization of poster content
- Panel sections to be edited are numbered/positioned as follows based on the 2016 template:
  - 1 3 5 7
  - 2 4 6 8
- Drs. Kinahan and Subramaniam are updating panel #5
  - Waiting for statistical analysis figures from 3 readers
- Dr. Turkington is adding content regarding noise measurements
- Dr. Higley provided a few PowerPoint slides related to QIBA/fNIH FDG-PET biomarker qualification efforts
  - He suggested streamlining graphics and details, noting that the stats core had been changed from Duke to Mayo for the Lymphoma study
  - Dr. Subramaniam to aid with editing of this content on panel #2
- Dr. Wollenweber reminded all editors to address the Profile impact and value added
• Dr. Perlman noted that this is a collaborative effort toward the biomarker qualification process, and lessons learned regarding development of the Profile, along with how the process will aid quantitative efforts, should be included
  o Absolute change is more reproducible and more reliable than the Deauville method, thereby demonstrating the impact
• Dr. Sunderland will be updating panel #4 and intends to illustrate with a flow chart
• Dr. Lodge provided a Point-spread function (PSF) update for panel #7
• Other details to be added include:
  o Confirmation details: 2 sites: 4 machines?
  o Test-re-test details
  o QIBA multi-center trial
• It was also agreed that the poster will have larger font size and fewer words, with an emphasis on graphics, similar to the 2016 poster
• All were reminded of the guidelines from Drs. Jackson and Guimaraes:
  o Organizational Structure Updates
  o Profile Development Status
  o Profile Impact/Implications for Clinical Trials and Patient Care (new focus for 2017)
  o Conformance Procedure Update
  o Groundwork Project Status/Results (optional)
• Dr. Wollenweber volunteered to be the poster coordinator and to finalize the poster into a print-ready format by the October 31 deadline

*Nuclear Medicine WebEx Schedule:*

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<tr>
<th>Date</th>
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<tr>
<td>10/13</td>
<td>PET Amyloid BC</td>
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<td>10/20</td>
<td>SPECT BC</td>
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<td>10/27</td>
<td>NM Leadership (TBD)</td>
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<td>11/03</td>
<td>FDG-PET BC</td>
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<td>11/17</td>
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**SAVE-THE-DATE:** QIBA Working Meeting at RSNA 2017 | Wednesday, November 29, 2:30-6 pm – Lakeside Center