QIBA SPECT Biomarker Committee (BC)
Friday, July 31, 2015, 9 AM (CT)
Call Summary

In attendance:
Yuni Dewaraja, PhD (Co-Chair)  
John Seibyl, MD (Co-Chair)  
Janice Campbell, PhD  
Patricia Cole, PhD, MD  
John Dickson, PhD  
Eric Frey, PhD  
Hidehiro Iida, DSc, PhD  
Gregory Klein, PhD  
Richard LaForest, PhD  
Michael Lassmann, PhD  
Manuela Matesan, MD, PhD  
Robert Miyaoka, PhD  
Nancy Obuchowski, PhD  
Amy Perkins, PhD  
Eric Perlman, MD  
John Sunderland, PhD  
Pierre Tervé, MS  
Benjamin M. W. Tsui, PhD  
Fiona Miller  
Joe Koudelik  
Julie Lisiecki

RSNA

Moderator: Dr. Seibyl

Discussion Topics

- The focus of the first SPECT BC Profile will be based on the use of dopamine imaging of the brain. This may be generalized to a Profile using SPECT imaging of a small target volume in the brain or may result in a second Profile. Subsequently, the intention is to create a Profile targeting larger organs in the whole body with Tc99m liver imaging as the model.
- One of the first goals of the BC is to define the measurand to be used in the Claim (striatal binding? TBR?)
- Group will need to consider which phantom should be used balancing phantom complexity versus cost
- The development of a Digital Reference Object may be a future activity
- Dr. Seibyl will begin working on a comprehensive literature review (assistance offered by Dr. Iida) and welcomes assistance from other BC members
  - A PubMed search could be conducted in parallel for missing technical details
- A Profile template is available on the QIBA Wiki under the heading: Claim and Profile Template Documents
- Dr. Perlman suggested that BC members begin working on performance requirements and writing normative text
  - Normative text is the summary text in boxes containing the “shall” statements within the Profile listing all the technical parameters and associated Actors
  - Informative text comprises the majority of the detailed descriptive text within the body of the Profile
  - If all informative text were removed, the normative text should contain all of the “instructions” in a concise manner within the boxes
  - The current template is being revised with more standardized language by the QIBA Process Committee; however, it can still serve as a useful guide to begin the process
  - It is recommended that the group select a Profile Editor
  - Any feedback regarding the Profile or template may be sent to Dr. Perlman: ericsperlman@gmail.com

August Nuclear Medicine Calls (Fridays, 9 am CT):

- **August 7:** FDG-PET Biomarker Ctte
- **August 14:** Amyloid Biomarker Ctte
- **August 21:** SPECT Biomarker Ctte
- **August 28:** Combined Nuclear Medicine BCs (FDG-PET, Amyloid, SPECT)

RSNA Staff attempt to identify and capture all committee members participating on WebEx calls. However, if multiple callers join simultaneously or call in without logging on to the WebEx, identification is not possible Call participants are welcome to contact RSNA staff at QIBA@RSNA.org if their attendance is not reflected on the call summaries. QIBA wiki