

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
Brian Zimmerman, PhD

RSNA

Fiona Miller
Joe Koudelik
Julie Lisiecki

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: ericperlman@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)

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