

QIBA FDG-PET/CT Biomarker Committee (BC) Update Call

04 September 2015 at 9 AM CT (GMT-6)

Call Summary

In attendance:

Rathan Subramaniam, MD, PhD (Co-Chair)

Scott Wollenweber, PhD (Co-chair)

John Hoffman, MD

Edward Jackson, PhD

Paul Kinahan, PhD, FIEEE

Jeff Kolthammer, PhD

Gil Kovalski, PhD

Adriaan Lammertsma, PhD

Martin Lodge, PhD

Lawrence (Larry) MacDonald, PhD

Nancy Obuchowski, PhD

Amy Perkins, PhD

Eric Perlman, MD

Anne Smith, PhD

Akiko Suzuki, MD, PhD

Pierre Tervé, MS

Timothy Turkington, PhD

Richard Wahl, MD, FACR

Dewen Yang, MD, PhD

John Wolodzko, PhD

Brian Zimmerman, PhD

RSNA

Joe Koudelik

Julie Lisiecki

Moderator: Dr. Wollenweber

Discussion included:

Lean Body Mass Formula

- Discussion of poll results on versioning of the Lean Body Mass (LBM) formula
 - 27 respondents
 - 17 - SUVlbm (James), SUVlbm (Janma)
 - 10 - SUL (James), SUL (Janma)
- Dr. Kinahan to schedule DICOM working group consultation call with Dr. Clunie, Mr. Charles Smith at NUMA, and other experts to discuss best representation of LBM formula
- Comments for consideration included:
 - "SUL" has fewer characters needed for the scanner display and ease of programming and is easier to write
 - "SUVlbm (James), SUVlbm (Janma)" is more specific
 - "LUV" or "Lean Uptake Value" was also suggested

FDG-PET BC Poster for QIBA Kiosk at RSNA 2015

- Dr. Kinahan to send previous poster template to Dr. Wollenweber (*also available on the [QIBA wiki](#)*)
 - Dr. Wollenweber to create a first draft of the 2015 FDG-PET poster; Dr. Subramaniam to aid with review
- 2014 poster topics included FDG-PET and DRO updates
- 2015 poster to include Profile Checklist details and conformance recommendations for quantitative protocol

Profile Checklist Update (Dr. Turkington)

- A de-identified composite of results from participating sites is being prepared for final recommendations
- Compilation of sites was as follows:
 - 9 individual hospitals
 - 2 academic sites
 - 2 peripheral to academic sites
 - remaining sites were community hospitals
- Sites were primarily independent of information that is scanner specific. Pertinent information was site specific.
- Manufacturer feedback is included in the report
- Some follow-up on vendor responses is needed, including an investigation of non-conformance issues

Nuclear Medicine Calls (Fridays, 9 am CT):

- September 11: Amyloid BC
- September 18: SPECT BC
- September 25: [Combined NM BCs](#)