

QIBA PET Myocardial Blood Flow (MBF) Biomarker Committee (BC)

Monday, September 13, 2021, at 9 am CT

Call Summary

In attendance

Robert deKemp, PhD (Co-Chair)
Marcelo Di Carli, MD (Co-Chair)
Jonathan B. Moody, PhD (Co-Chair)
P. David Mozley, MD
Nancy Obuchowski, PhD

RSNA Staff

Joe Koudelik
Julie Lisiecki

Moderator: Dr. deKemp

Discussion

- BC leadership reviewed the updated univariate analysis with the revised predictors
- A new grouping has been established for predictor variables
- Eight PET scanners were combined into 3 categories to create the petscanner.2 dataset
- Pet.dim and publication year datasets were combined into petscanner.2
- Unfortunately, this means that Dr. Obuchowski must redo the analysis
- A clinical part to the claim was also discussed; Dr. Mozley stressed the need for clinical relevance to best promote Profile implementation vs. the typical QIBA focus on measurement performance alone
- For now, the claim is just about the flow measurement, though BC leaders are considering a future cross-sectional claim
- Call ended at 9:15 am CT

Action items:

- Dr. deKemp to look for methodology papers to support the cross-sectional claim (based on bias and precision)
- Dr. Obuchowski to update the per-subject meta-analysis with new “petscanner.2” variable with 3 levels

Next Call: September 27, 2021, at 9 am CT (2nd and 4th Mondays) at 9 am CT

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Process Committee

- Profile Editors are encouraged to join the QIBA Process Committee to learn about QIBA writing tips and processes and network with other Profile Editors to exchange best practices
- **QIBA Process Committee Leaders:** [Kevin O'Donnell, MASc](#) (Chair) | [Michael Boss, PhD](#) (Co-Chair)
- **Wiki Resources:** [Dashboard](#) | [Profiles](#) | [QIBA Profile template](#) | [How to Write a QIBA Profile](#) | [Claim Guidance](#)
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- **EndNote:** To obtain access to the RSNA EndNote citations, please email: ststanfa@rsna.org.